

한국 물리학회 보

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2010년
봄학술논문발표회
및 제86회 정기총회

대전컨벤션센터
2010. 4. 21(수) ~ 23(금)

특별세션 안내

JKPS special session: JKPS의 새로운 도약을 위해

■ 일 시 : 4월 21일 수요일, 16:00 ~ 17:35 ■ 장 소 : 103-104호

■ 좌장: 이윤상 (JKPS 부실무이사, 숭실대학교)

- 16:00 - 16:05 인사말
이주열 (JKPS 편집위원장, 성균관대학교)
- 16:05 - 16:20 JKPS의 역사: JKPS의 SCI 등재과정
조성호 (고려대학교 명예교수)
- 16:20 - 16:30 타 저널이 바라본 JKPS
오경환 (CAP 실무이사, 연세대학교)
- 16:30 - 16:40 최근 JKPS 사업 소개
김향배 (JKPS 실무이사, 한양대학교)
- 16:40 - 17:00 Brief summary of APEX: how it was born, current status, and future outlook
Maki Suemitsu (APEX editor, Tohoku University)
- 17:00 - 17:10 질의응답 및 논의
- 17:10 - 17:30 JKPS highlight 논문 발표
 - Computational Three-Residue Fragment Assembly and Folding Optimization for Protein Structure Design [JKPS 55, 2235 (2009)]
정민중 (KISTI)
 - Correlation between Self-Organized Pore Formation Behaviors and Current-Time Characteristics in Porous Anodic Alumina [JKPS 56, 113 (2010)]
부상돈 (전북대학교)
 - Observation of Colloidal Particle Dynamics Near a Flat Wall by Using Oscillating Optical Tweezers [JKPS 56, 977 (2010)]
박혁규 (부산대학교)
- 17:30 - 17:35 Closing remark 이영백 (한국물리학회장, 한양대학교)

산학 세션 : 물리학과 창업성공

■ 2010년 4월 21일(수) 16:00~17:30 ■ 장소: 301호

■ 진행: 김주진 교수(사업실무이사), 정창욱 교수(섭외 부실무이사)

시간	강연 제목	강연자
16:00 ~ 16:10	인사말	이 영 백 (한국물리학회 회장)
16:10 ~ 16:50	물리학과와 기업가 정신	황 철 주 대표이사 (주성 엔지니어링 http://www.jseng.com/)
16:50 ~ 17:30	물리학과에서 기업가(起業家)로	박 상 일 대표이사 (파크시스템스 www.parkAFM.com)

* 강연 참가 학생들에게는 기업홍보용 기념품 및 다양한 경품(외장형 300 Gb HDD)이 있을 것입니다. 창업에 관심있는 열정적인 대학원생들의 많은 참가 부탁드립니다.

여성세션

■ 2010년 4월 21일(수) 16:30~17:50 ■ 장소: 101-102호

■ 좌장: 임혜인 여성 실무이사

시간	내용 또는 강연제목	담당 또는 강연자
16:30 ~ 16:50	과학하러 연구소 들어가기	권 경 훈 (한국기초과학지원연구원, 책임연구원)
16:50 ~ 17:10	무한도전 ; 교수해 볼까?	유 성 미 (한림대 물리학과)
17:10 ~ 17:30	과학재단 PI경험을 바탕으로 본 연구비 획득 방안	정 옥 희 (순천대 물리교육과)
17:30 ~ 17:50	여성과학기술인력현황과 한국정부의 지원정책	이공주복 (이화여대 물리학과, 전국여성과학기술인지원센터장)

신진교수세션

■ 2010년 4월 22일(목) 16:40~17:45 ■ 장소: 205호

■ 진행: 정난주 여성 부실무이사

시간	내용 또는 강연제목	담당 또는 강연자
16:40 ~ 16:45	인사말	정 세 영 (총무담당 실무이사)
16:45 ~ 17:15	연구실 세팅 및 대학원생 교육 경험	김 규 태 (고려대 전기전자전파공학부)
17:15 ~ 17:45	물리학 영어강의 경험	이 정 일 (고려대 물리학과)
18:00 ~ 19:30	회원의 밤 참석	

구두발표논문 시간표

[AS1] KPS-CPS Joint Symposium on 2D Electron Systems: Graphene and Topological Insulators

2010년 4월 22일 목요일 08:50 - 11:00

장 소 : 301호

[Opening] Hyeonsik Cheong(Sogang Univ.)**[Welcome Address]** YoungPak Lee(President of the Korean Physical Society)

AS-01(초)[09:00-09:30]

Berry phase effects in bilayer graphene / Sim H.-S.(Department of Physics, Korea Advanced Institute of Science and Technology, Daejeon 305-701, Korea)

AS-02(초)[09:30-10:00]

Graphene Nanoribbon Quantum Dot Device / Lu Li(Institute of Physics, Chinese Academy of Sciences, Beijing)

AS-03(초)[10:00-10:30]

Superconducting Proximity Effect in Bi-polar Graphene Junctions / Choi Jae-Hyun(Department of Physics, Pohang University of Science and Technology), Doh Yong-Joo(Department of Physics, Pohang University of Science and Technology/Department of Display and Semiconductor Physics, Sejong Campus, Korea University), JEONG Dongchan, Lee Gil-Ho(Department of Physics, Pohang University of Science and Technology), Lee Hu-Jong(Department of Physics, Pohang University of Science and Technology/National Center for Nanomaterials Technology), Lee Jeong-O(Nanomaterials Team, Advanced Materials Division, Korea Research Institute of Chemical Technology)

AS-04(초)[10:30-11:00]

Low-Cost Wafer Scale Segregation of Graphenes from Base Metals / Liu Zhongfan(Centre for Nanochemistry, Beijing National Laboratory for Molecular Sciences, State Key Laboratory for Structural Chemistry of Unstable and Stable Species, College of Chemistry and Molecular Engineering, Peking University, Beijing 100871, P. R. China)**[AS2] KPS-CPS Joint Symposium on 2D Electron Systems: Graphene and Topological Insulators**

2010년 4월 22일 목요일 11:15 - 12:15

장 소 : 301호

AS-05(초)[11:15-11:45]

Electromechanical properties of chiral electrons in graphene systems / Son Young-Woo(Korea Institute for Advanced Study, Seoul 130-722, Korea)

AS-06(초)[11:45-12:15]

Raman Spectroscopy of Graphene under Strain / Yoon Duhee, Moon Hyerim, Woo Seongwoo, Cheong Hyeonsik(Department of Physics, Sogang University, Seoul 121-742, Korea), Son Young-Woo(Korea Institute for Advanced Study, Seoul 130-722, Korea)

[AS3] KPS-CPS Joint Symposium on 2D Electron Systems: Graphene and Topological Insulators

2010년 4월 22일 목요일 14:00 - 16:10

장 소 : 301호

AS-07(초)[14:00-14:30]

Spin Transport, Zitterbewegung and RKKY Interaction in Two-Dimensional Helical Metals / Shi L. K., Zhang L. B., Zhu J. J., Chang Kai(SKLSM, Institute of Semiconductors, Chinese Academy of Sciences, Beijing, China)

AS-08(초)[14:30-15:00]

Topological Insulators at Room Temperature: Bi_2Se_3 , Bi_2Te_3 , Sb_2Te_3 / Fang Zhong(Institute of Physics, Chinese Academy of Science, China)

AS-09(초)[15:00-15:30]

Quasi-particle dynamics and orbital character in topological insulators / PARK S. R., KIM Chul, Jung W. S., Koh Y. Y., Song D. J., Kim C.(Institute of Physics and Applied Physics, Yonsei University, Seoul, Korea), Lee K. D., Hur N.(Department of Physics, Inha University, Incheon, Korea), Kwon Y. S.(Department of Physics, Sungkyunkwan University, Suwon, Korea), Cho B. K.(Department of Materials Science and Engineering, GIS, Gwangju, Korea), KIMURA S., SHIMADA K.(UVSOR Facility, Institute for Molecular Science and The Graduate University for Advanced Studies, Okazaki 444-8585, Japan)

AS-10(초)[15:30-16:00]

Molecular Beam Epitaxy Growth and Novel Properties of Topological Insulator Films of Bi_2Te_3 and Bi_2Se_3 / CHEN Xi (Department of Physics, Tsinghua University, China)

[Closing Remark] Qi-Kun Xue(CPS)

[A1] 산학세션: 물리학과 창업 성공

2010년 4월 21일 수요일 16:00 - 17:30

장 소 : 301호

좌 장 : 김주진(전북대)

[16:00-16:10]

인사말 / 이영백(한국물리학회 회장)

A-01[16:10-16:50]

물리학자와 기업가 정신 / 황철주(주성엔지니어링)

A-02[16:50-17:30]

물리학도에서 기업가로 / 박상일(파크시스템스)

[A2] Open KIAS

2010년 4월 22일 목요일 11:15 - 13:15

장 소 : 101-102호

좌 장 : 박형규(KIAS)

A-03[11:15-12:15]

생명현상의 물리학: 복잡계와 정보 / 최무영(서울대)

A-04[12:15-13:15]

Patterns and Waves in Living Systems / LEE Kyoung Jin(고려대)**[A3] 대중강연**

2010년 4월 22일 목요일 18:00 - 20:00

장 소 : 301호

좌 장 : 박병윤(충남대)

A-05[18:00-19:00]

입자가속기와 텔레비전 수리공 / 최준곤(고려대)

A-06[19:00-20:00]

빅뱅이론과 LHC: 가장 작은 세계가 가장 큰 세계를 밝힌다 / 김항배(한양대)**[A4] 여성세션**

2010년 4월 21일 수요일 16:30 - 17:50

장 소 : 101-102호

좌 장 : 임혜인(숙명여대)

A-07[16:30-16:50]

과학자러 연구소 들어가기 / 권경훈(기초과학지원원)

A-08[16:50-17:10]

무한도전 ; 교수해 볼까? / 유성미(한림대)

A-09[17:10-17:30]

과학재단 PI경험을 바탕으로 본 연구비 획득 방안 / 정옥희(순천대)

A-10[17:30-17:50]

여성과학기술인력현황과 한국정부의 지원정책 / 이공주복(이화여대)**[A5] 신진교수세션**

2010년 4월 22일 목요일 16:40 - 17:45

장 소 : 205호

좌 장 : 정난주(광운대)

[16:40-16:45]

인사말 / 정세영(부산대, 총무 실무이사)

A-11[16:45-17:15]

연구실 세팅 및 대학원생 교육 경험 / 김규태(고려대)

A-12[17:15-17:45]

물리학 영어강의 경험 / 이정일(고려대)

[PA1] Pioneering Symposium: Dirac Materials: Graphene and Topological Materials

2010년 4월 21일 수요일 13:30 - 15:30

장 소 : 204호

좌 장 : 여인환(연세대)

PA-01(초)[13:30-14:05]

Observation of plasmarons in quasi-free-standing graphene /
 BOSTWICK Aaron(Lawrence Berkeley National Laboratory, Berkeley,
 California 94720, USA)

PA-02(초)[14:05-14:30]

Density-functional study of electronic structures in graphene in
contact with insulators / GOH Jung Suk, CHOI Hyoung Joon(Department
 of Physics and IPAP, Yonsei University, Seoul, Korea)

PA-03(초)[14:30-14:55]

Phonon hardening due to photo-excited carriers in graphene /
 YOON Duhee, MOON Hyerim, WOO Seungwoo, CHEONG Hyeon-
 sik(Department of Physics, Sogang University), SON Young-Woo(School
 of Computational Sciences, Korea Institute for Advanced Study)

PA-04(초)[14:55-15:30]

Epitaxial graphene on 3C-SiC/ Si / SUEMITSU Maki(Research Ins-
 titute of Electrical Communication, Tohoku University, CREST, Japan
 Science and Technology Agency, Tokyo 107-0075, Japan)

[PA2] Pioneering Symposium: Dirac Materials: Graphene and Topological Materials

2010년 4월 21일 수요일 15:45 - 17:45

장 소 : 204호

좌 장 : 김창영(연세대)

PA-05(초)[15:45-16:15]

Surface states of Rashba-spin-split type and topological in-
ulators / HIRAHARA Toru, HASEGAEWA Shuji(Department of Phy-
 sics, University of Tokyo, Tokyo, Japan)

PA-06(초)[16:15-16:40]

Surface Impurities Effects on the Metallic Surface States of
Bi_{1-x}Sb_x (111) (x=0.1, 0.25, 1.0) Surfaces / NOH Han-Jin, JEONG
 Jinwon, CHO En-Jin(Dep. of Phys. Chonnam National University), CHO
 Sunglae(Dep. of Phys. University of Ulsan), KIM Hyeong-Do(Pohang
 Accelerator Laboratory)

PA-07(초)[16:40-17:05]

Direct Observation of Quasi-Particle Interference Pattern Induced by Defects on Pure Sb(111) Surface Using STM / CHO Doohee, KIM Minseong, LYO In-Whan(Department of physics, Yonsei University, Seoul 120-749, Republic of Korea)

PA-08(초)[17:05-17:30]

Skymre Crystal Formation in Two-Dimensional Magnetic Crystal / 박진홍, 한정훈(성균관대)

[PB1] Pioneering Symposium: Korea-Japan, Progresses in Spint-ronics Devices

2010년 4월 22일 목요일 13:30 - 15:30

장 소 : 103-104호

좌 장 : 이금원(고려대)

PB-01(초)[13:30-14:00]

Electromotive Force and Huge Magnetoresistance in Magnetic Nanostructures / TANAKA M, HAI P. N., OHYA S.(Dept of Electrical Eng, Univ of Tokyo), BARNES S. E.(Physics Dept, Univ of Miami), MAEKAWA M.(IMR, Tohoku Univ.)

PB-02(초)[14:00-14:30]

Theoretical issues in current-driven magnetic domain wall motion / LEE Hyun-Woo, RYU Jisu(Department of Physics, Postech), LEE Kyung-Jin(Department of Materials Science and Engineering, Korea University), CHO E Sug-Bong(Department of Physics, Seoul National University)

PB-03(초)[14:30-15:00]

Spin Seebeck Effect in Ferromagnets / UCHIDA Ken-ichi(Institute for Materials Research, Tohoku University), SAITOH Eiji(Institute for Materials Research, Tohoku University, PRESTO, Japan Science and Technology Agency, Sanbancho, Tokyo)

PB-04(초)[15:00-15:30]

Bias-voltage dependence of perpendicular spin-transfer torque in asymmetric MgO-based magnetic tunnel junctions / 이경진(고려대), 오세충(삼성전자, 반도체연구소), 박승영(한국기초과학연구원), MANCHON Aurelien, CHSHIEV Mairbeck(SPINTEC, CEA-CNRS, France), 한재호, 이현우(포항공과대학, 물리학과), 이장은, 남경태(삼성전자, 반도체연구소), 조영훈(한국기초과학연구원), 공요찬(고려대), DIENY Bernard(SPINTEC, CEA-CNRS, France)

[PB2] Pioneering Symposium: Korea-Japan, Progresses in Spintronics Devices

2010년 4월 22일 목요일 15:45 - 17:45

장 소 : 103-104호

좌 장 : M. Tanaka(동경대)

PB-05(초)[15:45-16:15]

Large Tunnel Magnetoresistance in Double-Barrier Magnetic Tunnel Junctions with Thin Middle Layer / NAGANUMA Hiroshi, JIANG Lixian, OOGANE Mikihiro, ANDO Yasuo(1Graduate School of Engineering, Tohoku University, Sendai 980-8579, Japan), MORITA Tadashi(2ULVAC, Inc., Susono, Shizuoka 410-1231 Japan)

PB-06(초)[16:15-16:45]

Spin-Based Field Effect Transistor / KOO H. C., KWON J. H.(Nano Convergence Device Center, Korea Institute of Science and Technology), EOM J.(Department of Physics, Sejong University), CHANG J., HAN S. H.(Nano Convergence Device Center, Korea Institute of Science and Technology)

PB-07(초)[16:45-17:15]

Molecular Magnetism at Surface from a Single Molecule to Two-Dimensional Superlattice / TAKAGI Nori(Department of Advanced Materials Science, The University of Tokyo)

PB-08(초)[17:15-17:45]

Magnetoresistance due to carrier multiplication process in narrow gap semiconductors / HONG Jinki, JOO S., LEE J., KIM T., RHIE K.(Department of Physics, Korea University, Chochiwon, Korea), SHIN Kyung-Ho(Research center for Spintronics, KIST, Seoul, Korea)

[PC1] Pioneering Symposium: Novel Superconducting Phenomena

2010년 4월 22일 목요일 08:50 - 11:00

장 소 : 204호

좌 장 : 김창영(연세대)

PC-01(초)[09:00-09:35]

Charge transport in cuprates and iron-pnictides / UCHIDA Shin-ichi(University of Tokyo)

PC-02(초)[09:35-10:00]

High- T_c superconductivity meets a 3+3-dimensional spectroscopy / LEE Jhinwhan(KAIST, Korea and Cornell University, USA)

PC-03(초)[10:00-10:25]

Nodal superconductivity in the pressure-induced superconductor

CeRhIn5 / PARK Tuson(Department of Physics, Sungkyunkwan University, Suwon 440-746, South Korea)

PC-04(초)[10:25-10:45]

Terahertz Measurement of Penetration Depth of Superconducting $\text{La}_{1.84}\text{Sr}_{0.16}\text{CuO}_4$ Thin Films / KIM Jae Hoon, HONG Taeyoon (Department of Physics, Yonsei University, Seoul 120-749 Korea), BOZOVIC Ivan(Brookhaven National Laboratory, Upton, NY 11973 USA)

[PC2] Pioneering Symposium: Novel Superconducting Phenomena

2010년 4월 22일 목요일 11:00 - 12:15

장 소 : 204호

좌 장 : 최한용(성균관대)

PC-05(초)[11:00-11:25]

Microwave Properties of $\text{YBa}_2\text{Cu}_3\text{O}_{7-d}$ Films, MgB_2 Films and $\text{BaFe}_{1.8}\text{Co}_{0.2}\text{As}_2$ Single Crystals as Measured by Using the Modified Two-Resonance Mode Dielectric Resonator Method / LEE Sang Young, JUNG Ho Sang, YANG W. I.(Department of Physics and Center for Wireless Transmission Technology, Konkuk University, Seoul), LEE J. H.(SuNAM Co., Ltd, Anyang), SEONG W. K., LEE N. H., KANG W. N.(BK21 Physics Division and Department of Physics, Sungkyunkwan University Suwon), CHOI K.-Y., LEE S.-I.(Department of Physics, Sogang University, Seoul)

PC-06(초)[11:25-11:50]

Physics and Application of Josephson Junctions as a Key Element in Quantum Electronics. / CHONG Yonuk(Korea Research Institute of Standards and Science, Daejeon 305-340, KOREA)

PC-07(초)[11:50-12:15]

Superconducting Detectors for High Resolution Particle Detectors /
김용함(한국표준과학연구원 나노양자연구단)

[PC3] Pioneering Symposium: Novel Superconducting Phenomena

2010년 4월 22일 목요일 14:00 - 15:45

장 소 : 204호

좌 장 : 최형준(성균관대)

PC-08(초)[14:00-14:35]

Quantum criticality and unconventional superconductivity of iron-pnictides / MATSUDA Yuji(Department of Physics, Kyoto University)

PC-09(초)[14:35-15:00]

Magnetic Properties of Iron-based Superconductors : First-Prin-

ciples Studies / MOON Chang-Youn, PARK Se Young, CHOI Hyoung Joon(Department of Physics and IPAP, Yonsei University)

PC-10(초)[15:00-15:25]

Magnetic phase diagram of Mn- and Co-doped SrFe₂As₂ / SHIM Ji Hoon(Department of Chemistry, POSTECH)

PC-11(초)[15:25-15:45]

Unconventional magnetic field-temperature superconducting phase-diagram in Co doped BaFe₂As₂ and local superconducting properties through torque measurement / JO Younjung(Department of Physics, Ewha University), BALICAS Luis(National High Magnetic Field Laboratory, USA), LIU R.H., CHEN H., CHEN X.H.(Hefei National Laboratory for Physical Science a Microscale and Department of Physics, China)

[PC4] Pioneering Symposium: Novel Superconducting Phenomena

2010년 4월 22일 목요일 16:00 - 17:40

장 소 : 204호

좌 장 : 김기훈(서울대)

PC-12(초)[16:00-16:25]

Electron-phonon coupling in Fe-As superconductors / CHOI K-Y(Department of Physics, Chung-Ang University, Seoul 156-756), LEMMENS P(Institute for Condensed Matter Physics, TU Braunschweig, D-38106 Braunschweig, Germany), EREMIN I(Institut fuer Mathematische Physik, TU Braunschweig, D-38106 Braunschweig, Germany), ZWICKNAGL G(Institute for Condensed Matter Physics, TU Braunschweig, D-38106 Braunschweig, Germany), LIN C T(Max-Planck-Institut fuer Festkoerperforschung, Heisenbergstrasse 1, D-70569 Stuttgart, Germany)

PC-13(초)[16:25-16:50]

Sr₂VO₃FeAs : A New Paradigm for Fe-Pnictide Superconductors / LEE Kwan-Woo(고려대)

PC-14(초)[16:50-17:15]

Superconducting Proximity Effects in Various Nanostructures / DOH Yong-Joo(Dept. of Display and Semiconductor Physics, Korea University Sejong Campus)

PC-15(초)[17:15-17:40]

Equal-Spin Triplet Pairing in Nb/Ni Proximity Effect Bilayers / CHAR Kooklin(Center for Strongly Correlated Materials Research, Department of Physics and Astronomy, Seoul National University, Seoul 151-742, Korea)

SESSION B

입자물리학분과회

[BG1] 입자물리학분과회 General Session

2010년 4월 21일 수요일 09:30 - 11:00

장 소 : 107-108호

좌 장 : 천병구(한양대)

BG-01(초) [09:30-10:00]

Current Status of RENO Experiment / 김성현, 김병찬, 김재률, 임인택, 장지승, 정인석, 주경광, 최을임(전남대), 김우영, 사무엘 스테파난, 오영도, 김안드레이(경북대), 박인곤(경상대), 박명렬(동신대), 안정근, 이효상(부산대), 박강순(서경대), 강보라, 김수봉, 박정식, 신진욱, 이재승, 최선호(서울대), 김동현, 백승록, 유인태, 최영일(성균관대), 강운구, 김영덕, 마경주, 전은주(세종대), 김현수(전북대), N. Danilov, YU. Krylov, G. Novikova, E. Yanovich(INR/IPCE)

BG-02(초) [10:00-10:30]

Status of J-PARC / 임계엽(KEK)

BG-03(초) [10:30-11:00]

Factorization in exclusive quarkonium production / LEE Jungil(Korea University), BODWIN Geoffrey T.(Argonne National Laboratory), GARCIA I TORMO Xavier(Argonne National Laboratory and University of Alberta)

입자물리학분과회 분과운영위원회

2010년 4월 21일 수요일 11:15 - 12:15

장 소 : 107-108호

[BG2] 입자물리학분과회 General Session: Heavy Flavor

2010년 4월 21일 수요일 13:30 - 14:45

장 소 : 107-108호

좌 장 : 원은일(고려대)

BG-04 [13:30-13:45]

A Quarkyonic Phase in Dense Two Color Matter / KIM Seyong(세종대), HANDS Simon(Department of Physics, Swansea University), SKULLERUD Jon-Ivar(Department of Physics, National University of Ireland, Maynooth)

BG-05 [13:45-14:00]

Polarization of prompt J/psi in proton-proton collisions at RHIC / 이정일, 정희석(고려대), 김세용(세종대), 유채현(KIAS)

BG-06 [14:00-14:15]

Search for $B \rightarrow \phi \pi$ decays / KIM JungHyun(한국과학기술정보연구**B**

원), M. Nakao(KEK)

BG-07 [14:15-14:30]

Model independent analysis of the forward-backward asymmetry of top quark pair production at the Tevatron / NAM Soo-hyeon (KISTI), KO Pyungwon(KIAS), LEE Jae Sik(NCTS, Taiwan), JUNG Dong-Won(NCU, Taiwan)

BG-08 [14:30-14:45]

Measurement of $|V_{ub}|$ from $B^0 \rightarrow \pi^- l^+ u$ Branching Fraction / HA Hyuncheong, WON Eunil(Korea University), BELLE Collaboration(KEK)

[BG3] 입자물리학분과회 General Session: New Physics

2010년 4월 21일 수요일 15:45 - 17:15

장 소 : 107-108호

좌 장 : 최성렬(전북대)

BG-09 [15:45-16:00]

Lepton flavour violation in a nonuniversal gauge interaction model / LEE Kang Young(Konkuk University, School of Physics)

BG-10 [16:00-16:15]

A Search for an Exotic Light Particle at Belle / HYUN H. J., KAH D. H., KIM H. O., KIM M. J., PARK H., PARK H. K.(Kyungpook National University), CHEON B. G.(Hanyang University), CHO K. H.(Korea Institute of Science and Technology Information), CHOI K. S.(Yonsei University), CHOI S. K.(Gyeongsang National University), CHOI Y. I.(Sungkyunkwan University), HA H. C.(Korea University), KANG J. H.(Yonsei University), KIM J. H.(Korea Institute of Science and Technology Information), KIM S. K.(Seoul National University), KO B. R.(Korea University), KWON Y. J.(Yonsei University), LEE M. J.(Seoul National University), LEE S. H.(Korea University), MASAYA I.(Yonsei University), OLSEN S.(Seoul National University), PARK C. W., PARK K. S.(Sungkyunkwan University), RYU S.(Seoul National University), UNNO Y.(Hanyang University), WON E. I.(Korea University)

BG-11 [16:15-16:30]

Electroweak Baryogenesis in extensions of the Standard Model / 함승우(고등과학원, 물리학부), 심성아(성신여자대), 오선근(건국대)

BG-12 [16:30-16:45]

Discovery Potential for Randall-Sundrum Graviton in the $G^* \rightarrow ZZ \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ Channel at $\sqrt{s}=10$ TeV with the CMS

Detector / CHUNG Jin Hyuk, PARK H.K., KIM G.N., SON D.(경북대)

BG-13 [16:45-17:00]

Comments on Anomaly Mediated Supersymmetry Breaking / LEE Jae Yong(Korea University, Department of Physics)

BG-14 [17:00-17:15]

Dirac Gaugino as Leptophilic Dark Matter / PARK Jong-Chul, CHUN Eung Jin(KIAS, School of Physics), SCOPEL Stefano(Sogang University, Department of Physics)

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[BG4] 입자물리학회분과회 General Session: Detector R & D

2010년 4월 22일 목요일 09:30 - 11:00

장 소 : 107-108호

좌 장 : 주경광(전남대)

BG-15 [09:30-09:45]

Construction of RENO Detector / 김우영, 사무엘 스테파난, 오영도, 김안드레이(경북대), 박인곤(경상대), 박명렬(동신대), 안정근, 이효상(부산대), 강보라, 김수봉, 박정식, 신진욱, 이재승, 최선호(서울대), 김동현, 백승록, 유인태, 최영일(성균관대), 강운구, 김영덕, 마경주, 전은주(세종대), 김병찬, 김성현, 김재률, 주경광, 임인택, 장지승, 정인석, 최을임(전남대), 김현수(전북대), 박강순(서경대), N. Danilov, YU Krylov, G. Novikova, E. Yanovich(INR/IPCE)

BG-16 [09:45-10:00]

Magnetic field effect on PMT performance / 전은주, 강운구, 김영덕, 마경주(세종대), 김우영, 사무엘 스테파난, 오영도, 김안드레이(경북대), 박인곤(경상대), 박명렬(동신대), 안정근, 이효상(부산대), 박강순(서경대), 강보라, 김수봉, 박정식, 신진욱, 이재승, 최선호(서울대), 김동현, 백승록, 유인태, 최영일(성균관대), 김병찬, 김성현, 김재률, 주경광, 임인택, 장지승, 정인석, 최을임(전남대), 김현수(전북대), N. Danilov, YU Krylov, G. Novikova, E. Yanovich(INR/IPCE)

BG-17 [10:00-10:15]

Study of the Plastic Scintillator Strip Performance for the Fine Granular Calorimeter / UOZUMI Satoru, KIM DongHee, OH Yongdo, KONG Daejung, KHAN Adil, KIM Jieun, SON Taejin(Kyungpook National University, Department of Physics)

BG-18 [10:15-10:30]

Measurment of Neutron Response Characteristic of a hadron calorimeter in J-parc E14 / 고재우, 우종관, 김용주(제주대), 이효상, 안정근, 백광윤(부산대), 임계엽(KEK), 김은주(전북대), 정명신(서울시립대)

BG-19 [10:30-10:45]

Measurement of np Elastic Scattering at J-PARC KL Beam Line /
이효상, 백광윤, 안정근(부산대), 임계엽(KEK, IPNS), 김은주(전북대), 우
종관, 김용주, 고재우(제주대)

BG-20 [10:45-11:00]

시뮬레이션을 통한 FIB (Focused Ion Beam) 정전 렌즈의 해석 / 김창
조, 최 윤, 이재승, 조용철, 최 준영(아텍시스템 연구소), 최은하(광운대),
장동영(서울산업대)

**[BF1] 입자물리학회 Focus Session : 원자핵-입자-천체물리학회
공동세션**

2010년 4월 22일 목요일 13:30 - 15:30

장 소 : 107-108호

좌 장 : 이형원(인제대)

BF-01(초)[13:30-14:10]

**Transport model study of deuteron production in relativistic heavy
ion collisions /** 오용석(경북대)

BF-02(초)[14:10-14:50]

**Status of the LHC and the First Results from CMS for the
Charged Hadron Distribution in pp collisions at $\sqrt{s} = 0.9$ and
2.36 TeV /** SIM Kwang-Souk(Korea University, Dept. of Physics)

BF-03(초)[14:50-15:30]

**Current Issues of Astronomy and Astrophysics : Origin of Galaxies
and Planets /** LEE Hyung Mok(Department of Physics and Astronomy,
Seoul National University)

[BG5] 입자물리학회 General Session : 고에너지 물리학의 전망

2010년 4월 22일 목요일 15:45 - 17:45

장 소 : 107-108호

좌 장 : 최선호(서울대)

BG-21(초) [15:45-16:30]

Particle Physics in U.S. / KIM Young-Kee(U. Chicago, Fermi National
Accelerator Laboratory)

[BG6] 입자물리학회 General Session : String

2010년 4월 23일 금요일 09:30 - 10:30

장 소 : 107-108호

좌 장 : 신상진(한양대)

BG-22 [09:30-09:45]

**Walls in Supersymmetric Nonlinear Sigma Model on $SO(2N)/U(N)$
and $Sp(N)/U(N)$ /** ARAI Masato(Institute of Experimental and Applied

Physics, Czech Technical University in Prague), LEE Sunggeun(Kyung Hee University), SHIN Sunyoung(CQUeST)

BG-23 [09:45-10:00]

Rotating Membranes in $AdS_4 \times M_{111}$ / 김낙우, 이정훈, 김종욱(경희대)

BG-24 [10:00-10:15]

Momentum in Physics / MINN JOOHA(목포대)

BG-25 [10:15-10:30]

Enhanced Supersymmetry of Nonrelativistic ABJM Theory / KWON O-Kab, OH Phillial, SOCHICHIU Corneliu, SOHN Jongsu (Sungkyunkwan University)

[BG7] 입자물리화분과회 General Session / Neutrino

2010년 4월 23일 금요일 10:45 - 11:45

장 소 : 107-108호

좌 장 : 김재률(전남대)

BG-26 [10:45-11:00]

Measurement of RENO Target Volume / 이재승, 강보라, 김수봉, 박정식, 신진욱, 최선호(서울대), 김우영, 사무엘 스테파난, 오영도, 김안드레이(경북대), 박인곤(경상대), 박명렬(동신대), 안정근, 이효상(부산대), 박강순(서경대), 김동현, 백승록, 유인태, 최영일(성균관대), 강운구, 김영덕, 마경주, 전은주(세종대), 김병찬, 김성현, 김재률, 주경광, 임인택, 장지승, 정인석, 최을림(전남대), 김현수(전북대), N. Danilov, YU Krylov, G. Novikova, E. Yanovich(INR/IPCE)

BG-27 [11:00-11:15]

Status of RENO DAQ / 장지승(전남대), 김우영, 사무엘스테파난, 오영도, 김안드레이(경북대), 박인곤(경상대), 박명렬(동신대), 안정근, 이효상(부산대), 박강순(서경대), 강보라, 김수봉, 박정식, 신진욱, 이재승, 최선호(서울대), 김동현, 백승록, 유인태, 최영일(성균관대), 강운구, 김영덕, 마경주, 전은주(세종대), 김병찬, 김성현, 김재률, 주경광, 임인택, 정인석, 최을림(전남대), 김현수(전북대), N. Danilov, YU Krylov, G. Novikova, E. Yanovich(INR/IPCE)

BG-28 [11:15-11:30]

Current Status of the OPERA Long Baseline Neutrino Oscillation Experiment / YOON Chun Sil, KIM Ji Hyun, PARK Byung Do, PARK In Gon, SONG Jin Sop(GNU), KIM Sung Hyun(CNU)

B

SESSION C

원자핵물리학과회

[CG1] 원자핵물리학과회 General Session : 실험

2010년 4월 21일 수요일 13:30 - 14:50

장 소 : 209-210-211호

좌 장 : 김은주(전북대)

CG-01[13:30-13:50]

Performance of an Elastic Scattered Neutron Imaging System

/ 이주한, 정인일, 정효순, 권영관, 최민준, 이승재, 최영완, 이춘식(중앙대)

CG-03[13:50-14:10]

Development of a CBM-RICH prototype in PNU / YI JunGyu, YOO

In-Kwon, SON ChangWook, OH Kunsu, CHOI KyungEon(Pusan National University)

CG-04[14:10-14:30]

Measurements of neutron capture cross-sections of ^{161,162,163,164}Dy isotopes in epithermal neutron energy using RPI electron linear accelerator and neutron TOF method.

/ KANG Yeong-Rok, RO Tae-Ik(Dong-A Univ.), LEE Manwoo, KIM Guinyun(Kyungpook Nat. Univ.), D.P Barry, M.J Rapp, D. Williams, Y. Danon(RPI)

CG-05[14:30-14:50]

Low energy calibration sources for a large Liquid Xenon Detector.

/ LEE J.S.(Korea Research Institute of Standards and Science, Kongju National Univ.), KIM Y.D.(Sejong University), KIM Y.H., LEE K.B., LEE M.K.(Korea Research Institute of Standards and Science), SONG J.H.(Kongju National University)

[CG2] 원자핵물리학과회 General Session : 이론

2010년 4월 21일 수요일 15:45 - 17:45

장 소 : 209-210-211호

좌 장 : 현창호(대구대)

CG-06[15:45-16:05]

Weak rapid process in a core collapsing supernova

/ 천명기, 하은자(숭실대), 김경식(한국항공대)

CG-07[16:05-16:25]

Correlation between pp fusion and mu-d capture cross sections /

PARK Tae-Sun(Sungkyunkwan University, Dept. of Physics (성균관대, 물리학과)), KUBODERA Kuniharu, MYHRER Fred(University of South Carolina, Dept. of Physics and Astronomy)

CG-08[16:25-16:45]

Photoproduction of Phi Meson Close to Threshold

/ 안정근(부산대)

CG-09[16:45-17:05]

EVIDENCE FOR NARROW N(1685) NUCLEON RESONANCE /
VIACHESLAV Kuznetsov(Kyungpook National University, 702-701,
 Daegu, Republic of Korea), **M.V. Polyakov**(Institute für Theoretische
 Physik II, Ruhr-Universität Bochum, D - 44780 Bochum,), **KIM**
wooyoung(Kyungpook National University, 702-701, Daegu, Republic
 of Korea), **T. Boiko**(Belarussian State University, 220030, Minsk,
 Republic of Belarus), **DHO Hoseog, SERGEY chebotarev, KIM**
andrey, EVGENIY milman, NI andrey(Kyungpook National University,
 702-701, Daegu, Republic of Korea)

CG-10[17:05-17:25]

Nuclear Structures and Reactions by the Deformed Quasi-particle
Random-phase Approximation (DQRPA) / 하은자, 천명기(숭실대), 김
 경식(한국항공대)

CG-11[17:25-17:45]

The effect of magnetic fields in neutron star / 류충열, 천명기
 (숭실대)

원자핵물리학과 총회

2010년 4월 21일 수요일 17:45 - 18:00

장 소 : 209-210-211호

[CG3] 원자핵물리학과회 General Session : 실험

2010년 4월 22일 목요일 11:15 - 13:15

장 소 : 107-108호

좌 장 : 박세환(원자력연)

CG-12[11:15-11:35]

Standard data reference service of ROSATOM state corporation
for atomic power / GOLASHVILI Tengis(ROSATOM Scientific Data
 Center)

CG-13[11:35-11:55]

The Engineering Design of a Superconducting Magnet for 28
GHz ECR Ion Source / 이병섭, 박진용, 원미숙, 윤장희(한국기초과학지
 원연구원)

CG-14[11:55-12:15]

방사성 이온빔 생성 장치 설계 및 방사성 이온빔 세기 및 순도 계산 /
 윤종철, 김장열, 문준영, 이춘식(중앙대)

CG-15[12:15-12:35]

Bridgman법을 이용한 CsI:Na 단결정 육성과 섬광 특성에 대한 연구 /

천종규, 김홍주(경북대), 김성환(청주대)

CG-16[12:35-12:55]

Gas Control System With PLC For PNU-RICH2 / CHANGWOOK SON, JUNGYU YI, KUNSU OH, JIHYE SONG, SONGSIK EUM, IN-KWON YOO(Pusan National University)

CG-02[12:55-13:15]

The Status Report about Establishment of the Compact Linear Accelerator using 28 GHz ECR Ion Source / 원미숙, 박진용, 김종필 (한국기초과학지원연구원), 김동준(부경대), 정승호(한국원자력연구원), 이병섭(한국기초과학지원연구원)

**[BF1] 원자핵물리학과회 Focus Session : 원자핵-입자-천체물리학
분과회 공동세션**

2010년 4월 22일 목요일 13:30 - 15:30

장 소 : 107-108호

좌 장 : 이형원(인제대)

BF-01(초)[13:30-14:10]

Transport model study of deuteron production in relativistic heavy ion collisions / 오용석(경북대)

BF-02(초)[14:10-14:50]

Status of the LHC and the First Results from CMS for the Charged Hadron Distribution in pp collisions at $\sqrt{s} = 0.9$ and 2.36 TeV / SIM Kwang-Souk(Korea University, Dept. of Physics)

BF-03(초)[14:50-15:30]

Current Issues of Astronomy and Astrophysics : Origin of Galaxies and Planets / LEE Hyung Mok(Department of Physics and Astronomy, Seoul National University)

[DT1] 응집물질물리학분과회 Tutorial Session : NMR & Kondo Transport

2010년 4월 21일 수요일 13:30 - 15:30

장 소 : 301호

좌 장 : 이순철(KAIST)

DT-01(초) [13:30-14:30]

Nuclear Magnetic Resonance in ferromagnetic materials : Study of the structural and magnetic properties of thin films, multi-layers and nano-composites / MENY Christian(Institut de Physique et Chimie des Matériaux de Strasbourg(Institute of Physics and Chemistry for Materials of Strasbourg), UMR 7504 ULP-ECPM-CNRS, BP 43, 23 rue du Loess, 67034 Strasbourg Cedex 2, France)

DT-02(초) [14:30-15:30]

Kondo Transport in Steady-State Nonequilibrium / 홍종배(서울대)

[DG1] 응집물질물리학분과회 General Session : 강상관계

2010년 4월 22일 목요일 09:00 - 11:00

장 소 : 101-102호

좌 장 : 정중현(부경대)

DG-01(초) [09:00-09:30]

Superprotonic Phase Transitions in Hydrogen-Bonded Crystals and Topochemical Nature / LEE Kwang-Sei(Inje University, Department of Nano Systems Engineering)

DG-02(초) [09:30-10:00]

Neutron Diffraction of the Single Crystal Structure of Hydrogen-Bonded materials / OH In-Hwan(Neutron Science Division, KAERI)

DG-03(초) [10:00-10:30]

Photo-Induced Mott Metal-Insulator Transition and Oscillation in VO₂ / KIM Hyun-tak(ETRI, MIT Lab.), LEE Yong Wook(Pukyung Nat. Univ., Electrical Engineering), SEO Gi Wan(U. of Science and Technology, MIT Lab.), KIM Bong-jun(ETRI, MIT Lab.)

DG-04 [10:30-10:45]

Chemical reconstruction at LaMnO₃ / SrTiO₃ interface / CHOI Woo Seok, JEONG Da Woon(Seoul National University), SEO Sung Seok A.(Oak Ridge National Laboratory), JANG Seung Yup, KIM Tae Heon(Seoul National University), LEE Ho Nyung(Oak Ridge National Laboratory), LEE Yun Sang(Soongsil University), NOH Tae Won(Seoul National University)

DG-05 [10:45-11:00]

Reduced critical field for metamagnetic transition in a (Bi,Sm)FeO₃ single crystals / OH Yoon Seok, JEON B. G.(Department of Physics and Astronomy, Seoul National University, Seoul, 151-747, South Korea), KAN D.(Department of Materials Science and Engineering, University of Maryland, College Park, Maryland 20742, USA), KIM Jae Wook, KHIM Seunghyun(Department of Physics and Astronomy, Seoul National University, Seoul, 151-747, South Korea), CHOI Eun Sang(NHMFL/Physics, Florida State University, Tallahassee, Florida 32310, USA), TAKEUCHI I.(Department of Materials Science and Engineering, University of Maryland, College Park, Maryland 20742, USA), KIM Kee Hoon(Department of Physics and Astronomy, Seoul National University, Seoul, 151-747, South Korea)

[DF1] 응집물질물리학분과회 Focus Session : Disordered Electron

2010년 4월 22일 목요일 13:30 - 15:30

장 소 : 101-102호

좌 장 : 김기석(APCTP)

DF-01(초) [13:30-13:54]

Effect of impurities on two-band superconductors - breakdown of Anderson Theorem / NG Tai Kai(Hong Kong Univ.)

DF-02(초) [13:54-14:18]

Disorder and impurity effects in topological systems / SHINDOU Ryuichi(RIKEN)

DF-03(초) [14:18-14:42]

Topological Anderson Insulator and its Topological Characterization / LEE Hyun-Jung(APCTP)

DF-04(초) [14:42-15:06]

Entanglement spectrum evolution in a fractional quantum Hall-droplet / HU Zi-xiang(APCTP)

DF-05(초) [15:06-15:30]

Role of disorder in heavy fermion criticality / TRAN Minh-Tien (APCTP)

[DG2] 응집물질물리학분과회 General Session : 나노물리

2010년 4월 22일 목요일 15:45 - 17:15

장 소 : 101-102호

좌 장 : 김주진(전북대)

DG-06 [15:45-16:00]

Nonvolatile Memory Devices Based on Few-Layer Graphene

Films / DOH Yong-Joo(Dept. of Display and Semiconductor Physics, Korea University Sejong Campus), YI Gyu-Chul(Dept. of Physics and Astronomy and National Creative Research Initiative Center for Semiconductor Nanorods, Seoul Nat'l University)

DG-07 [16:00-16:15]

Different transient absorptions between single and multilayer graphene observed by the non-degenerate pump-probe spectroscopy / YEE Kiju, KIM Ji-Hee(충남대 물리학과), JUNG Myung-Hee, HONG Byung-Hee(성균관대 화학과)

DG-08 [16:15-16:30]

Reconstruction of carbon atoms at edge and defects of graphene nanoribbon / GUN-DO Lee, NONG-MOON Hwang, EUIJOON Yoon (Department of Materials Science and Engineering, Seoul National University), CAI-ZHUANG Wang, KAI-MING Ho(Department of Physics, Iowa State University)

DG-09 [16:30-16:45]

Verification of CVD-Grown Graphene with Scanning Probe Microscopy / BAEK Hongwoo, HWANG Beomyong, HA Jeonghoon (Seoul National University, Department of Physics and Astronomy), EGUCHI Toyooki, HASEGAWA Yukio(University of Tokyo, Institute for Solid State Physics), KUK Young(Seoul National University, Department of Physics and Astronomy)

DG-10 [16:45-17:00]

The atomic and electronic properties of hydrogenated armchair graphene nanoribbons / 최덕현, 방준혁, 장기주(KAIST 물리학과)

DG-11 [17:00-17:15]

Electrolyte-Gated Field-Effect Transistors (FETs) Based on Single Conducting Polyaniline (PANI) Nanowire / LEE Seung-Yong(Chonbuk National University), LIM Hyuneui, CHOI Gyoung-Rin(Korean Institute of Machinery and Materials (KIMM)), KIM Tae-Hong, HYUNG Jung-Hwan, KIM Dong-Joo, SEO Deok-Won, LEE Chan-Yang, KIM Gil-Sung, LEE Sang-Kwon(Chonbuk National University)

[DG3] 응집물질물리학회 General Session : 나노물리 & 표면/계면

2010년 4월 23일 금요일 09:00 - 11:00

장 소 : 101-102호

좌 장 : 김윤기(광운대)

DG-12(초) [09:00-09:30]

First-principles Approach to Understanding of Thermoelectric

Materials / SONG JUNG-HWAN, FREEMAN ARTHUR J.(Dept. of Physics and Astronomy, Northwestern University, Evanston, IL 60208 USA), KIM MIYOUNG(Division of Energy System Research, Ajou University, Suwon 443-749 Korea)

DG-13 [09:30-09:45]

Origin of the hole gas in Ge/Si core-shell nanowires / PARK Ji-Sang, RYU Byungki(Department of Physics, KAIST), MOON Chang-Youn(Department of Physics and IPAP, Yonsei University), CHANG Kee Joo(Department of Physics, KAIST)

DG-14 [09:45-10:00]

Interplay between Orbital and Cohesive Interactions in Ca-Decorated C60 / LE VIET Duc(KAIST, Department of Chemistry), KIM Yong-Hyun(KAIST, Graduate School of Nanoscience and Technology)

DG-15 [10:00-10:15]

Evaluation of semiconducting/metallic ratio of single wall carbon nanotubes with NHFA by absorption and Resonant Raman scattering / MIN Kyoung In(Advanced Photonics Research Institute, GIST, Gwangju 500-712, Korea., Department of Physics, Chonbuk National University, Jeonju 561-756, Korea.), KIM Yong Hwan, KIM Jaesu(Advanced Photonics Research Institute, GIST, Gwangju 500-712, Korea.), JEONG Hyun(Department of Physics, Chonbuk National University, Jeonju 561-756, Korea., Major of Semiconductor Science & Technology, Chonbuk National University, Jeonju 561-756, Korea.), KIM Ki Kang(3Department of Physics, Center for Nanotubes and Nanostructured Composites, Sungkyunkwan University, Suwon 440-746, Korea.), OH Myoung Kyu(Advanced Photonics Research Institute, GIST, Gwangju 500-712, Korea.), CHOI Soo Bong(Department of Physics, Ajou University, Suwon, Korea), RHO Heesuk(Department of Physics, Chonbuk National University, Jeonju 561-756, Korea.), LEE Young Hee(Department of Physics, Center for Nanotubes and Nanostructured Composites, Sungkyunkwan University, Suwon 440-746, Korea.), JEONG Mun Seok(Advanced Photonics Research Institute, GIST, Gwangju 500-712, Korea.)

DG-16 [10:15-10:30]

Metal-inserted Porphyrins Adsorbed on Zigzag-edged Graphene Nanoribbons / KIM Gunn(Kyung Hee University, Department of Physics), RYOU Junga(Sejong University, Department of Physics and Institute of Fundamental Physics), KWON Young-Kyun(Kyung Hee University, Department of Physics), HONG Suklyun(Sejong University,

Department of Physics and Institute of Fundamental Physics)

DG-17 [10:30-10:45]

Superconductivity on Nb/Si(111) System : a Scanning Tunneling Microscopy and Spectroscopy Study / 국 양, 전상준, 김성민(서울대), 서환수(삼성 종합기술원)

DG-18 [10:45-11:00]

Current Status of a Neutron Guide Installation and Its First Performance Test Result at KAERI / 조상진, 조영갑, 이창희, 이기홍 (한국원자력연구원)

[DG4] 응집물질물리학분과회 General Session : 바이오 & 유기물

2010년 4월 23일 금요일 11:15 - 12:15

장 소 : 101-102호

좌 장 : 윤완수(표준원)

DG-19(초) [11:15-11:45]

Scanned-Probe Detection of Electron Spin Resonance from Organic Spin Labels / LEE SangGap, MOORE Eric, HICKMAN Steven, WRIGHT Sarah(Dept. of Phys., Cornell University), HARRELL Lee(Dept. of Phys., U.S. Military Academy), BORBAT Peter, FREED Jack, MAROHN John(Dept. of Phys., Cornell University)

DG-20 [11:45-12:00]

Voltage-Dependent Photoresponse of a Solid-State Polymer / CHOI Jaewu(경희대), KIM Daeyoung(육군사관)

DG-21 [12:00-12:15]

Mechanism of charge injection enhancement through a buffer layer at the metal/organic interfaces / YOON HongKee, YOON Choon Sup(Dept. of Physics, KAIST)

D

[EF1] 응용물리학분과회 Focus Session: Organic Electronics and Photonics

2010년 4월 21일 수요일 13:30 - 15:30

장 소 : 103-104호

좌 장 : 우정원(이화여대)

EF-01(초) [13:30-14:10]

Molecular transistors with orbital gating / 이탁희(광주과학기술원, 신소재공학과)

EF-02(초) [14:10-14:50]

Majority Carrier Type Conversion in a Solution-processible Monolithic Organic Semiconductor / RIBIERRE Jean Charles(Supramolecular Science Laboratory, RIKEN)

EF-03(초) [14:50-15:30]

Optical Sensing of Stress Markers Based on Surface Plasmon Spectroscopy / FUKUDA Nobuko(National Institute of Advanced Industrial Science and Technology (AIST), Japan)**[EG1] 응용물리학분과회 General Session: Metamaterials and Photonics**

2010년 4월 22일 목요일 09:00 - 11:00

장 소 : 103-104호

좌 장 : 이삼현(연세대)

EG-01 [09:00-09:20]

Realization of Acoustic Cloaking / PARK C. M.(Anyang University, AEE Center), SEO Y. M.(Dept. of Physics, Myongji University), LEE S. H., PARK J. J., BAE C. M., KIM C. K., LEE S. H.(Institute of Physics and Applied Physics, Yonsei University)

EG-02 [09:20-09:40]

Optical Tunings of Multiple Selective Reflections from Polymeric Liquid Crystal Systems / HA Na Young(Department of Physics and Division of Energy Systems Research, Ajou University, Korea), JEONG Soon Moon, NISHIMURA Suzushi(Central Technical Research Laboratory, Nippon Oil Corporation, Japan), TAKEZOE Hideo(Department of Organic and Polymeric Materials, Tokyo Institute of Technology, Japan)

EG-03 [09:40-10:00]

Numerical Realization of Negative Magnetic Permeability Using Single and Double Split-Ring Resonator Excited by Quasi-TEM Mode / LEE Hee-Jo, YOOK Jong-Gwan(Yonsei University, Department

of Electrical and Electronic Engineering)

EG-04 [10:00-10:20]

Optical control of linear dichroism in metamaterial-twisted nematic liquid crystal structure in NIR regime / KANG Boyoung, WOO J.H., CHOI E., LEE Hyun-Hee, KIM E.S.(Department of Physics and Quantum Metamaterials Research Center, Ewha Womans University, Seoul, Korea), HWANG Tae-Jong, PARK Young-Soon, KIM D.H. (Department of Physics, Yeungnam University, Gyeongsan, Korea), WU J. W.(Department of Physics and Quantum Metamaterials Research Center, Ewha Womans University, Seoul, Korea)

EG-05 [10:20-10:40]

A New Acoustic Double Negative Metamaterial / 서용문(명지대), 배찬미, 박종진, 이승환, 김철구, 이삼현(연세대)

[EG2] 응용물리학회 General Session: Nanostructures and Materials

2010년 4월 22일 목요일 11:15 - 13:15

장 소 : 103-104호

좌 장 : 김동욱(이화여대)

EG-06 [11:15-11:30]

Spin-capable multi-walled carbon nanotubes and the properties of flexible transparent conductive film / MAHM seung Hoon, JANG Hoon-Sik, JEON Sang Koo, LEE Hae Moo(한국표준과학연구원)

EG-07 [11:30-11:45]

Large Area Fabrication of Mono- and Few-layer Graphene with Various Pulse Gas Ratio(CH_4/H_2) using by Rapid Thermal Pulse CVD (RTP-CVD) / 성낙진, 나신혜(충남대), 최규정, 신용철(NCD technology), 윤순길(충남대)

EG-08 [11:45-12:00]

Nickel thin films for transparent polarizing electrodes / CHOI Jaewu, LEE Chang-Mook(경희대)

EG-09 [12:00-12:15]

Synthesis and functionalization of CuInS_2 nanoparticles on ZnO nanowire for optical applications / RAGHAVAN C(Institute of Basic Sciences, Sungkyunkwan University), ZAHID Ali(Department of Energy Science, and Institute of Basic Sciences, Sungkyunkwan University), RHEN Danielle(BK21 Physics Research Division, and Institute of Basic Sciences, Sungkyunkwan University), 강대준(BK21 Physics Research Division, Department of Energy Science, SKKU Advanced Institute of Nanotechnology, and Institute of Basic Sciences, Sungkyunkwan University)

E

EG-10 [12:15-12:30]

Piezoelectric Charge Generating Behaviors in Transparent Flexible Nanogenerators / PARK Hyun-Kyu, LEE Keun Young, BRI-JESH Kumar(Sungkyunkwan University, School of Advanced Materials Science and Engineering), CHOI Dukhyun, CHOI Jae-Young(Samsung Advanced Institute of Technology), KIM Sang-Woo(Sungkyunkwan University, School of Advanced Materials Science and Engineering, SKKU Advanced Institute of Nanotechnology(SAINT), Center for Human Interface Nanotechnology(HINT))

EG-11 [12:30-12:45]

Determination of temperature and flux variation during ultra-thin InGaN quantum well growth on a 2" wafer for GaN Green LED / 김효정(Department of Materials Science and Engineering, Seoul National University), 김민호(Central R&D Institute, Samsung Electro-Mechanics Co.), 이현휘(Beamline Division, Pohang Accelerator Laboratory)

EG-12 [12:45-13:00]

Thermal conductivity of bismuth telluride nanowires aligned in an anodic alumina template / NGO D. N. Thach(한국표준과학연구원), 신호선, 유 진(한국과학기술원), 송재용, 여호기(한국표준과학연구원)

EG-13 [13:00-13:15]

Co-sputtering법을 이용한 CuInSe₂(CIS) 광흡수층의 후열처리 온도에 따른 특성 / 김해진, 김동영, 서성보, 이종영, 박승환, 김화민(대구가톨릭대)

[EF2] 응용물리화학분과회 Focus Session: Medical Physics

2010년 4월 23일 금요일 09:00 - 10:45

장 소 : 103-104호

좌 장 : 황도근(상지대)

EF-04(초) [09:00-09:30]

뇌기계 인터페이스 기술 동향 / 이충희(한국과학기술정보연구원 ReSEAT 프로그램)

EF-05(초) [09:30-09:55]

관절 스트레칭 장치를 이용한 강한 펄스자기장 자극이 발목관절에 미치는 영향 / 고인숙, 김선욱, 조규일(상지대), 백주열(고려대), 최상대, 이종수((주)누가의료기기), 성수원(고려대), 황도근(상지대)

EF-06(초) [09:55-10:20]

Studying Cerebral Hemodynamic Response with Optical Imaging / SUH Minah(성균관대)

EF-07(초) [10:20-10:45]

Investigation of Cerebral Hemodynamics Using Near Infra-Red Spectroscopy (NIRS) / KIM Beop-Min(Department of Biomedical Engineering, Korea University, Korea)

[FG1] 통계물리학분과회 General Session

2010년 4월 21일 수요일 13:30 - 15:30

장 소 : 206-207-208호

좌 장 : 국형태(경원대)

FG-01(초)[13:30-14:00]

[용봉상 수상 기념 강연] Phase Transitions and critical Behaviors in Random K-satisfiability Problems/ HA Meesoon(KAIST)

FG-02(초)[14:10-14:40]

Evolutionary Advantage Of Small Populations On Complex Fitness Landscapes/ JAIN Kavita(Theoretical Sciences Unit and Evolutionary and Organismal Biology Unit, Jawaharlal Nehru Centre for Advanced Scientific), KRUG Joachim(Institute of theoretical Physics, University of Cologne), PARK Su-Chan(가톨릭대)

FG-03(초)[14:50-15:20]

Self-Consistent Field Theory of Block Copolymer Thin Films / KIM Jaep(울산과학기술대)

F

[FG2] 통계물리학분과회 General Session

2010년 4월 21일 수요일 15:45 - 17:45

장 소 : 206-207-208호

좌 장 : 박형규(KIAS)

FG-04[15:45-16:00]

Uncovering fundamental symmetry-breaking vector and its reliability order underlying secondary structures of proteins / 유우경(부산대), 이웅희, 이원태(연세대), 김석만, 장익수(부산대)

FG-05[16:00-16:15]

The oligomerisation of Abeta peptide fragments / 천무경, 장익수(부산대)

FG-06[16:15-16:30]

Origin of two scaling behaviors in resistance switching/ 이재성, 이신범, 장서형, GAO Ligang, 유향근(서울대), 강보수(한양대), 노태원, 강병남(서울대)

FG-07[16:30-16:45]

Self-Organized Structure of a Micelle-Polyelectrolyte Complex / 문준혁(한국과학기술원, 물리학과), 안치원(나노종합펍센터), 김만원(한국과학기술원, 물리학과)

FG-08[17:00-17:15]

Dynamics of nanoparticles at liquid-liquid interfaces : a simulation

study via lattice Boltzmann method / KIM Eunhye(Department of Suwon, The University of Suwon), STRATFORD K.(EPCC, The University of Edinburgh, UK), CATES M.E.(School of Physics and Astronomy, The University of Edinburgh, UK)

FG-09[17:15-17:30]

Toppling Asymmetry in Directed Sandpile Models / JO Hang-Hyun (KIAS), HA Meesoon(KAIST)

FG-10[17:30-17:45]

Spontaneous Current Induced by Symmetry Breaking in a System of Random Frequency Oscillators / UM Jaegon, PARK Hyunggyu(Korea Institute for Advanced Study), HONG Hyunsuk(Chonbuk National University), MARCHESONI Fabio(University of Camerino)

[FG3] 통계물리학회 General Session

2010년 4월 22일 목요일 14:30 - 15:25

장 소 : 206-207-208호

좌 장 : 김진민(숭실대)

FG-11(초)[14:30-15:00]

Understanding Intrinsic Dynamics of Financial Markets through Nonlinear Dynamics & Complex Time Series analysis / 오갑진 (조선대)

FG-12[15:10-15:25]

Impact Velocity Dependence of Coefficients of Restitution for nanodroplets / KIM Sangrak(Kyonggi Univ.)

[FG4] 통계물리학회 General Session

2010년 4월 22일 목요일 15:45 - 17:15

장 소 : 206-207-208호

좌 장 : 박혁규(부산대)

FG-13[15:45-16:00]

Neural Coherence Measure Based on Global-Local Correlations / LIM Woochang(Ajou University, Department of Physics), KIM Sang-Yoon(Kangwon National University, Department of Physics)

FG-14[16:00-16:15]

Global organization of protein complexome in the yeast *Saccharomyces cerevisiae* / LEE Sang Hoon(Department of Physics, KAIST), KIM Pan-Jun(Institute for Genomic Biology, University of Illinois at Urbana-Champaign, Urbana, IL 61801, USA), JEONG Hawoong(Department of Physics, KAIST)

FG-15[16:15-16:30]

Critical value of ratio for market stability in the dynamics as evolving game / 안상현, 김수용(한국과학기술원, 물리학과), 김경식(부경대)

FG-16[16:45-17:00]

Scaling Behaviors of Multifractals in Two-dimensional Structures / 정재원, 장기호(기상연구소), 김수용(한국과학기술원, 물리학과), 김경식(부경대)

FG-17[17:00-17:15]

Classification Of Organisms Using Back-up Pathways In Metabolic Networks / HAN Kookyoung(Department of Physics and Astronomy, Seoul National University), LEE D.S.(Department of Natural Medical Sciences, Inha University), KAHNG B.(Department of Physics and Astronomy, Seoul National University)

F

통계물리학과 총회

2010년 4월 22일 목요일 17:15 - 17:45

장 소 : 206-207-208호

[GG1] 물리교육분과회 General Session

2010년 4월 22일 목요일 15:45 - 17:45

장 소 : 209-210-211호

좌 장 : 이봉우(단국대)

GG-01[15:45-16:00]

벡터연산에 대한 일반물리실험 수업안 / 이호연, 우시관, 박병윤(충남대)

GG-02[16:00-16:15]

소형 망원경과 개조된 DSLR카메라를 이용한 천체 관측 / 류성룡(금오공과대), 정연희(풍양중)

GG-03[16:15-16:30]

물리 교사들의 물리기본상수에 대한 이해 수준과 물리교수-학습에 대한 이해 / 김성원, 이수정(이화여자대)

GG-04[16:30-16:45]

Force in physics education / MINN JOOHA(목포대)

GG-05[16:45-17:00]

현대물리학과 동양사상 / HWANG wonsang(한국기술교육대)

GG-06[17:00-17:15]

과학영재학생들의 작용·반작용, 협력, 알짜힘에 대한 이해 및 힘의 관계를 표현한 화살표의 특징 / 송영욱(청주교육대), 김범기(한국교원대), 노재준(대전과학고), 정병훈, 박상우(청주교육대)

GG-07[17:15-17:30]

고속카메라를 이용한 창의적 교수-학습자료 개발- 일상생활에서 일어나는 현상 관찰중심으로 - / JEE Chan Soo, KIM Moon Sub(강원대)

GG-08[17:30-17:45]

일반물리학 교수학습방법에 대한 논의 1 - 회전운동 및 각운동량 보존 / 이봉우(단국대)

[HP1] 플라스마분과회 Pioneering Symposium : Korea-Taiwan Joint Symposium in Plasma Physics

2010년 4월 22일 목요일 09:00 - 11:00

장 소 : 206-207-208호

좌 장 : 황용석(서울대)

HP-01(초)[09:00-09:30]

Research Plan and Status of Turbulent Transport in the WCI center / KIM J.Y., WCI TEAM(NFRI(national Fusion Research Institute))

HP-02(초)[09:30-10:00]

Micro-structure and Motion in Dusty Plasma Liquids / I Lin(Department of Physics, National Central University, Jhongli, Taiwan 32001, Republic of China)

HP-03(초)[10:00-10:30]

Status of 3-D Microwave Imaging Systems for Plasma Diagnostics / PARK Hyeon K.(POSTECH, Pohang, Korea)

HP-04(초)[10:30-11:00]

Theory for Neoclassical Toroidal Plasma Viscosity in Tokamaks / SHAING K. C.(National Cheng Kung University, Tainan, 70101 TAIWAN), SABBAGH S. A.(Columbia University, New York, NY 10027), CHU M. S.(General Atomics, San Diego, CA 92185)**[HP2] 플라스마분과회 Pioneering Symposium : Korea-Taiwan Joint Symposium in Plasma Physics**

2010년 4월 22일 목요일 11:15 - 13:15

장 소 : 206-207-208호

좌 장 : 민경욱(과기원)

HP-05(초)[11:15-11:45]

Physics of Substorms / CHENG C. Z., CHANG T. F.(Plasma and Space Science Center, National Cheng Kung University, Tainan, Taiwan)

HP-06(초)[11:45-12:15]

Mode Conversion in Space Plasma Waves / LEE Dong-Hun(Kyung Hee Univ, School of Space Research), KIM Kihong(Ajou Univ), JO-HNSON Jay, KIM Eun-Hwa(Princeton Plasma Physics Lab)

HP-07(초)[12:15-12:45]

Characteristics and Physics of Collisionless Plasma in Solar System / HAU Lin-Ni(Institute of Space Science and Department of Physics)

HP-08(초)[12:45-13:15]

Magnetized Turbulence in Astrophysical Plasmas / CHO J. Y.
(Chungnam National University)

**[HP3] 플라스마분과회 Pioneering Symposium : Korea-Taiwan Joint
Symposium in Plasma Physics**

2010년 4월 23일 금요일 09:00 - 11:00

장 소 : 206-207-208호

좌 장 : 석희용(광주과학기술원)

HP-09(초)[09:00-09:30]

Development and application of plasma-waveguide based soft x-ray lasers / WANG Jyhyng(Institute of Atomic and Molecular Sciences, Academia Sinica, Taipei, TAIWAN, Department of Physics, National Central University, Jhongli, TAIWAN), LIN Jiunn-Yuan (Department of Physics, National Chung Cheng University, Minhsiung, TAIWAN), CHEN Szu-yuan(Institute of Atomic and Molecular Sciences, Academia Sinica, Taipei, TAIWAN, Department of Physics, National Central University, Jhongli, TAIWAN), CHU Hsu-Hsin(Department of Physics, National Central University, Jhongli, TAIWAN), CHOU Ming-Chang, LIN Ping-Hsun(Institute of Atomic and Molecular Sciences, Academia Sinica, Taipei, TAIWAN)

HP-10(초)[09:30-10:00]

New Alternative Approach to Robust Equilibrium Reconstruction under Large Measurement Uncertainty in KSTAR / JEON YoungMu, NAM YongUn, YOON Siwoo(National Fusion Research Institute)

HP-11(초)[10:00-10:30]

Simulation study on proton/ion acceleration mechanisms by using PW class ultraintense short pulse lasers / PAE K. H., CHOI I. W., LEE J.(Advanced Photonics Research Institute, GIST, Rep. of Korea)

HP-12(초)[10:30-11:00]

8-MeV Laser-Driven Proton Generation Using Ultrashort Intense Laser / CHOI IL Woo, KIM I Jong, PAE Ki Hong, LEE Chang-Lyoul, NAM Kee Hwan, YUN Hyeok, YU Tae Jun, LEE Seong Ku, SUNG Jae Hee, LEE Jong Min(GIST)

[IG1] 광학 및 양자전자학분과회 General Session

2010년 4월 22일 목요일 11:15 - 12:15

장 소 : 209-210-211호

좌 장 : 이기주(충남대)

IG-01(초)[11:15-11:45]

널리 사용하는 헬륨-네온 레이저의 주파수 및 파장 값은 얼마인가 ? /

서호성(SUH Ho Suhng), 유한영(RYU Han Young), 이성현(LEE Sung Hun), 이원규(LEE Won-Kyu)(한국표준과학연구원, 길이시간센터), 문한섭(MOON Han Seb)(부산대)

IG-02[11:45-12:00]

Enhancement of second harmonic generation through dual localization and Bragg reflection in a nonlinear photonic structure with a defect / 김상범, 김기홍, 이상민(아주대 에너지시스템학부)

IG-03[12:00-12:15]

Alignment methods using 1×8 Geiger-mode avalanche photodiode arrays in laser radar system / KIM Tae Hoon, KONG Hong Jin, OH Min Seok, HONG Keun Ho(한국과학기술원, 물리학과)**[IG2] 광학 및 양자전자학분과회 General Session**

2010년 4월 22일 목요일 14:00 - 15:00

장 소 : 209-210-211호

좌 장 : 김윤호(POSTECH)

IG-04[14:00-14:15]

Self-phase modulation induced quadrature squeezing in nonlinear media / JU Heongkyu, LEE Eun-Cheol(College of Bionano Technology, Kyungwon University), YANG Suk Kyun(Economics, College of Letters and Science, University of California at Los Angeles)

IG-05[14:15-14:30]

Isolated Attosecond Pulse Generation by Two-color Polarization-gated Few-cycle Laser Pulses / 고동혁(한국과학기술원, 물리학과), 김경택(광주과학기술원, 고등광기술연구소), 이재환, TRUNG Lu Tran, 남창희(한국과학기술원, 물리학과)

IG-06[14:30-14:45]

The comparison of BB84 with SARG04 quantum cryptography protocol in optical fiber / 정연창, 김용수, 김윤호(POSTECH, physics)

IG-07[14:45-15:00]

Development of Three-dimensional Imaging LADAR system using Time Correlated Single Photon Counting / OH Min Seok, KONG Hong Jin, KIM Tae Hoon(KAIST, Physics dept.), KIM Byung Wook, PARK Dong Jo(KAIST, Electrical Engineering dept.)

[JG1] 원자 및 분자물리학분과회 General Session

2010년 4월 23일 금요일 10:30 - 12:15

장 소 : 209-210-211호

좌 장 : 박창용(표준원)

JG-01(초)[10:30-11:00]

Atomic and Molecular Data for Plasma Applications / YOON Jung-Sik, SONG Mi-Young, KWON Duck-Cheol, JHANG Won-Seok(National Fusion Research Institute, Data Center for Plasma Properties)

JG-02[11:00-11:15]

Difficulties in analytic computation for relative entropy of entanglement / 정이리, 김홍수, 박대길, 김무성, 장갑수, 황미라, 손진우 (경남대)

JG-03

발표 취소

JG-04[11:15-11:30]

펌프-프로브 전자 간섭계의 이론적 분석 / 최낙렬, 이민호(금오공대 자연과학부), LIN, C.D.(Kansas State University, Department of Physics), JIANG, T.F.(National Chiao Tung University, Institute of Physics), MOTISHITA, T.(University of Electro-Communications, Department of Applied Physics and Chemistry)

JG-05[11:30-11:45]

빠른 빛 펄스의 광자 수 통계 측정 / 문한섭, 배인호, 이희정(부산대, 물리학과), 조영욱, 김윤희(포항공대, 물리학과)

JG-06[11:45-12:00]

Saturation of a transition between two levels in a three-level Λ configuration / 조동현, 정지은, 한혁상(고려대)

**[KI1] 반도체물리학회 International Session: 2010 Korea-Japan
Joint Workshop on Semiconductor Physics and Technology
- Wide Bandgap Semiconductors**

2010년 4월 21일 수요일 09:45 - 12:00

장 소 : 105-106호

좌 장 : Cheol-Koo HAHN(KETI)

[09:45-10:00]

Welcoming Address / MIN Soek Kee(KyungHee Univ), TOKUMITSU Eisuke(Tokyo Institute Technology)

KI-01(초) [10:00-10:30]

Development of zinc oxide and its related materials and structures / OHASHI Naoki(Optronics Materials Center & International Center for Materials Nanoarchitectonics (MANA))

KI-02(초) [10:30-11:00]

Internal Quantum Efficiency in InGaN-based Light Emitting Diodes / SHIM Jong-In(Dept. of Electronics & Communication Eng., Hanyang University, Ansan 426-791, KOREA)

KI-03(초) [11:00-11:30]

How to realize 100% quantum efficiency by nitride-LEDs ? / AMANO H.(School of Engineering Electrical Engineering and Computer Science, Nagoya University)

KI-04(초) [11:30-12:00]

Normally-off GaN MOSFET Technologies for Power Application / LEE Jung-Hee(Advanced Semiconductor Technology Laboratory (ASTL))

**[KI2] 반도체물리학회 International Session: 2010 Korea-Japan
Joint Workshop on Semiconductor Physics and Technology
- Wide Bandgap Semiconductors**

2010년 4월 21일 수요일 14:00 - 15:30

장 소 : 105-106호

좌 장 : Jung-Hee LEE(Kyungpook Nat'l Univ.)

KI-05(초) [14:00-14:30]

Present Status of Frontier Research on Nitride Semiconductor Optoelectronic Devices / NANISHI Yasushi(Ritsumeikan University, Japan, Seoul National University, Korea)

KI-06(초) [14:30-15:00]

Properties of ZnO grown by MBE / LEE H.G., HA J.M., LEE S.W., KIM J.M., KWAK J.G., JEON S.J.(Epi-technology center,

Quantum Device, 355-1, Gian Dong, WhaSeung Si, Gyunggi Do, 445-310, South Korea.)

KI-07(초) [15:00-15:30]

Nitride Semiconductor FETs and Diodes for Power Switching Applications / KUZUHARA Masaaki(Graduate School of Engineering, University of Fukui)

[KI3] 반도체물리학회 International Session: 2010 Korea-Japan Joint Workshop on Semiconductor Physics and Technology - Wide Bandgap Semiconductors

2010년 4월 21일 수요일 16:00 - 17:45 장 소 : 105-106호
좌 장 : Yasushi NAMISHI(Ritumeikan Univ., Seoul Nat'l Univ.)

KI-08(초) [16:00-16:30]

AFM-Assisted Local Oxidation on 4H-SiC / KOO Sang-Mo(Dept. of Electronic Materials Engineering, Kwangwoon Univ., Seoul 139-701, Korea)

KI-09(초) [16:30-17:00]

Progress and Future Challenges of High-Voltage SiC Power Devices / KIMOTO T., SUDA J., NISHI Y.(Department of Electronic Science & Engineering, Kyoto University)

KI-10(초) [17:00-17:30]

Improved 4H-SiC MOS interface produced by oxidized-SiN gate oxide / MOON Jeong Hyun(School of Materials Science and Engineering, Seoul National University,), CHEONG Kuan Yew(School of Materials and Mineral Resources Engineering, Universiti Sains Malaysia,), YIM Jeong Hyuk, SEO Han Seok, LEE Do Hyun, KIM ChangHyun(School of Materials Science and Engineering, Seoul National University,), BAHNG Wook, KIM Nam Kyun(Center for Energy Efficient Semiconductors, Korea Electrotechnology Research Institute,), KIM Hyeong Joon(School of Materials Science and Engineering, Seoul National University,)

[17:30-17:45]

Closing Remarks / NOH Samkyu(KRISS)

[KG1] 반도체물리학회 General Session : III-V 화합물 반도체

2010년 4월 22일 목요일 09:00 - 11:30 장 소 : 105-106호
좌 장 : 김진수(전북대)

KG-01(초) [09:00-09:30]

Effect of Chemical Treatment on Dry Etch Damages for

InGaN/GaN Nanopillar Light Emitting Diodes / 이인환, 주진우, 전대우, 장이운(전북대), 이승재, 전성란, 백종협(한국광기술원, LED소자팀)

KG-02(초) [09:30-10:00]

Recent Process Issues of GaN-based Light-Emitting Diodes for High-Power Applications / 김현수, 김성준, 박영준, 정은진(전북대)

KG-03 [10:00-10:15]

Control of crystallographic twins in m-GaN directly grown on m-Al₂O₃ / LEE Hyun-Jae(Tohoku university), CHANG Jiho(한국해양대), GOTO Takenari, YAO Takafumi, FUJII Katsushi(Tohoku university)

KG-04 [10:15-10:30]

PEDOT 나노입자를 이용한 유기/무기 이종접합구조 제작 / 임재영, 김민수, 진선미, 김군식, 조민영, 최현영, 전수민, 임광국(인제대), 이동욱((주) 삼성LED Epi-manufacturing Technology), 김진수(전북대), 김종수(영남대), 손정식(경운대), 이주인(한국표준과학연구원 첨단산업측정그룹)

KG-05 [10:30-10:45]

Three-Dimensional Visualization of Gain and Phase Recovery of Quantum-Dot Semiconductor Optical Amplifiers / KIM Jungho (Department of Information Display, Kyung Hee University)

KG-06 [10:45-11:00]

분광타원편광분석법을 이용한 혼합계면층 연구 / 김태중, 윤재진, 황순용, 김영동, ASPNES David E.(경희대)

KG-07 [11:00-11:15]

나노막대-그래핀 하이브리드 기반 삼차원 나노구조 제조 및 응용 / 박원일, 이정민, 이재석, 이동현(한양대)

KG-08 [11:15-11:30]

이득고정 반도체 광증폭기의 이득영역에서의 Slow light 발생 원리 / 이종민, 박재규, 문승환, 이동한(충남대), CHUANG S. L.(University of Illinois at Urbana-Champaign, Department of Electrical and Computer Engineering)

[KG2] 반도체물리학회분과회 General Session : IV-IV 화합물반도체, 혼정 및 기타

2010년 4월 22일 목요일 11:45 - 12:45

장 소 : 105-106호

좌 장 : 이창렬(광주과학기술원)

KG-09(초) [11:45-12:15]

실리콘 박막 태양전지의 고효율화를 위한 핵심 및 이슈기술 / 조준식(한국 에너지기술연구원 태양광연구단)

KG-10 [12:15-12:30]

수평 배향된 실리콘 나노선 기반 투명전자 소자 제조 및 특성평가/ 박원일, 이동현, 손광수(한양대)

KG-11 [12:30-12:45]

Simulation of Block Copolymer Lithography for sub-10 nm Pattern Formation II: Top-down and Bottom-up Approches / 김상곤, 오혜근, 정영대, 안일신, 권영현(한양대)

[KF1] 반도체물리학회 Focus Session : Si-Based Photonics

2010년 4월 22일 목요일 13:30 - 15:30

장 소 : 105-106호

좌 장 : 김동욱(이화여대)

KF-01(초) [13:30-14:00]

Si 기판상 III-V족 화합물반도체 성장기술 및 이의 소자 응용 / 최원준 (나노융합소자센터, 한국과학기술연구원)

KF-02(초) [14:00-14:30]

ETRI의 실리콘포토닉스 테크놀로지 연구현황 / 김경옥(한국전자통신연구원)

KF-03(초) [14:30-15:00]

Si 기판 위 AlN, GaSb 박막 성장 / 김문덕(충남대)

KF-04(초) [15:00-15:30]

GaN-on-Si 발광다이오드(Light Emitting Diode) 칩기술 / 백종협, 이승재 (한국광기술원)

[KT1] 반도체물리학회 Tutorial Session : Spintronics

2010년 4월 22일 목요일 16:00 - 17:00

장 소 : 105-106호

좌 장 : 임현식(동국대)

KT-01(초) [16:00-17:00]

Magnetic Semiconductor Spintronics: Opportunities and Challenges / LEE Sanghoon(Department of Physics, Korea University)

[KG3] 반도체물리학회 General Session: II-VI 화합물 반도체

2010년 4월 23일 금요일 09:00 - 11:00

장 소 : 105-106호

좌 장 : 김종수(영남대)

KG-12(초) [09:00-09:30]

Complementary Study of the Electro-optical Properties of Individual Semiconductor Nanowires / DOH Yong-Joo(Dept. of Display and Semiconductor Physics, Korea University Sejong Campus)

KG-13(초) [09:30-10:00]

Selective wavelength tuning of quantum dots / 이홍석(광주과학기술원, 고등광기술연구소), RASTELLI Armando, KIRAVITTAYA Suwit, BEN-YOUCHEF Mohamed(IFW Dresden, Institute for Integrative Nanosciences), 김태환(한양대), 박홍이(연세대), SCHMIDT Oliver G.(IFW Dresden, Institute for Integrative Nanosciences)

KG-14 [10:00-10:15]

Ferroelectric and Ferromagnetic Properties of Cr- and Ti-codoped ZnO Thin Films / LEE Youngmin(Dongguk University-Seoul, Department of semiconductor science), LEE Sejoon(Dongguk University-Seoul, Quantum-functional Semiconductor Research Center), RYU Han Tae (Dongguk University-Seoul, Department of semiconductor science), YOON Hyung Do(Korea Electronics Technology Institute, Green Energy Research Center), KIM Deuk Young(Dongguk University-Seoul, Department of semiconductor science)

KG-15 [10:15-10:30]

Enhanced Power Conversion Efficiency of Hybrid Solar Cells with a Ga-Doped ZnO Nanostructured Thin Film Prepared Using Aqueous Solution / 신경식, 이강혁(성균관대), 최덕현(삼성종합기술원), 이현휘(포항가속기센터), 김상우(성균관대)

KG-16 [10:30-10:45]

Physical Properties Of Transition Metal Co-doped ZnO / 강태원, 이재철, SUBRAMANIAM Nagarajan Ganapathi, 이주원, 신찬섭, 박은지, 이지은(동국대)

KG-17 [10:45-11:00]

Hybridizing Organic Solar Cell and Piezoelectric Power Generator for Harvesting Multi-type Energies / 이근영(Sungkyunkwan University, School of Advanced Materials Science and Engineering), 최덕현 (Samsung Advanced Institute of Technology), 박현규(Sungkyunkwan University, School of Advanced Materials Science and Engineering), 최재영(Samsung Advanced Institute of Technology), 김상우(Sungkyunkwan University, School of Advanced Materials Science and Engineering, SKKU Advanced Institute of Nanotechnology(SAINT), Center for Human Interface Nanotechnology(HINT))

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[KF2] 반도체물리학회 Focus Session : Semiconductor THz Technology

2010년 4월 23일 금요일 11:15 - 13:15

장 소 : 105-106호

좌 장 : 한일기(KIST)

KF-05(초) [11:15-11:45]

분광과 측정을 위한 테라헤르츠 주파수빔 / 이대수, 김영찬(한국표준과학연구원)

KF-06(초) [11:45-12:15]

THz Radiation From Semiconductor Surfaces Under Femtosecond Laser Excitation / 강 철, 유형근, 기철식(광주과학기술원 고등광기술연구소 나노광학연구실), 김준호, 이상준, 노삼규(한국표준연구원)

KF-07(초) [12:15-12:45]

Continuous-wave THz generation from low-temperature-grown InGaAs photomixers pumped by a tunable dual-wavelength laser.
/ SHIN Jae-Heon, PARK Kyung Hyun, KIM Namje(ETRI), JEON Min Yong(Chungnam National University), LEEM Young Ahn, LEE Chul Wook, HAN Sang-Pil, SIM Eundeok(ETRI), KIM Youngchan, YEE Dae-Su, KIM Jun Oh, LEE Sang Jun, NOH Sam Kyu(KRISS)

KF-08(초) [12:45-13:15]

차세대 테라헤르츠 광원 및 응용 기술-고출력 연속파 T-ray 기술을 중심으로- / 한성태, 김정일, 전석기, 김근주(한국전기연구원)

[LF1] 천체물리학분과회 Focus Session: Beyond General Relativity

2010년 4월 21일 수요일 13:30 - 15:30

장 소 : 205호

좌 장 : 오정근(수리연)

LF-01(초) [13:30-14:10]

What is the difference between Einstein gravity and Horava-Lifshitz gravity / 명연수(인제대)

LF-02(초) [14:10-14:50]

What is quantum gravity? / 양현석(이화여자대)

LF-03(초) [14:50-15:30]

An astrophysical test of Horava gravity? / 박무인(전북대)**[LG1] 천체물리학분과회 General Session**

2010년 4월 21일 수요일 15:45 - 17:45

장 소 : 205호

좌 장 : 김희일(서울대)/이재원(중원대)

LG-01 [15:45-16:00]

Anisotropic cosmology and initial time singularity on the Randall-Sundrum brane world / 김홍서(한국천문연구원, KVN)

LG-02 [16:00-16:15]

Asymptotic classification of Stringlike geometries in 5-dimensions / 김형찬(충주대), 이정재(대진대), 강궁원(KISTI), 이영원(대진대)

LG-03 [16:15-16:30]

Gravity and dark energy from quantum information / JAE-WEON Lee(Jungwon University), HYEONG-CHAN Kim(Chungju National University), JUNGJAI Lee(Daejin University)

LG-04 [16:30-16:45]

Dark Star from Thermal Dark Matter / KIM Hyung Do(서울대), GONDOLO Paolo(Utah University), SCOPEL Stefano(Sogang University), HUH Ji-Haeng(서울대)

LG-05 [16:45-17:00]

Evolution of Hybrid Stars / KIM Hee Il, LEE Hyung Mok(Seoul National Univ., Department of Physics and Astronomy)

LG-06 [17:00-17:15]

Pair creation of charged black holes in the presence of the domain or bubble wall / LEE Wonwoo(CQeST, Sogang Univeristy),

GWAK Bogeun(Sogang University), LEE Bum-Hoon, MINAMITSUJI Masato(CQUeST, Sogang University)

LG-07 [17:15-17:30]

Interacting dark energy in $f(R)$ gravity / KIM kyoungye, LEE hyungwon, MYUNG yunsoo(인제대)

LG-08 [17:30-17:45]

General Relativistic Hydrodynamic Simulations in Spherical Symmetry / PARK Dongho(Seoul National University & KISTI)

천체물리학회 총회

2010년 4월 21일 수요일 17:45 - 18:00

장 소 : 205호

좌 장 : 이형원(인제대)

[LG2] 천체물리학회 General Session

2010년 4월 22일 목요일 10:00 - 12:00

장 소 : 205호

좌 장 : 박명구(경북대)/김상표(군산대)

LG-09 [10:00-10:15]

Status of Telescope Array UHECR Experiment / 천병구, 김항배, 조은정, 김지현, 신복균(한양대 물리학과), 류동수, 김지희, 노순영(충남대 천문우주학과), 강혜성, 임진희(부산대 지구과학과), 권영준, 조우람, 신재익(연세대 물리학과), 양종만, 박일홍, 남신우, 임선인(이화여대 물리학과)

LG-10 [10:15-10:30]

Upgrade of Silicon Charge Detector of CREAM / LEE Jik, LEE H. Y., LIM Sunin, NAM J. W., NAM S., PARK I. H., YANG J.(이화여자대)

LG-11 [10:30-10:45]

The readout system of Slewing Mirror Telescope(SMT) in Ultra Fast Flash Observatory(UFFO) / KIM Jieun(Research Center of the MEMS Space Telescope(RCMST), Ewha Womans University), LIM Heuijin(Institute for the Early Universe(IEU), Ewha Womans University)

LG-12 [10:45-11:00]

MEMS micromirror array system for prompt detection of photons from GRBs in Ultra Fast Flash Observatory / 남구현, 임희진, LINDER E. V., SMOOT G. F.(이화여자대), GROSSAN B.(Berkeley Center for Cosmological Physics(BCCP)), 박일홍, 남지우, 이 직(이화여자대), 박재형(단국대), 이창환(부산대)

LG-13 [11:00-11:15]

발사 후 MTEL(MEMS Telescope for Extreme Lightning)의 우주운영

결과 및 현재 상황 / 김지은, 나고운, 박일홍, 서정은, 전진아, 정수민, 정애라(이화여자대), 남신우, 남지우, 이 직(기초과학연구소), 박용선, 유형준(서울대), 박재형(단국대), 김용권, 유병욱, 이경건, 진주영(서울대), 김민수(한국 생산 기술 연구소), GARIPOV G, KHRENOV B, KLIMOV P(Moscow State University, the department of physics)

LG-14 [11:15-11:30]

MEMS-LIDAR 시스템의 개발과 초고에너지 우주선 관측 우주망원경 적용 / 전진아, 남구현, 남신우, 남지우, 박일홍(이화여자대), 박재형(동국대), 서정은, 이 직, 정애라(이화여자대), 하준근(서울대)

LG-15 [11:30-11:45]

초고에너지 우주선 관측을 위한 JEM-EUSO 실험의 트리거 논리회로 / 정애라, 김지은, 나고운, 남신우, 남지우, 박일홍, 서정은, 전진아(이화여자대), 유형준, 하준근(서울대)

[BF1] 천체물리학분과회 Focus Session : 원자핵-입자-천체물리학 분과회 공동세션

2010년 4월 22일 목요일 13:30 - 15:30

장 소 : 107-108호

좌 장 : 이형원(인제대)

BF-01(초)[13:30-14:10]

Transport model study of deuteron production in relativistic heavy ion collisions / 오용석(경북대)

BF-02(초)[14:10-14:50]

Status of the LHC and the First Results from CMS for the Charged Hadron Distribution in pp collisions at $\sqrt{s} = 0.9$ and 2.36 TeV / SIM Kwang-Souk(Korea University, Dept. of Physics)

BF-03(초)[14:50-15:30]

Current Issues of Astronomy and Astrophysics : Origin of Galaxies and Planets / LEE Hyung Mok(Department of Physics and Astronomy, Seoul National University)

[LS1] 천체물리학분과회 Special Session : Gravitational-Wave Detection

2010년 4월 23일 금요일 10:00 - 11:30

장 소 : 205호

좌 장 : 강궁원(KISTI)

LS-01 [10:00-10:15]

KGWG Progress Report / 이형목(서울대), 강궁원(KISTI), 오정근(NIMS), 이창환(부산대)

LS-02 [10:15-10:30]

LSU/LIGO 방문 경과 보고 / 이창환, 조희석, 김영민(부산대)

LS-03 [10:30-10:45]

NIMS & 한양대 활동보고 (UWM방문보고) / 오정근, 오상훈(NIMS),
이현규(한양대)

LS-04 [10:45-11:00]

LIGO Data Analysis in CBC Pipeline / 조희석, 김영민, 이창환(부산대)

LS-05 [11:00-11:15]

Gravitational Wave Search related with short GRB at UWM / KIM
Kyungmin, LEE Hyun Kyu(Dept. of Physics, Hanyang University), OH
Sang Hoon(NIMS)

LS-06 [11:15-11:30]

KISTI NSDC의 LIGO Data Grid 구축 현황 및 향후 계획 / 장행진, 김
법균, 윤희준, 강궁원(한국과학기술정보연구원, KISTI)

포스터발표논문 시간표

SESSION P1 응집물질물리학과회 포스터 발표: 자성체/초전도체

2010년 4월 21일 (수) 13:15 - 15:30

장 소 : 포스터 발표장

Dp-I-001*

LiFe_{1-x}Mn_xPO₄ (x=0.0, 0.2) 물질의 외스바우어 분광 연구 / 김철성, 이인규, 명보라, 최정훈, 조현태, 김성백, 고태준(국민대)

Dp-I-002*

Research of Magnetic Moment of Hexaferrite using XAS and XMCD Experiment / 노우석, 고경태, 박재훈(POSTECH, 물리학과), 천세환, 김기훈(서울대), 김재영, 박병규(포항공속기연구소)

Dp-I-003*

Magnetism in (Mn, Al)-codoped ZnO Diluted Magnetic Semiconductor / PARK Jun Kue, KIM Jin Soo, LEE Kyu Won, LEE Cheol Eui(Department of Physics and Institute for Nano Science, Korea University), NOH S. J., KIM H. S.(Department of Applied Physics, Dankook University)

Dp-I-004*

Anisotropic magnetoelectric characteristics of epitaxial (Ga,Fe)₂O₃ thin films / JO William, LEE Jihye(이화여자대)

Dp-I-005*

CePd₃ 의 양성자 조사에 따른 열전효과 / 권용성, 이경은, 이찬익(성균관대), 이종수(삼성종합기술원)

Dp-I-006*

Development of High Field Pulsed Magnet System and Induction Magnetometer / SON K., PARK J.-N., LEE T. H., JANG Z. H.(Department of Physics, Kookmin University), SUH B. J.(Department of Physics, The Catholic University of Korea)

Dp-I-007

NiFe/Cr_{2(1-x)}Fe_xO₃ 이층박막에서 교환바이어스와 보자력의 온도 의존성 / DHO Joonghoe, KI Sanghoon, LEE Minseong(Kyungpook National University)

Dp-I-008

Observation of the domain using secondary electron microscopy with polarization analysis(SEMPA) / 이상선, 박용성, 김원동, 황찬용(한국 표준과학연구원)

Dp-I-009

XMCD와 SMOKE를 이용한 Fe/Cu(001) 시스템의 자성 특성 연구 / 박용성(한국표준과학연구원 산업측정표준본부), POORNIMA L.(충남

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대), 오용록(부경대), HOSSAIN M. B.(충남대), 박병규, 김재영(포항공속기연구소), 김철기(충남대), 홍지상(부경대), 김원동, 황찬용(한국표준과학연구원 산업측정표준본부)

Dp-I-010*

Four Planar Hall Resistance States Observed in the Magnetization Reversal Process of the GaMnAs Film / LEE Sanghoo, KIM Jungtaek, YOO Taehee, LEE Hakjoon(Korea University, Physics Department), LIU X., FURDYNA J.K.(University of Notre Dame, Physics Department)

Dp-I-011

Investigation of Spin Structure of Mn_3O_4 by Nuclear Magnetic Resonance / AN Kyongmo, LEE Soonchil(Department of Physics, KAIST)

Dp-I-012*

벡터 네트워크 분석기를 이용한 강자성공명 감도 증가 연구 / 김 덕호, 유 천열(인하대)

Dp-I-013

Electronic Structure and Magnetic Properties of AO_2 alkali superoxide ($A=K, Rb, Cs$) / 김 민재, 김 범현, 최 홍철, 민 병일(포항공과대)

Dp-I-014

Terahertz Time-Domain Spectroscopy of TblG and DylG / HONG Taeyoon(Department of Physics, Yonsei University, Seoul 120-749 Korea), SONG Ki Myung, HUR Namjung(Department of Physics, Inha University, Incheon 402-752 Korea), KIM Jae Hoon(Department of Physics, Yonsei University, Seoul 120-749 Korea)

Dp-I-015*

Density-functional study of large magnetostriction in $L1_2 Fe_3X$ ($X=Pt, Pd, \text{ and } Ni$) / ODKHUU Dorj, YUN Won Seok, HONG Soon Cheol(Dept. of Physics, Univ. of Ulsan)

Dp-I-016

멜라포사이트 산화물 $CuFe_{1-x}Ni_xO_2$ ($0 \leq x \leq 0.03$) 의 방사광 분광 연구 / 김대현, 황지훈, 이기호, 강정수(가톨릭대), T. Nozaki, K. hayashi, T. Kajitani(Tohoku University), 박병규, 김재영(포항공속기연구소)

Dp-I-017*

The perpendicular magnetic anisotropy in ultrathin 4d transi-

tion metal on NiAl(001) surface. / KIM Dongyoo (김동유), YANG Jeonghwa (양정화), HONG Jisang (홍지상)* (Department of Physics, Pukyong National University)

Dp-I-018

연 x-선 광흡수 분광법을 이용한 $\text{Sr}(\text{Mn}_{1-x}\text{Mo}_x)\text{O}_3$ ($0 \leq x \leq 1$) 산화물의 전자구조 연구 / 황지훈, 김대현, 이선미, 강정수(가톨릭대), S. Kolesnik, B. Dabrowski(Northern Illinois University), 박병규, 김재영(포항공속기연구소), 이지은, 민병일(포항공과대)

Dp-I-019*

Shape에 따른 Hematite 나노입자의 결정학적 및 자기적 특성 연구 / LI YongHui, KIM ChinMo, PARK JiJin, SHIM In-Bo, KIM ChulSung(국민대)

Dp-I-020*

The suppression of Morin transition by strain and exchange coupling with adjacent ferromagnetic layer in Fe_2O_3 thin film / 박성훈(포항공대 물리학과), 김재영, 박재훈(포항공대 물리학과 & 포항공속기연구소), 박병규(포항공속기연구소)

Dp-I-021

Investigations of Structural, Magnetic and Electric Properties of the AlFeO_3 Compounds / RHO Kee-Jeong, JANG Tae-Hwan, LEE Yong-Woo, JEONG Yoon-Hee, PARK Jae-Hoon(Department of physics, POSTECH)

Dp-I-022

Magnetic Properties of Spin Spiral ordering of Iron(III) Chloride(FeCl_3) investigated by Nuclear Magnetic Resonance(NMR) / KANG Byeongki, LEE Soonchil(KAIST), CHO Yongchan, JEONG Se-young(Pusan National University)

Dp-I-023

Ultrafast Spin Dynamics of $\text{Co}_{25}\text{Pd}_{75}$ Alloy Thin Film / 김지완, 김주현, 이경동, 정재우, 송현석, 손정우, 신성철(카이스트 물리학과)

Dp-I-024*

Vacancy-induced ferromagnetism in bulk and the (10-10) surface of ZnO: Density functional theory calculations* / CHAE Kisung, CHUNG Yong-Chae(Hanyang University, Department of Materials Science and Engineering), KIM Hanchul(Sookmyung Women's University, Department of Physics)

Dp-I-025

2차원 자성 시스템에서 외부 필드가 자기 줄무늬 도메인 특성에 미치는 영향에 대한 연구 / 권희영, 홍상신, 부경미, 원창연(경희대)

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Dp-I-026

The study on magnetic properties of α -Fe₂O₃ by using x-ray magnetic linear and circular dichroism / 박재훈, 양동혁, 김재영, 박병규(포항공과대)

Dp-I-027*

반강자성 MnF₂에서 전기장을 이용한 핵자기 공명 실험에 의해 시연된 큐빗 어드레싱 / 송명훈, 이순철(한국과학기술원 물리학과)

Dp-I-028

The Magnetic Properties of Manganese Oxide (α -Mn₂O₃) was studied by NMR / JO Euna, KIM Changsoo, LEE Soonchil (KAIST, Department of physics)

Dp-I-029

강자성 나노선에서 스핀 전달 토크에 의한 강자성 공명의 영향 / 유천열, 윤정범(인하대), 조영훈, 박승영(한국기초과학지원연구원, 물성과학연구부), 정명화(서강대)

Dp-I-030

⁵⁵Mn Nuclear Magnetic Resonance of Spirally ordered MnO₂ at low temperature / 김창수, 조은아, 안경모, 이순철(한국과학기술원, 물리학과)

Dp-I-031*

Proton Dynamics in LiH₂PO₄ Studied by Nuclear Magnetic Resonance / LEE Cheol Eui, KWEON Jin Jung, LEE Kyu Won(Korea University, Department of Physics), LEE Kwang-Sei(Inje University, Department of Nano Systems Engineering), NOH S. J., KIM H. S.(Dankook University, Department of Applied Physics)

Dp-I-032

Magnetism of Vanadium Monolayer on Pd(001) Surface : A First-Principles Study / SONG Kimyung, LANDGE Kalpana K., BIALEK B., LEE J. I.(인하대)

Dp-I-033*

Room temperature ferromagnetism in dodecylamine-intercalated vanadium oxide nanosheets / KWEON Hyocheon, KYU WON Lee, CHEOL EUI Lee(Department of Physics and Institute for Nano Science, Korea University)

Dp-I-034

Study of Proton-irradiation Effect on [6,6]-phenyl-C₆₁-butyric acid methyl ester / LEE Cheol Eui, KIM Hyojung, LEE Kyu Won(고려대)

Dp-I-035

A study of magneto-optical and transport properties in hydrogen mediated $\text{Zn}_{0.9}\text{Co}_{0.1}\text{O}$ thin films / KIM Sung-Jin (Neutron Science Division, Korea Atomic Energy Research Institute), CHO Yong Chan (Department of Nano Fusion Technology, Pusan National University), LEE Seunghun, KIM Won-Kyung, JEONG Se-Young (Department of Cogno-mechatronics engineering, Pusan National University)

Dp-I-036

Electric Conduction Mechanism in CER $\text{Sm}_{0.55}\text{Sr}_{0.45}\text{MnO}_3$ Compound / MOHAN Rajneesh (Department of Mechatronics, Jeju National University, Jeju 690-756, Korea), KIM S.J. (Department of Mechatronics and 2Research Institute of Advanced Technology, Jeju National University, Jeju 690-756, Korea)

Dp-I-037

Effect of the sulfur content on the magneto-transport properties in NiS single crystals / LEE Kyungdong, SONG Kimyung, HUR Namjung (Inha University)

Dp-I-038*

외부자기장에 의한 Olivine- $\text{LiCo}_{0.99}^{57}\text{Fe}_{0.01}\text{PO}_4$ 의 Mössbauer 분광 연구 / 김철성, 이찬혁, 김동민, 현성욱(국민대), 원봉연((주) ASK), 김우철, 김삼진(국민대)

Dp-I-039

RFe_2O_4 (R=Er, Tm, Lu)의 온도에 따른 자화율의 불가역성 현상 연구 / ISMAIL Agustina, RAJAGUKGUK Reni, 김재영, 이보화 (한국외국어대)

Dp-I-040*

First-Principles Prediction of Large Magnetostriction of Fe-Zn Alloy / YUN Won Seok, HONG Soon Cheol (Dept. of Physics, Univ. of Ulsan)

Dp-I-041

Magnetic domain of Grain oriented Fe-Si 3% / 박혜림, 정윤희 (포항공과대), 권오열(포스코기술연구원)

Dp-I-042*

Observation of Ultrafast Demagnetization in Co/Ni Multilayer / 송현석, 이경동, 김지완, 손정우, 정재우 (Department of Physics and Center for Nanospinics of Spintronic Materials, KAIST, Daejeon, 305-701, Republic of Korea), PARKIN Stuart (IBM Research Di-

vision, Almaden Research Center, San Jose, California), 신성철 (Department of Physics and Center for Nanospinics of Spintronic Materials, KAIST, Daejeon, 305-701, Republic of Korea)

Dp-I-043*

Observation of local charge transport properties of $\text{Sm}_{1+x}\text{Ba}_x\text{Cu}_3\text{O}_y$ coated conductors by laser scanning microscopic techniques / KIM Gracia(Department of Physics, Ewha Womans University, Seoul, Korea), MATSEKH Arkadiy, INOUE Masayoshi(Department of Electrical Engineering, Kyushu University, Fukuoka, Japan), KISS Takanobu(Department of Electrical Engineering, Kyushu University, Fukuoka, Japan.), JO William(Department of Physics, Ewha Womans University, Seoul, Korea), HA Hong-Soo, OH Sang-Soo (Korea Electrotechnology Research Institute (KERI), Changwon, Korea)

Dp-I-044*

Upper Critical Field H_{c2} of LiFeAs Single Crystal / 김승현, 이범성, 김재욱(서울대), 최은상(플로리다 주립대학, 국립 고자기장 연구소), 김기훈(서울대)

Dp-I-045*

Magnetic flux jumps in K-doped BaFe_2As_2 single crystal / 최창호, 김수현, 최영하, 최기영, 정명화, 이성익(서강대)

Dp-I-046

Electronic and magnetic structures of Co- and Mn-doped SrFe_2As_2 / 김희정(포항공대 물리학과), 심지훈, 이근식(포항공대 화학과), 민병일(포항공대 물리학과), 이근식(포항공대 화학과), 김준성(포항공대 물리학과)

Dp-I-047

(Ru,Cu)(Sr,Ba,Nd) $_2$ (Nd,Ce) $_2$ Cu $_2$ O $_z$ 계의 합성 및 구조적 특성 연구 / 이상민, 이호근(강원대)

Dp-I-048

C-axis Transport Properties of $\text{SmFeAsO}_{0.85}$ Single Crystals / PARK Jae-Hyun(Department of Physics, POSTECH), DOH Yong-Joo(Department of display and semiconductor physics, Korea University), LEE Hyun-Sook(Department of Physics, POSTECH), CHO B. K.(Materials Science and Engineering, GIST), LEE Hu-Jong(Department of Physics, POSTECH)

Dp-I-049

자구의 국소적 형태 변형에 따른 Py/Nb/Py삼층막의 자기저항 변화 / 황태종, 박영순, 김동호(영남대)

Dp-I-050

Effect of sintering on ferromagnetism and superconductivity in $\text{Ru}_1\text{Sr}_2(\text{Gd}, \text{Yb})_1\text{Cu}_2\text{O}_8$ superconductor / AHMAD Dawood, SONG Tae Kwon(Changwon National University), PARK In Suk, KIM G C, KIM Y C(Pusan National University)

Dp-I-051

Microwave Properties of HTS Parallel-Plate Sapphire Resonators Designed for the Two-Resonance Mode Method / JUNG Ho Sang, YANG W. I.(Department of Physics and Center for Wireless Transmission Technology, Konkuk University, Seoul, Korea), LEE J. H.(SuNAM Co., Ltd, Anyang, Korea), KIM M. S., CHO S. I., LEE Sang Young(Department of Physics and Center for Wireless Transmission Technology, Konkuk University, Seoul, Korea)

Dp-I-052*

Distribution Analysis of Local Critical Temperature in Patterned YBCO Coated Conductors using Low-temperature Scanning Laser Microscopy / PARK Sang-Kook, KIM Jong-Man, KIM Ga-Young, CHO Bo-Ram, RI Hyeong-Cheol(Department of Physics, Kyungpook National University)

Dp-I-053*

에너지 틈에 다양한 점 마디를 갖는 초전도체의 상태밀도와 비열과 불순물 효과 / 정현희, 김희상(숭실대)

Dp-I-054*

Existence of Vortex-glass phase transition for optimally doped $\text{BaFe}_{1.8}\text{Co}_{0.2}\text{As}_2$ single crystal. / 김수현, 최창호, 최영하, 최기영, 정명화, 이성익(서강대)

Dp-I-055

$\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ 박막에 증착된 Au 막에 의한 마이크로파 표면저항 변화 / 양우일, 정호상(건국대), 이재훈((주)서남, 안양), 김혜림, 현옥배(전력연구원, 대전), 이상영(건국대)

Dp-I-056

Anisotropic London penetration depth and two-gap nature of the LiFeAs single crystals / SONG Yoo Jang, GHIM Jin Soo, MIN Byeong Hun(성균관대), JUNG Myung Hwa(서강대), RHYEE Jong-Soo(삼성종합기술원), KWON Yong Seung(성균관대)

Dp-I-057*

Broadband shot noise measurement below 4K for noise

thermometry / 박정환, REHMAN Mustaq, 최정숙(한국표준과학연구원), 김정구(서울대), 류상완(전남대), 송 윤, 정연욱(한국표준과학연구원)

Dp-I-058*

First-principles Study of rare-earth iron oxypnictides REFeAsO (RE=Ce, Pr, Nd, Sm, Gd, Tb, and Dy) / OH Hyungju, SHIN Donghan, CHOI Hyoung Joon(Department of Physics and IPAP, Yonsei University)

Dp-I-059

Superconductivity in Cu doped Bi₂Se₃ / 이규준, 조나현, 정명화(물리학과)

Dp-I-060*

Effect of Microwave Irradiation on Intrinsic Josephson Junctions in a-axis Oriented Y-123 Thin Film / SAINI Shrikant(Department of Mechanical System Engineering, Jeju National University, Jeju 690756, South Korea), TAKAMURA M., MUKAIDA M.(Department of Material Science and Engineering, Faculty of Engineering, Kyushu University, 744 Motooka, Nishi-ku, Fukuoka 819-0395, Japan.), KIM S.-J.(Department of Mechatronics Engineering & Research Institute of Advance Technology, Jeju National University, Jeju 690756, South Korea)

Dp-I-061

ARPES Spectra Line-shape Analysis in Cu doped NbSe₂ / 고윤영, 김용관, 정원식, 김 철, 한가람, 박승룡, 송동준, 경원식, 최환영, 김창영(연세대)

Dp-I-062*

Theoretical study of electronic structures in LaFeAsO : dependence on magnetic moments and ordering / MOON Jisoo, OH Hyungju, CHOI Hyoung Joon(Department of Physics and IPAP, Yonsei University)

Dp-I-063*

The effect of Fe-site substitution for Sr₂VO₃FeAs / NA SEWOONG, EOM MANJIN(POSTECH)

Dp-I-064*

Transport properties of isovalent Ru substituted BaFe_{2-x}Ru_xAs₂ / EOM Manjin, NA Sewoong, KOO Japil, LEE Ki Bong, KIM Jun Sung(Department of Physics, POSTECH, Korea)

SESSION P1

응용물리학과회 포스터 발표: Advanced Magnetic Materials/Nanostructures I

2010년 4월 21일 (수) 13:15 - 15:30

장 소 : 포스터 발표장

Ep-I-001

결정성과 표면형상에 의존적인 Gd가 첨가된 $YVO_4:Sm^{3+}$ 세라믹의 형광특성 / 이성수, 하본희, 김은주(신라대)

Ep-I-002

$Y_{(0.95-x)}Gd_xBO_3:Eu_{0.05}^{3+}$ 분말의 형광특성 / 이성수, 이동기, 김경미, 박남정(신라대)

Ep-I-003

(Y, Al) $VO_4:Eu^{3+}$ 형광체 분말의 형광특성 / 이성수, 신평지, 이동기(신라대)

Ep-I-004

Surface-plasmon enhanced Raman scattering of DNA molecules on regular arrays of modified gold nanoparticles / 김호종, 동염균, 김태수, 안병준, 홍문택, 이진규, 송정훈(공주대), 김상훈, 손희진, 하동한(한국표준과학연구원)

Ep-I-005*

초점 전자빔 조사에 의한 Polypyrrole 나노선의 나노 규모 물성 개질 연구 / 주진수, 구민호, 홍영기, 박동혁, 조성기(고려대)

Ep-I-006*

Rapid thermal oxidation에 의하여 InN 나노선 표면에 형성한 In_2O_3 겹질층의 미세구조 연구 / 안홍배, 이정용(KAIST 신소재공학과), 류 현, 김창수(한국표준과학연구원), 김문덕(충남대), 김영현(한국표준과학연구원)

Ep-I-007*

Structural Properties of Ternary Semiconductor $CuInSe_2$ Nanoparticles Investigated by X-ray Diffraction and Extended X-ray Absorption Fine Structure Spectroscopy / LEE N.R., JEONG A.R., SHIN R.H., JO William(Ewha Womans University, Department of physics)

Ep-I-008

Studies of Vibrational Modes in Eu_2O_3 Insulating Nanoparticles / 하명규, 정의덕(한국기초과학지원연구원 부산센터), 양호순(부산대), 홍경수(한국기초과학지원연구원 부산센터)

Ep-I-009*

Synthesis of Tin oxide/Lead Zirconate Titanate Core Shell Nanospheres for Unprecedented Visible Light Photocatalysis /

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SHAKIR Imran(BK21 Physics Research Division, and Institute of Basic Sciences, Sungkyunkwan University), SHAHID Muhammad (SKKU Advanced Institute of Nanotechnology, Institute of Basic Sciences, Sungkyunkwan University), 강대준(BK21 Physics Research Division, Department of Energy Science, SKKU Advanced Institute of Nanotechnology, and Institute of Basic Sciences, Sungkyunkwan University)

Ep-I-010*

Electrochemical characterization of MoV_2O_8 nanowires for energy storage applications / SHAHID Muhammad(SKKU Advanced Institute of Nanotechnology, Institute of Basic Sciences, Sungkyunkwan University), IMRAN Shakir(BK21 Physics Research Division, Institute of Basic Sciences, Sungkyunkwan University), ARABALE Girish, AREPALLI Sivaram(Department of Energy Science, Sungkyunkwan University), 강대준(BK21 Physics Research Division, Department of Energy Science, SKKU Advanced Institute of Nanotechnology, and Institute of Basic Sciences, Sungkyunkwan University)

Ep-I-011*

Chemical Solution Deposition Synthesis and Optical Properties of Single Crystalline Complex Metal Oxide BaCuV_2O_7 Nanowires / SHAKIR Imran(BK21 Physics Research Division and Institute of Basic Sciences, Sungkyunkwan University), SHAHID Muhammad(SKKU Advanced Institute of Nanotechnology and Institute of Basic Sciences, Sungkyunkwan University), 강대준(BK21 Physics Research Division, Department of Energy Science, SKKU Advanced Institute of Nanotechnology, and Institute of Basic Sciences, Sungkyunkwan University)

Ep-I-012*

Fabrication and Characterization of MoO_3 , H_xMoO_3 Nanorods Metal-Insulator-Semiconductor (MIS) Capacitors / SHAHID Muhammad(SKKU Advanced Institute of Nanotechnology and Institute of Basic Sciences, Sungkyunkwan University), SHAKIR Imran(BK21 Physics Research Division and Institute of Basic Sciences, Sungkyunkwan University), 강대준(BK21 Physics Research Division, Department of Energy Science, SKKU Advanced Institute of Nanotechnology, and Institute of Basic Sciences, Sungkyunkwan University)

Ep-I-013*

Novel One Dimensional Functional Porous CuO Nanostructures

from Gas Phase Synthesis and Their Catalytic Properties /
 RHEN Danielle(BK21 Physics Research Division, and Institute of
 Basic Sciences, Sungkyunkwan University), KULYK Nadiia(School
 of Chemical Engineering, Advanced Materials and Process Research
 Center for IT, Sungkyunkwan University), BURKHART Mar-
 kus(Sungkyunkwan University), NGOC HV(SKKU Advanced
 Institute of Nanotechnology and Institute of Basic Sciences,
 Sungkyunkwan University), 정찬화(School of Chemical Engineering,
 Advanced Materials and Process Research Center for IT,
 Sungkyunkwan University), 강대준(BK21 Physics Research Division,
 Department of Energy Science, SKKU Advanced Institute of
 Nanotechnology, and Institute of Basic Sciences, Sungkyunkwan
 University)

Ep-I-014*

**Facile synthesis of core-shell $\text{SnO}_2/\text{V}_2\text{O}_5$ nanowires and their
 efficient photocatalytic property /** SHAHID Muhammad(SKKU
 Advanced Institute of Nanotechnology and Institute of Basic
 Sciences, Sungkyunkwan University), SHAKIR Imran(BK21 Physics
 Research Division and Institute of Basic Sciences, Sungkyunkwan
 University), 강대준(BK21 Physics Research Division, Department of
 Energy Science, SKKU Advanced Institute of Nanotechnology and
 Institute of Basic Sciences, Sungkyunkwan University)

Ep-I-015

Chemical bath deposition에 의한 $\text{In}(\text{S},\text{O},\text{OH})$ 박막 제조 / 류혜선,
 김준호(인천대)

Ep-I-016

**Nano-size Effect on the Photoluminescent Properties of
 $\text{Lu}_2\text{MoO}_6:\text{Eu}$ Nanocrystal /** LI Huaiyong, 양현경, 정중현(부경대),
 장기완, 이호섭(창원대), 이성수(신라대)

Ep-I-017*

**Fabrication of 2-D Zigzag DNA Structures by Angle-control
 Scheme /** LEE Junwye, AMIN Rashid, KIM Byunghoon, KIM
 Sangjin, KIM Soyeon, PARK Sung Ha(성균관대)

Ep-I-018*

**X-ray Scattering of Organic Light Emitting Devices with Elec-
 tric Field Dependent Degradation /** KO Changhyun, LEE Hyun-
 won(Department of Physics, Sogang University), YOO Insun, OH
 Hyoungyun(LG Display Co., Ltd.), KIM Jinwoo(Department of
 Materials Science and Engineering, Gwangju Institute of Science and

Technology), KIM Hyunjung(Department of Physics, Sogang University)

Ep-I-019

Impedance behavior of bacteriophages with different charge distribution / PARK So Jeong, JEON Dae-Young, KIM Yun-Jeong, AHN Seung-Eon, KIM Gyu-Tae(School of electrical engineering, Korea University), HWANG Kyung Hoon, NAM Chang-Hoon (Nanomedicine, Korea Institute of Science and Technology - Europe Forschungsgesellschaft mbH)

Ep-I-020*

Qualitative Analysis of Artificially Designed DNA Nanostructures by Visible Spectroscopy / AMIN rashid, KULKARNI Atul, LEE Junwey(성균관대), LEE Jangwon(Samsung Electronics Advanced Institute of Technology), PARK Sung Ha, KIM Taesung(성균관대)

Ep-I-021

Development of 40M Small Angle Neutron Scattering Instrument at HANARO Research Reactor / HAN Young-Soo, KIM Taehwan(Neutron Science Division, Korea Atomic Energy Research Institute), CHOI Sungmin(Department of Nuclear and Quantum Engineering, Korea Advanced Institute of Science and Technology), LEE Chang-Hee(Neutron Science Division, Korea Atomic Energy Research Institute)

Ep-I-022

Surface plasmon enhanced carrier recombinations in InGaAsP MQWs probed by pump-probe spectroscopy / 이철훈, 이기주 (충남대), 김현우, 박두재, 김대식(서울대)

Ep-I-023*

Protein Modified DNA Buckyball Nanostructure / KIM Byeong-hoon, AMIN Rashid(Sungkyunkwan Advanced Institute of Nanotechnology (SAINT), Sungkyunkwan University), CHOE Woo-Seok(Department of Chemical Engineering, Sungkyunkwan University), JANG Chang-Hyun(College of Bionanotechnology, Kyungwon university)

Ep-I-024*

Intrinsic DNA Tile Curvature Analyze / KIM Seungjae(Department of Physics, Sungkyunkwan University), QIAN Peng Fei, KIM Moon-Ki(Department of Mechanical Engineering and Sungkyunkwan Advanced Institute of Nanotechnology (SAINT), Sungkyunkwan University), AHN Sang Jung(Korea Research Institute of Standards and Science), LABEAN Thomas(Departments of Computer Science

and Chemistry, Duke University), PARK Sung Ha(Department of Physics and Sungkyunkwan Advanced Institute of Nanotechnology (SAINT), Sungkyunkwan University)

Ep-I-025*

Binder Density Dependence of Internal Strain Distribution in ZSM-5 Microcrystals / CHA Wonsuk, SONG Sanghoon(Department of Physics and Interdisciplinary Program of Integrated Biotechnology, Sogang University), JEONG Nak Cheon, YOON Kyung Byung(Department of Chemistry, Sogang University), HARDER Ross(Advanced Photon Source, Argonne National Laboratory, USA), ROBINSON Ian K.(Department of Physics and Astronomy, University College London, UK), KIM Hyunjung (Department of Physics and Interdisciplinary Program of Integrated Biotechnology, Sogang University)

Ep-I-026

전기방사법으로 제작한 P3BT 나노선의 특성연구 / 박성규, 김대철, 이현수, 윤새나, 김정용(인천대)

Ep-I-027*

Energy transfer of dye molecule-containing zeolite monolayer / LIM Hyunjin, CHEONG Hyeonsik(Department of Physics, Sogang University), LEE Jin Seok(Department of Chemistry, Sookmyung Women's University), YOON Kyung Byung (Department of Chemistry, Sogang University)

Ep-I-028

Size Characterization of Superparamagnetic Iron Oxide Nanoparticles Coated with Polyvinyl Alcohol / CHUN JUNG HWAN, JUNG Ju-Yong, KIM Dong-Eon(Physics department, POSTECH)

Ep-I-029

Structural, Electronic and Magnetic Properties of Bundled $\text{Mo}_6\text{S}_9\text{I}_x$ Nanowires / KANG Seoung-Hun(Department of Physics, Kyung Hee University), TOMANEK David(Department of Physics and Astronomy, Michigan State University), KWON Young-Kyun (Department of Physics, Kyung Hee University)

Ep-I-030

Spin Glass In a Geometrically-frustrated Magnet Of ZnFe_2O_4 Nanoparticle / Y. Ying, J. M. Kim, T. U. Eom, Y. P. Lee(Quantum Photonic Science Research Center and Physics Department, Hanyang University, Seoul, 133-791 Korea), J. H. Kang(Department of Physics, Kookmin University, Seoul, 136-702 Korea)

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Ep-I-031

Intrinsic Ferromagnetism Of Pure ZnO Film / D. F. Wang, V. T. T. Thuy, J. M. Kim, J. S. Park, Y. P. Lee (Quantum Photonic Science Research Center and Physics Department)

Ep-I-032

Sonodynamic effects of photosensitizer radachlorin on solid tumors / KIM Ki Hong (Catholic University of Daegu, Department of optometry & vision science), SEO Seung-Jun, LEE Ju Haeng, KIM Joung-Ki (Catholic University of Daegu, Department of Biomedical Engineering)

Ep-I-033

나노 산화층을 사용한 [IrMn/CoSiB] 교환결합형 다층박막의 자기적 특성 연구 / 박지선, 임혜인 (숙명여자대)

Ep-I-034*

Directly patterned Cu and CuO by selective electroless plating on a novel organo-copper seed layer and its catalytic behavior from bulk to nanoscale / RHEN Danielle (BK21 Physics Research Division and Institute of Basic Sciences, Sungkyunkwan University), KULYK Nadiia (School of Chemical Engineering, Advanced Materials and Process Research Center for IT, Sungkyunkwan University), BURKHART Markus (Sungkyunkwan University), SH-AHID Muhammad (SKKU Advanced Institute of Nanotechnology and Institute of Basic Sciences, Sungkyunkwan University), 정찬화 (School of Chemical Engineering, Advanced Materials and Process Research Center for IT, Sungkyunkwan University), 강대준 (BK21 Physics Research Division, Department of Energy Science, SKKU Advanced Institute of Nanotechnology, and Institute of Basic Sciences, Sungkyunkwan University)

Ep-I-035

Magnetic-field-sensitive magnetoresistance of $(\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3)_{1-x}/(\text{YBa}_2\text{Cu}_3\text{O}_7)_x$ composites / PARK J. S., LEE Y. P. (Quantum Photonic Science Research Center and Department of Physics, Hanyang University), KANG J.-H. (Department of Nano and Electronic Physics, Kookmin University), KIM J., LEE B. H. (Department of Electronic Physics, Hankuk University of Foreign Studies)

Ep-I-036

Thermoluminescence from the MgAl_2O_4 Exposed to Ultra-violet Light / KIM Taekyu (Jeonju National University of Education, Department of Science Education)

SESSION P1 광학및양자전자학분과회 포스터 발표

2010년 4월 21일 (수) 13:15 - 15:30

장 소 : 포스터 발표장

Ip-I-001*

Real-time temporal characterization and control of femtosecond laser pulses using the SPIDER method / LUU Tran Trung, PARK Juyun, LEE Jae-hwan, NAM Chang Hee(KAIST, Department of Physics)

Ip-I-002*

Unified dynamics for Spintronics and spin phenomena / KIM Myoung-June(아주대 분자과)

Ip-I-003*

Ultra-flattened dispersion in Photonic Crystal Fiber Using Low-index Doped Rods / 박지영, 김종기, 이성래(연세대), 김소은(광주과학기술원, 고등광기술연구소), 오경환(연세대)

Ip-I-004*

Photonic crystal ring-type Fabry-Pérot filter based on self-collimation phenomenon / 김튼튼(KAIST, 물리학과), 이성구(KIST), 박해용, 김재은(KAIST, 물리학과), 기철식(GIST)

Ip-I-005*

Stimulated Brillouin Scattering Reflection of the Pulse with a Fast Rising Edge Using a Prepulse Technique / PARK Sangwoo, SHIN Jae Sung, KONG Hong Jin(KAIST)

Ip-I-006*

Weak Value Measurement with an Incoherent Measuring Device / LIM Hyang-Tag, CHO Young-Wook, RA Young-Sik, KIM Yoon-Ho(Department of Physics, POSTECH)

Ip-I-007*

Experimental demonstration of the commutation relation for Pauli spin operators using single-photon interferometry / KIM Yong-Su, LIM Hyang-Tag, RA Young-Sik, KIM Yoon-Ho(Dep. of Physics, POSTECH)

Ip-I-008*

Coherence properties of spontaneous parametric down-conversion pumped by a multi-mode cw diode laser / RA Young-Sik, KWON Osung, KIM Yoon-Ho(POSTECH)

Ip-I-009*

Storage and Retrieval of Thermal Light in Warm Atomic Vapor /

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CHO Young-Wook, KIM Yoon-Ho(Dept. of Physics, Pohang University of Science and Technology (POSTECH))

Ip-I-010*

Observing Photonic De Broglie Waves Without The NOON State / KWON Osung, RA Young-Sik, KIM Yoon-Ho(POSTECH)

Ip-I-011*

Local Capacitor Model for Plasmonic Electric Field Enhancement / KANG Ji-Hun(Department of Physics, Korea University), KIM Dai-Sik(Center for Subwavelength Optics and Department of Physics and Astronomy, Seoul National University), PARK Q-Han(Department of Physics, Korea University)

Ip-I-012*

전자빔 조사된 SiO₂-TiO₂ 하이브리드 폴리머의 광학 특성 변화 및 PEC cell 응용 / 조성오, 유승화(KAIST 원자력 및 양자공학과)

Ip-I-013*

경사입사 증착방법을 이용한 편광소자의 광학적, 물리적 특성 연구 / 박용준, 김지범, ZOU Yu, 황보창권(인하대)

Ip-I-014*

재귀반사체 효율측정을 위한 광투광기 개발 / 이주은, 조재홍(한남대), 박승남, 박성종(한국표준과학연구원, 온도광도센터)

Ip-I-015*

MTF measurment done by fine Mirror layer illumination. / 오경환, 최홍구, 이세진(연세대)

Ip-I-016*

원거리 화학 오염은 검출에 관한 연구와 Michelson interferometer를 이용한 FTIR 분광기 시뮬레이션 / 홍근호, 오민석, 김태훈, 공홍진(한국과학기술원)

Ip-I-017*

평행 다중반사 구성에 기반을 둔 15 nm 간섭무늬 간격을 갖는 초고 분해능 마이켈슨 간섭계 / 이정민, 윤호상, 윤태현(고려대)

Ip-I-018*

폴리머 장주기 패턴을 이용한 물결무늬 장주기 광섬유 격자 제조 기술 연구 / 한영근, 박상오, 권오장(한양대)

Ip-I-019*

Tapered된 편광유지 광자 결정 광섬유 기반 마이크로 마하젠더 간섭계 / 한영근, 권오장, 윤민석(한양대)

Ip-I-020*

편광 유지 광섬유 기반 Sagnac 간섭계와 샘플링 브래그 격자를 이용한 다중 파장 interleaver / 한영근, 심영보(한양대)

Ip-I-021*

편광 유지 광자 결정 광섬유 팁 기반 온도 안정성을 가지는 Fabry-Perot 간섭계 / 한영근, 김현주(한양대), 이상배(한국과학기술연구원)

Ip-I-022*

Fabrication of long-period fiber grating based on a periodic micro-tapering method / 한영근, 윤민석(한양대)

Ip-I-023*

Study on the Interaction of the Rat Anti-Mouse CD4 in PBS by FCS / LEE Jaeran, HAN Yeseul, KIM Sok Won(Department of Physics, University of Ulsan)

Ip-I-024*

공초점 현미경 구성과 형광(FITC) 임파선 면역세포의 3차원 영상 구현 / 이유미, 박세휘, 김석원, 박상민, 김병삼(울산대)

Ip-I-025*

Phase stabilization of stimulated Brillouin scattering waves in the wave-front dividing four-beam combined laser amplification / 신재성, 박상우, 심강섭, 차성우, 공홍진(한국과학기술원, 물리학과)

Ip-I-026*

광대역 사분파장판 스펙트럼 필터를 가진 환경적으로 안정적인 펄스초 이터븀 모드록 광섬유 레이저 / 장광훈, 윤태현(고려대)

Ip-I-027*

슬릿구조를 가진 탄소나노튜브 박막의 테라파 투과 특성 연구 / 홍정택, 박두재, 이순일, 이상민(아주대), 김대식(서울대), 안영환(아주대)

Ip-I-028*

다이오드 황여기 Nd:YAG 레이저 반사체 설계 최적화 / 이종훈, 이강인, 김영중(영남대), 이재철, 조준용(한화종합연구소), 최현진(국방과학연구소)

Ip-I-029*

Simulation Study on 1D Bessel-like Beam in Giant Transmission of Metallic Subwavelength Aperture / KANG Sehun, OH Kyunghwan(Institute of Physics and Applied Physics, Yonsei University, 262 Seongsanno, Seodaemun-gu, Seoul 120-749, Korea)

Ip-I-030*

The Effect of Pump Focusing in Spontaneous Parametric

Down-Conversion / LEE Jong-Chan, KIM Yoon-ho(POSTECH, 물리학과)

Ip-I-031

Luminescent Properties of Dy³⁺ Doped Gd₂O₃ Nanophosphors for White Light Emitting Diodes / JAYASIMHADRI M., RATNAM B.V., JANG Kiwan, LEE Ho Sueb(Changwon National University, Department of Physics), YI Soung-Soo(silla University, Department of Photonics), JEONG Jung-Hyun(Pukyong National University, Department of Physics)

Ip-I-032

Design and Fabrication of Terahertz Metamaterial using Electrohydrodynamic Inkjet Printing / OH Sang Soon(Electronics and Telecommunications Research Institute (ETRI), Convergence Components & Materials Research Lab (CCMRL)), NGUYEN Vu Dat, BYUN Doyoung(Konkuk University, Department of Aerospace and Information Engineering), CHOON-GI Choi(Electronics and Telecommunications Research Institute (ETRI), Convergence Components & Materials Research Lab (CCMRL))

Ip-I-033

Optical and Structure Properties of Eu³⁺ -doped KZnGd(PO₄)₂ Phosphors for White-Light-UVLEDs / JEONG Junho, LEE Ho-Sueb, JANG Kiwan(Changwon National University, Department of Physics), YI Soung-Soo(Silla University, Department of Photonics), JEONG Jung Hyun(Pukyong National University, Department of Physics)

Ip-I-034

Enhanced photoluminescence of ZnO nanorods / 이건준, 김지혜(한양대), 박인규(서울시립대), 임환홍, 차명식(부산대), 정현식(서강대), 한성환, 이영백(한양대)

Ip-I-035

Continuous spatial tuning of laser emission in a wedge cell of dye-doped cholesteric liquid crystal / 정미윤(경상대), 우정원(이화여자대)

Ip-I-036

The Nonresonant Effect In Multiplex CARS Microspectroscopy / 최대식, 이장혁(광주과학기술원), 오명규, 엄태중, 강훈수(광주과학기술원 고등광기술연구소), 고도경(광주과학기술원, 광주과학기술원 고등광기술연구소)

Ip-I-037

Photoluminescence Properties of $\text{Ca}_3\text{La}(\text{VO}_4)_3 : \text{RE}^{3+} (\text{RE} = \text{Eu}^{3+}, \text{Dy}^{3+})$ Phosphors for White Light Emitting Diodes / RAO B. Vengala, JANG Kiwan, LEE Ho Sueb(Changwon National University, Department of Physics), YI Soung-Soo(Silla University, Department of Photonics)

Ip-I-038

Multilayer Fishnet Structure Metamaterial in the Optical Wavelength Regime / OH Sang Soon, CHOI Choon-Gi(Electronics and Telecommunications Research Institute (ETRI), Convergence Components & Materials Research Lab (CCMRL))

Ip-I-039

Investigation of a fiber-optic strain sensor with temperature Insensitivity based on a single polarization fiber / 한영근, 추수호(한양대)

Ip-I-040

Two-Dimensional Millimeter Wave Photonic Crystals Fabricated by Wet Etching of Silicon / 김정일, 전석기, 한성태, 김근주(한국전기연구원), 이현행(조선대), 박시현(영남대)

Ip-I-041

Study of Absorbance of Tinted Lenses by Visible Absorption Spectroscopy / CHOI Eun Jung, YANG Kye Tak(Konyang University)

Ip-I-042

CUDA를 이용한 GPU 가속 3차원 FDTD 구현 / 김기환, 김경호, 박규환(고려대)

Ip-I-043

CPA 레이저 시스템에서 레이저 스펙트럼이 주 펄스와 증폭된 자발 방출 펄스의 시간간격에 미치는 영향 / 이성구, 유태준, 성재희, 정태문, 이종민(광주과학기술원, 고등광기술연구소)

Ip-I-044

몬테카를로법을 통한 고출력 펄스초 레이저 펄스 최적화 / 유태준, 성재희, 이성구, 최일우, 정태문, 이종민(광주과학기술원, 고등광기술연구소)

Ip-I-045

ATCA 기반의 양자 암호 키 송수신 보드 제작 / 조정식, 강세경, 김광준, 조석범, 노태곤(한국전자통신연구원)

Ip-I-046

양자 암호 통신에서 Winnow 후처리 프로토콜의 효율성 개선 / 최정운, 장구영, 조남수(한국전자통신연구원)

Ip-I-047

고대조비의 안정한 레이저 펄스 구현을 위한 이중 플라즈마 거울의 시공간상 최적화 / 김이중, 최일우, 이성구, JANULEWICZ Karol, 성재희, 유태준, 김형택, 윤 혁, 이종민(광주과학기술원 고등광기술연구소)

Ip-I-048

통신파장 대역 단일 광자 검출 실험 / 조석범, 노태곤, 강세경, 조정식, 김광준(한국전자통신연구원)

Ip-I-049

레이저-플라즈마 기반 전자빔 가속기를 이용한 교번자장기 방사광 장치의 설계 및 모의실험 / 차혁진, 정태문, 유태준, 이성구, 성재희(광주과학기술원 고등광기술연구소), 정영욱(한국원자력연구원 양자광학연구부), 이종민(광주과학기술원 고등광기술연구소)

Ip-I-050

Generation of 0.15-TW Laser Pulses with a Single-stage Cryogenically Cooled Ti:sapphire Amplifier at 1 kHz / 성재희, 유태준, 이종민(광주과학기술원, 고등광기술연구소&펄스과학기술연구센터)

Ip-I-051

Measurement of Refractive Index using Aperture Resonance. / CHOE Jong-Ho, KANG Ji-Hun, PARK Q-Han(Department of Physics, Korea Univ.), KIM Dai-Sik(Department of Physics and Astronomy, Seoul National Univ.)

Ip-I-052

Luminescent Properties of Dy^{3+} Activated $NaCaPO_4$ Phosphor for White LEDs / RATNAM B.V., JAYASIMHADRI M., JANG Kiwan, LEE Ho Sueb(Changwon National University, Department of Physics), YI Soung-Soo(Silla University, Department of Photonics), JEONG Jung-Hyun(Pukyong National University, Department of Physics)

Ip-I-053

Eu^{3+} 가 첨가된 Gd_2O_3 나노튜브의 광학적 특성 / 배동현, 장기완, 이호섭, 조은진(창원대, 물리학과), 정중현(부경대, 물리학과), 이성수(신라대, 재료공학과)

Ip-I-054

루비듐 방전등의 동작 특성 분석 / 이태동, 표동완(금오공과대)

Ip-I-055*

The evolution of degeneracy of eigenstates in Triangular-core Hollow Optical Fiber / 오경환, 이세진, 하우성(연세대), KOBELKE Jens, SCHUSTER K., UNGER S.(Institute of Photonic Technology)

Ip-I-056

Formation of Si nanopillars on Si substrate by Ag nanodots etching-mask / BAEK Seung-Wook, LEE In-Ji Lee, SHIM Jae-Hyoung, LEE Gon-Sub, SHIM Tae-Hun, PARK Gae-gun (Advanced Semiconductor Material and Device Development Center)

Ip-I-057

Eu 이온을 첨가한 NaCaPO₄ 형광체의 특성 연구 / 윤제호, 장기완, 이호섭, JAYASIMHADRI M., 정준호(창원대), 정중현(부경대), 이성수 (신라대)

Ip-I-058

Enhancement of High Harmonic Generation in Two Gas Media driven by a Two-color Laser Field / PARK Seung Beom, KIM Tae Keun, NAM Chang Hee (Dept. of Physics and Coherent X-Ray Research Center, KAIST, Daejeon 305-701)

Ip-I-059

일반적인 광원에서 발생하는 임의로 요동하는 전자기파에 대한 에너지 보존 법칙. / BAK Ohheum, KIM S. M. (연세대)

Ip-I-060

Tunable Subwavelength Focusing With Metamaterials In THz / 김경식, 이진호, 이광철(연세대)

Ip-I-061

Au-buffer layer WO₃ 박막의 제작과 광학적, 광활성 특성분석 / 한성홍, 강영비(울산대)

Ip-I-062

전자빔 증착법에 제작된 ZnO, ZnO/TiO₂ 박막의 광학적, 구조적 특성 / 한성홍, 편민욱, 강영비, 이동열(울산대)

Ip-I-063*

광점유 Mach-Zehnder 간섭계를 이용한 3파장 신호 결합기의 제작 / 정윤섭, 오경환(연세대)

Ip-I-064

Fast Optical Switching, Polarizing Enhancement Cavity Using Nonlinear Polarization Evolution. / AN Jungkwun, KIM Donggeun (POSTECH, dept. Physics)

Ip-I-065

산소 분압에 따른 TiO₂/SiO₂ 박막의 광활성 특성 / 한성홍, 김순욱, 강영비, 편민욱, 오주희, 김한나, 김의정(울산대), 심창호, 지성진 (새한 하이테크(주))

Ip-I-066

Observation of maltose binding protein dimerization by using FCS / SHIN Hyosup, LEE Soonhyouk, KIM Soo Yong(Department of Physics, Korea Advanced Institute of Science and Technology), KIM Sok Won(Department of Physics, University of Ulsan)

Ip-I-067

Ni-NTA coating의 조건변화 따른 MBP결합률 관찰 / 이동근, 이순혁, 김수용(KAIST, 물리학과), 김석원(울산대)

Ip-I-068

Lifetime Analyses for Enhanced Cyan Fluorescence Protein / LEE Soonhyouk, KIM Soo Yong(Department of Physics, Korea Advanced Institute of Science and Technology), KIM Sok Won(Department of Physics, University of Ulsan)

Ip-I-069

회절 광학소자를 이용한 광학영상용 주사소자 설계 / 마혜준, 이승석, 신용진, 최은서(조선대)

Ip-I-070

Endoscopic Optical Coherence Tomography 프로브의 광학계 설계 / 마혜준, 이승석, 박소희, 신용진, 최은서(조선대)

Ip-I-071

Measurement of Diffusion Constants of DNA Using FCS / JUNG Seok Hyun, LEE Soonhyouk, KIM Soo Yong(Department of Physics, Korea Advanced Institute of Science and Technology), KIM Sok Won(Department of Physics, University of Ulsan)

Ip-I-072

조절을 고려한 수정체 모델을 적용한 모형안의 분석 / 강은경, 홍춘지, 신유석, 황보창권(인하대), 박성찬(단국대)

Ip-I-073

진공갭을 가진 복합구조 타겟을 이용한 레이저-플라즈마 이온 가속 전산 해석 / 이지영(HNU), 이기태, 박성희, 차용호, 정영욱(KAERI), 조재홍(HNU)

Ip-I-074

Calculation of Electric Field Enhancement in the Gap between Two Paralleled Metallic Wires / CHOI Wonjun(1Department of Physics, Korea University), YOON Ilsun, KIM Bongsoo(Department of Chemistry, KAIST), PARK Q-Han(1Department of Physics, Korea University)

Ip-I-075

Entanglement Distillation of Two-Photon Polarization-Entangled States under Local Filtering Operations / 박희수(한국표준과학연구원), 김현오(울산대), 최상경(한국표준과학연구원)

Ip-I-076

Applications of a Pulsed Buffer Gas Jet for Laser-Induced Breakdown Spectroscopy (LIBS) / SON Joon-Gon(School of Photon Science and Technology, Gwangju Institute of Science and Technology, Gwangju 500-712, Korea), OH Myoung-Kyu, PARK Young-Ho, KANG Hoonsoo(Advanced Photonics Research Institute, Gwangju Institute of Science and Technology, Gwangju 500-712, Korea), LEE Yonghoon(Department of Chemistry, Mokpo National University, Muan-gun, Jeonnam 534-929, Korea)

P1

포
스
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션

SESSION P2 응집물질물리학과회 포스터 발표: 강상관계/기타

2010년 4월 22일 (목) 11:00 - 13:15

장 소 : 포스터 발표장

Dp-II-065

질소 유량비 변화에 따른 In_2O_3 박막의 특성 연구 / 박지원, 이은영, 오다영, 최우선, 조신희(신라대)

Dp-II-066

Ferroelectric Properties of $(\text{K}_{0.48}\text{Na}_{0.48}\text{Li}_{0.04})(\text{Nb}_{0.795}\text{Ta}_{0.2}\text{Mn}_{0.005})\text{O}_3$ Lead-free Thin Films / 석해진, 이선영, 채송아(울산대), 안창원, 황학인(전자부품연구원, 융합센서소자연구센터), 김일원(울산대)

Dp-II-067

Sr_2RhO_4 시료에 대한 온도별 각분해 광전자 실험과 자체에너지 분석 / 경원식, 김 철, 박승룡, 송동준, 정원식, 최환영, 김용관, 고윤영, 한가람, 김창영(연세대)

Dp-II-068

Study of conduction band change in $\text{Ba}(\text{Sn,Sb})\text{O}_3$ by XAS / KWON Hyuk Woo, MIN Chul Hee, KIM Hyung Joon, KIM Kee Hoon, OH Se Jung(CSCMR, Department of Physics and Astronomy, SNU)

Dp-II-069*

Optical Spectroscopic Investigation on the $\text{LaVO}_3/\text{SrVO}_3$ Superlattices / JEONG Da Woon, CHOI Woo Seok(ReCOE, Department of Physics and Astronomy, Seoul National University, Seoul 151-747, Korea), DAVID Adrian, PRELLIER Wilfrid(Laboratoire CRISMAT, CNRS UMR 6508, ENSICAEN, 6 Blvd, Marechal Juin, F-14050 Caen Cedex, France), LEE Yun Sang(Department of Physics, Soongsil University, Seoul 156-743, Korea), NOH Tae Won(ReCOE, Department of Physics and Astronomy, Seoul National University, Seoul 151-747, Korea)

Dp-II-070

Ising RKKY Ferromagnet $\text{Fe}_{1/4}\text{TaS}_2$ / KO K.-T.(cCCMR & Dept. Physics, Pohang University of Science and Technology, Pohang 790-784, Korea), KIM Sung Baek(Dep. Physics, Kookmin University, Seoul 136-702, Korea), KIM Kyoo(Dep. Physics, Pohang University of Science and Technology, Pohang 790-784, Korea), KIM J.-Y., KIM H.-D.(Pohang Accelerator Laboratory, Pohang University of Science and Technology, Pohang 790-784, Korea), CHANG F.-H., LIN H.-J.(National Synchrotron Radiation Research Center, Hsinchu 30077, Taiwan), TANAKA A.(Department of

Quantum Matter, ADSM, Hiroshima University, Higashi-Hiroshima 739-8526, Japan), MIN B. I.(Dept. Physics, Pohang University of Science and Technology, Pohang 790-784, Korea), CHEONG S-W.(R-CEM & Department of Physics and Astronomy, Rutgers University, Piscataway, NJ 08854, USA), PARK J.-H.(cCCMR & Dept. Physics, Pohang University of Science and Technology, Pohang 790-784, Korea)

Dp-II-071*

Helium Adsorption on the Surface of C_{60} / 신현덕, 권용경(건국대)

Dp-II-072

Quasiparticle scattering and the protected nature of the topological states in a parent topological insulator Bi_2Se_3 / 김범영(연세대)

Dp-II-073*

Role of hexagon resonance in a valence bond solid on the kagome lattice / HWANG Kyusung, YU Jaejun(Center for Strongly Correlated Materials Research, Department of Physics and Astronomy, Seoul National University), PARK Kwon(School of Physics, Korea Institute for Advanced Study)

Dp-II-074*

하나로 중성자 회절장치(HRPD)를 이용한 응집물리 연구 / 홍준기(한국원자력연구원), 이성수(한국원자력연구원, 중성자과학연구부)

Dp-II-075*

Dzyaloshinskii-Moriya interaction induced F-type spin structures in multiferroic orthomanganites / 장호영, 이준식, 고경태, 노우석, 이기봉, 박재훈(포항공과대), 구태영, 김재영(포항가속기연구소), 김성백(국민대), ZHANG C.L., CHEONG S-W.(R-CEM, Rutgers University)

Dp-II-076

Effects of Cr-doping on electrical properties of $K_{0.5}Bi_{4.5}Ti_4O_{15}$ thin film prepared by chemical solution deposition process / 김상수, 도달현, 김진원, 김가현, 배유리, 김은선, 김원정, 송태권(창원대), 최병춘(부경대)

Dp-II-077

Characterizations of $0.9K_{0.5}Na_{0.5}NbO_3-0.02Na_2K_{3-z}Li_2Nb_5O_{15}$ Ceramics / 최병춘(부경대), 전병익, 이종림(한국과학영재학교), 김셋별, 문병기, 정중현(부경대)

Dp-II-078*

Electrical properties of Cr-doped $Bi_5FeTi_3O_{15}$ thin films /

김상수, 김진원, 도달현, 김가현, 배유리, 김은선, 김원정, 송태권(창원대), 최병춘(부경대)

Dp-II-079

Structure of $V4^+$ ion-environment in $V2O5-B2O3-Al2O3$ Glasses / 송승기, 김영훈, 노태호, 강재필, 서용문, 최 덕(명지대)

Dp-II-080

Dielectric and piezoelectric properties of $(Li_{0.875}Na_{0.125})(Nb_{1-x}Ta_x)O_3$ ceramics / CHO J. H., LEE M. H., SUNG Y. S., KIM M-H., SONG T. K.(Changwon National University, School of Nano & Advanced Materials Engineering), KIM S. S.(Changwon National University, Department of Physics), CHOI B. C.(Pukyong National University, Department of Physics)

Dp-II-081*

Ferroelectric properties of epitaxial $PbZr_{0.3}Ti_{0.7}O_3$ thin films as a function of $SrRuO_3$ electrode thickness / HWANG Jihwan, PARK Sungmin, KWON Hyosang, PARK Gwangseo(Department of Physics, Sogang University), LEE Eunggoo, CHUNG Jinseok(Department of Physics, Soongsil University)

Dp-II-082

Spin-Orbit Induced Insulating Phase of Na_2IrO_3 , as a Quantum Spin-Hall Insulator? / KIM Heungsik, JIN hosub(Department of Physics and Astronomy and Center for Strongly Correlated Materials Research, Seoul National University), JEONG Hogyun(Computational Science and Technology Interdisciplinary Program, Seoul National University), KIM Choong Hyun, YU Jae-jun(Department of Physics and Astronomy and Center for Strongly Correlated Materials Research, Seoul National University)

Dp-II-083

Effects of co-doping on electrical properties of $BiFeO_3$ thin film prepared by chemical solution deposition process / 김상수, 배유리, 도달현, 김진원, 김가현, 김은선, 김원정, 송태권(창원대), 최병춘(부경대)

Dp-II-084

Photoluminescence in perovskite band insulator $Sr(Zr,Hf)O_3$ / D. J LEE, Y. K SEO, J. W PARK, Y. S LEE(Department of physics, Soongsil University), K. J YEE(Department of Physics, Chungnam National University)

Dp-II-085*

The effect of Co substitution on the structural properties of

multiferroic $Mn_{1-x}Co_xWO_4$ studied by neutron diffraction /
 SONG Young-Sang, CHUNG Jae-Ho(Department of Physics, Korea
 university), PARK Sungil, CHOI Yong-Nam(Neutron Science Di-
 vision, Korea Atomic Energy Research Institute)

Dp-II-086*

Self Energy Analysis of Topological Insulators / 한가람, 박승룡,
 정원식, 김 철, 송동준, 김창영(연세대)

Dp-II-087

**Sintering Effects of Lead-free Piezoelectric $(K,Na,Li)(Nb,Ta,Sb)O_3$
 Ceramics Fabricated by Citric Acid Assisted Modified Sol-gel
 Method /** 김주성, 김진수(울산대), 송태권(창원대), 안창원, 조남규(전자
 부품연구원, 융합센서소자연구센터), 김일원(울산대)

Dp-II-088*

**Magnetic and Electric Properties of Ni-Mn-Ga Ferromagnetic
 Shape Memory Alloy /** 원충재, 허남정(인하대)

Dp-II-089*

**Interaction between surface state and bulk band dispersion in
 Sr_2RuO_4 studied by ARPES /** KIM Chul, SONG D. J., KIM Y.
 K., JUNG W. S., KOH Y. Y., CHOI H. Y., KYUNG W. S., HAN
 G. R., KIM B. Y.(Institute of Physics and Applied Physics, Yonsei
 University), YOSHIDA Yoshiyuki(Condensed Matter Physics Group,
 Nanoelectronics Research Institute, National Institute of Advanced
 Industrial Science and Technology, AIST), KIM C.(Institute of
 Physics and Applied Physics, Yonsei University)

Dp-II-090

Electronic structures of the heavy fermion $CeCoGe_2$ / 최홍철,
 심지훈, 민병일(포항공과대)

Dp-II-091

**Sol-gel Synthesis and Characterization of the $(Bi_{0.5}Na_{0.5})$
 $(Ti_{1-x}Mn_x)O_3$ Piezoelectric Thin Films /** 안창원, 조남규, 황학인
 (전자부품연구원, 융합센서소자연구센터), 박정민, 이선영, 김일원(울
 산대), 배세환(동아대)

Dp-II-092

**Sintering Effects of Grain Oriented $Bi_{0.5}(Na_{0.78}K_{0.22})_{0.5}TiO_3$ -
 $BiAlO_3$ Ceramics Fabricated by Templated Grain Growth
 Method /** 장기봉, ULLAH Aman(울산대), 안창원(전자부품연구원,
 융합센서소자연구센터), 이대수, 정순중(한국전기연구원, 에너지반도체
 연구센터), 김일원(울산대)

P2

포
스
터
세
션

Dp-II-093*

Investigation of New Linear Magnetoelectrics with the Pyroxene Structures / KIM Ingyu(Department of Physics and Astronomy, Seoul National University, Seoul 151-747, R. Korea), NÉNERT Gwilherm, RITTER Clemens(Institut Laue-Langevin, Boîte Postale 156, 38042 Grenoble Cedex 9, France), ISOBE Masahiko, UEDA Yutaka(Institute for Solid State Physics, University of Tokyo, 5-1-5 Kashiwa, Chiba 277-8581, Japan), VASILIEV Alexander N.(Low Temperature Physics Department, Moscow State University, Moscow 119991, Russia), COLIN Claire V.(Institut Néel, CNRS/Université Joseph Fourier, BP 166, 38042 Grenoble, France), KIM Kee Hoon(Department of Physics and Astronomy, Seoul National University, Seoul 151-747, R. Korea)

Dp-II-094

Influences of the lattice defects on the local structure in the iso- and nonisomorphic crystals observed by NQR near the structural phase transition temperatures / 김영훈, 서용문(명지대), 염태호(청주대), 최 덕, 송승기(명지대)

Dp-II-095*

X-선 미세회절을 이용한 BiFeO₃ 박막의 응력분포 측정 / 정진석, 이응구, 박정현(숭실대)

Dp-II-096

Mutual Solubility of RbH₂PO₄-TiH₂PO₄ Mixed Solutions and Growth of Rb_{1-x}Ti_xH₂PO₄ Mixed Crystals / LEE Kwang-Sei(Inje University, Department of Nano Systems Engineering), OH In-Hwan(Korea Atomic Energy Research Institute, Neutron Science Division), AHN Sang-Ho(Inje University, Department of Electronic Engineering)

Dp-II-097*

Neutron powder diffraction study of Al-doped multiferroic hexaferrite Ba_{0.5}Sr_{1.5}Zn₂(Fe_{1-x}Al_x)₁₂O₂₂ / LEE Hak Bong, CHUNG Jae-Ho(Korea University), PARK Sungil, GUBKIN Andrey(Korean Atomic Energy Research Institute), CHUN Sae-Hwan, KIM Kee Hoon(Seoul National University)

Dp-II-098

Correlation effects in electronic properties of SrVO₃ / KIM Dou-Kyun, PARK Chul Hong(부산대)

Dp-II-099*

Time-Domain Terahertz Spectroscopy of NiO_x Thin Films / HA

Taewoo(Institute of Physics and Applied Physics, Department of Physics, Yonsei University, Seoul 120-749 Korea), KIM Yeon Soo, PARK Bae Ho(Department of Physics, Konkuk University, Seoul 143-701 Korea), LEE Kimoon, IM Seongil, KIM Jae Hoon(Institute of Physics and Applied Physics, Department of Physics, Yonsei University, Seoul 120-749 Korea)

Dp-II-100*

Ferroelectric-like behavior mechanism of high dielectric constant perovskite-related $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ / KWON Hyosang, PARK sungmin, PARK Doyoung, HWANG Jihwan, CHO Sungwoo, CHEONG Hyeonsik, PARK Gwangseo(Department of Physics, Sogang University)

Dp-II-101*

4f hybridized band overlaps at X-point of $\text{Eu}_{1-x}\text{La}_x\text{B}_6$ ($x = 0.0, 0.1, 0.2$ and 0.3) probed by angle-resolved photoemission spectroscopy / MIN Chul-hee, KWON H. -W., OH S. -J.(CSCMR & FPRD, Department of Physics and Astronomy, Seoul National University, Seoul 151-747, Korea), KIM J.-Y., SUNG N. H., CHO B. K.(Center of Frontier Materials and Department of Materials Science and Engineering, K-JIST, Gwangju 500-712,), CHO E. -J.(Department of physics, Chonnam National University, Kwangju 500-757, Korea), CHOI Hong Chul, MIN B. I.(Department of Physics, Pohang University of Science and Technology, Pohang 790-784, Korea), SHIM J. H.(Department of Chemistry, Pohang University of Science and Technology, Pohang 790-784, Korea), KIM H.-D.(Pohang Accelerator Laboratory, Pohang University of Science and Technology, Pohang 790-784, Korea)

Dp-II-102

Temperature dependent angle resolved photoemission spectroscopy study of pseudo-gaps in $\text{Sm}_{1.82}\text{Ce}_{0.18}\text{CuO}_4$ / 최환영 (연세대)

Dp-II-103

Correlation effect on the electronic structure of Cu_xNbSe_2 / KIM Y.K., KOH Y.Y., JUNG W.S., HAN G.R., PARK S.R., LEEM C.S., KIM Chul, SONG D. J., KYONG Y.S., CHOI H.Y.(Institute of Physics and Applied Physics, Yonsei University, Seoul 120-749, Korea), YANG L.X., CHEN H., CHEN F., FENG D.L.(Department of Physics, Surface Physics Laboratory(National Key Laboratory) and Advanced Materials Laboratory, Fudan University, Shanghai 200433, P. R. China), KIM C.(Institute of Physics

and Applied Physics, Yonsei University, Seoul 120-749, Korea)

Dp-II-104

Correlation effect on the structural and magnetic properties for surfaces with partially or completely filled 3d-orbitals / TRAN VAN QUANG, MIYOUNG KIM, HANJO LIM(Division of Energy System Research, Ajou University, Suwon 443-749 Korea)

Dp-II-105

Surface Investigations of Coated Eyeglasses / CHOI Eun Jung (Konyang University)

Dp-II-106*

Elastic Properties of Aspirin, Ibuprofen, Acetaminophen Single Crystals Studied by Brillouin Light Scattering / KIM Tae Hyun, KO Jae-Hyeon(Hallym University, Department of Physics), LEE Kwang-Sei(Inje University, Department of Nano Systems Engineering), KOJIMA Seiji(University of Tsukuba, Institute of Materials Science)

Dp-II-107*

Switching Polarity-Dependent Polarization Reversal and Conductivity in $\text{BiFeO}_3(111)$ Films / KIM Tae Heon(ReCOE, Department of Physics and Astronomy, Seoul National University, Seoul 151-747, Korea), BAEK Seung Hyuk(Department of Materials Science and Engineering, University of Wisconsin, Madison, Wisconsin 53706, USA), YANG Sang Mo, JANG Seung Yup(ReCOE, Department of Physics and Astronomy, Seoul National University, Seoul 151-747, Korea), SONG Tae Kwon(School of Nano and Advanced Materials Engineering, Changwon National University, Changwon, Gyengnam 641-773, Korea), CHUNG Jin-Seok(Department of Physics, Soongsil University, Seoul 156-743, Korea), EOM Chang Beom(Department of Materials Science and Engineering, University of Wisconsin, Madison, Wisconsin 53706, USA), YOON Jong-Gul(Department of Physics, University of Suwon, Hwaseong, Gyunggi-do 445-743, Korea), NOH Tae Won(ReCOE, Department of Physics and Astronomy, Seoul National University, Seoul 151-747, Korea)

Dp-II-108

Electronic Structure of Delafossite-type CuAlO_2 : Self-consistent GW Quasi-particle Calculations / KIM Maengsuk, PARK Chul Hong(부산대)

Dp-II-109

이차전지 전해질 활용을 위한 비정질 $\text{Li}_2\text{O}-x\text{GeO}_2-(2-x)\text{SiO}_2$ 의 전기적 특성 연구 / 이상민, 최현우, 송철호, 김 맥, 김영훈(부산대), 임영훈(세명대), 양용석(부산대)

Dp-II-110*

Effect of thermal treatments on phase development of sol-gel derived $0.67\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3-0.33\text{PbTiO}_3$ thin films and their electrical properties / YANG Sun A, HAN Jin Kyu, CHOI Yong Chan, BU Sang Don(Chonbuk National University, Department of Physics)

Dp-II-111

비정질 $8\text{LiTaO}_3\text{-SiO}_2$ 와 $2\text{LiNbO}_3\text{-SiO}_2$ 의 전기적 특성 비교 / 김영훈, 김 맥, 송철호, 이상민(부산대), 임영훈(세명대), 양용석(부산대)

Dp-II-112*

Local distribution of charges and surface potentials of photovoltaic $\text{Cu}(\text{In,Ga})\text{Se}_2$ thin films observed by scanning probe microscopy / SHIN R. H., JEONG A. R., JO W.(Ewha Womans University, Department of Physics)

Dp-II-113

초축전 $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ 비정질의 유전완화 및 전기전도 특성 / 송철호, 김 맥, 최현우, 김영훈, 이상민, 양용석(부산대)

Dp-II-114

Exfoliation 방법을 통한 순수 그래핀 제작과 SiO_2 기판 변화에 따른 그래핀 특성 연구 / LEE Duk Hyun, CHOI Jin Sik, BYUN Ik-Su, LEE Seung-Woong, PARK Ba Ho(Division of Quantum Phases & Devices, School of Physics, Konkuk University, Seoul 143-701)

Dp-II-115

비행시간 분광법 중성자 산란장치를 위한 이벤트 기반 데이터 해석 및 분석 소프트웨어 개발 / 소지용(한국원자력연구원), 박제근(서울대), 이창희(한국원자력연구원)

Dp-II-116

Morphology and Magnetization of Magnetite Particles Prepared by Sonochemical Method / CHOI Eun Jung, AHN Yangkyu (Konyang University)

Dp-II-117*

발표 취소

Dp-II-118*

Direct Imaging of Domain Wall Motions with Barkhausen

Avalanches in a Epitaxial Ferroelectric Thin Film / YANG Sang Mo, KIM H.-H., KIM T. H.(ReCOE, Department of Physics and Astronomy, Seoul National University), YOON J.-G.(Department of Physics, University of Suwon), NOH T. W.(ReCOE, Department of Physics and Astronomy, Seoul National University)

Dp-II-119*

Nanofabrication on graphene by local oxidation lithography / 박배호, 변익수, 최진식, 이덕현, 이승웅, 강성웅(건국대), 윤두희, 정현식(서강대), 손영우(고등과학원, 계산과학부)

Dp-II-120

Fourier-Transform Infrared (FT-IR) Spectroscopic Ellipsometry of Ag and Cu Single Crystals / CHOI Kyujin(Department of Physics and Institute of Physics and Applied Physics, Yonsei University, Seoul 120-749 Korea), JEONG Se-Young(Department of Nano Fusion Technology, Pusan National University, Miryang 627-706 Republic of Korea), KIM Jae H.(Department of Physics and Institute of Physics and Applied Physics, Yonsei University, Seoul 120-749 Korea)

Dp-II-121

Intrinsic doping in p-type transparent conducting $ZnRh_2O_4$ / 박찬현, 김용성(한국표준과학연구원)

Dp-II-122

$2(Ba_{1-x}Sr_x)TiO_3-SiO_2$ 비정질의 열적 및 전기적 특성 연구 / 김 맥, 송철호, 최현우, 이상민, 김영훈(부산대), 임영훈(세명대), 양용석(부산대)

Dp-II-123*

분광타원해석법을 이용한 투명한 박막의 굴절률 스펙트럼을 결정하는 방법에 대한 연구 / 안재석, 서유성(부산대)

Dp-II-124*

Sol-gel 합성법과 양극산화 알루미늄 템플레이트를 이용한 $PbTiO_3$ nanodot array 제작 / 조삼연, 한진규, 부상돈(전북대)

Dp-II-125

Optical characterization on $CuIn_{1-x}Ga_xSe_2$ thin films / SEO Y. K., PARK J.W., LEE Y. S., LEE Lee, CHUNG J.-S.(Soongsil University, Department of physics), JEONG A. R., JO W.(Ewha Womans University, Department of physics)

Dp-II-126*

Characterization of thermo-mechanical and electrical properties in Fe-Mn-O oxide-alloys for oxide fuel cell interconnect / CHOI

Hyun Woo(Department of physics, Pusan National University),
SONG Chul Ho, KIM Mac, LEE Sang Min, KIM Young Hun,
YANG Yong Suk(Department of Nano Fusion Technology, Pusan
National University)

Dp-II-127

Electrocaloric effect in $\text{Ba}_{1-x}\text{Sr}_x\text{TiO}_3$ thin films / PARK Young
an, SUNG kil dong, JUNG jong hun, HUR nam jung(인하대)

Dp-II-128*

**Variations of Ferroelectric Off-Centering Distortion and 3d-4p
Orbital Mixing in La-doped BiFeO_3 Multiferroics** / LEE
Jung-Hoon(Department of Materials Science and Engineering, and
Division of Advanced Materials Science, Pohang University of
Science and Technology (POSTECH)), CHOI Hyoung Joon(Department of Physics and IPAP, Yonsei University), LEE Dong-eun(Department of Materials Science and Engineering, and Division of Advanced Materials Science, Pohang University of Science and Technology (POSTECH)), KIM Min Gyu(Pohang Accelerator Laboratory (PAL), Pohang University of Science and Technology (POSTECH)), BARK Chung W., RYU Sangwoo, OAK Min-Ae, JANG Hyun Myung(Department of Materials Science and Engineering, and Division of Advanced Materials Science, Pohang University of Science and Technology (POSTECH))

Dp-II-129*

**Structural and electrical properties of zinc-doped indium tin
oxide thin film for transparent electrode** / CHOI Hyun
Woo(Department of physics, Pusan National University), SONG
Chul Ho, KIM Mac, LEE Sang Min, KIM Young Hun, YANG
Yong Suk(Pusan National University, Department of Nano Fusion
Technology)

SESSION P2 응용물리학회 포스터 발표: Application and Devices

2010년 4월 22일 (목) 11:00 - 13:15

장 소 : 포스터 발표장

Ep-II-037

(Y,Gd)BO₃:Nd³⁺ 형광체 분말의 형광특성 / 이성수, 김지철, 강주은
(신라대), 정중현(부경대), 이호섭, 장기완(창원대)

Ep-II-038*

A New Nonvolatile Memory Device Made of Microelectro-mechanical System and Carbon Nanotube Field Effect Transistor / PARK SeungJoo(Department of Nano Science and Technology, Seoul National University), LEE SangWook(Department of Physics, Konkuk University), CAMPBELL Eleanor(School of Chemistry, Edinburgh University, UK), BAEK SeungJae, SHIM JuneBum(Graduate School of Convergence Science and Technology, Seoul National University), PARK YungWoo(Department of Physics and Astronomy, Seoul National University)

Ep-II-039*

Unified model for reversible changes between bipolar and unipolar resistance switching phenomena in a Pt/SrTiO_x/Pt capacitor / 이신범, 이재성, 장서형(서울대), 강보수(한양대), 강병남, 노태원(서울대)

Ep-II-040*

스퍼터된 ITO 박막의 열적 광학적 특성 / 추민우, 김인구, 강만일, 김석원(울산대), 노태중, 류지욱(공주대)

Ep-II-041*

펄스 레이저를 이용한 V2O5 박막의 광변색 특성조사 / 오은지, 정주호, 강만일, 김석원(울산대)

Ep-II-042*

순열합성증착법을 이용한 In-A-Sn-O (A = Zn, Ga)채널 투명 박막 트랜지스터 제작 및 특성조사 / JU Honglyoul, MOON Joon Chul, YOON Joonseok, KIM Eun Sik, LEEM Youngchul, LEE Gi Yong (연세대), MUN Bongjin(한양대), PARK Changwoo(한밭대)

Ep-II-043*

Effects of Cu content on photovoltaic properties of Cu (In,Ga)Se₂ thin-films / JEONG A. R., SHIN R. H., JO William, SONG M., YOON S.(Department of Physics, Ewha Womans University, Seoul 120-750, Korea)

Ep-II-044*

Transient Nyquist meter with an electrical noise power spectrum / JOO Min Kyu, KANG Pilsoo(School of Electrical Engineering, Korea University), KIM Sangtae(Department of Chemical Engineering and Materials Science, University of California, Davis, One Shields Avenue, Davis, California, 95616, USA), KIM Gyu Tae(School of Electrical Engineering, Korea University)

Ep-II-045*

Estimation of electrical properties of one-dimensional random networks by SPICE simulation / KANG Pil Soo, KIM Gyu Tae(Korea University, School of Electrical Engineering)

Ep-II-046

펠트자기장 자극이 혈류에 미치는 영향 연구 / 이진용, 조규일(상지대), 박영석(블루앰테크), 최재원, 고인숙, 박은경, 김선옥, 황도근(상지대)

Ep-II-047*

형광 발광층과 인광 발광층으로 구성된 이중 발광층을 사용하여 제작된 청색 유기발광소자의 색안정화 / 방현성, 추동철, 김태환(한양대), 서지현, 김영관(홍익대)

Ep-II-048*

무기물 이중 전자 주입층을 삽입한 녹색 유기발광 소자에서 전자주입 효율 향상이 발광효율에 미치는 효과 / 황정현, 추동철, 김태환(한양대), 서지현, 김영관(홍익대)

Ep-II-049

다중 이중구조 전자수송층을 사용하여 제작한 녹색 유기 발광소자의 전하 주입 효율 증가 메커니즘 / 박수형, 추동철, 김태환(한양대), 김영관(홍익대)

Ep-II-050*

졸겔 방법으로 제작된 $\text{CaAl}_2\text{O}_4:\text{Mn}^{4+}$ 적색 무기물 형광체의 유기발광소자에 응용 / 정환석, 추동철, 김태환(한양대), 권명석(서울시립대)

Ep-II-051

LYSO crystal based scintillation detectors for a thyroid diagnosis system / JEON Sang June, PARK Jin Hun, SHIN Hyeon Cheol, JOO Koan Sik(Department of physics, Myongji university)

Ep-II-052

비진공 Chemical spray에 의한 $\text{CuInGaS}(\text{Se})$ 박막 성장 / 이동엽, 김준호(인천대)

Ep-II-053*

네마틱 액정 속 입자 관측 / PARK Jin-soon, KIM Jong-Hyun(충남대),
LEE Eun Seong, LEE Jae Yong, PARK Joo Hyun(표준과학연구소)

Ep-II-054*

Pd-Ni/a-WO₃ 수소센서 박막의 내구성 연구 / 진정모, 정현식(서강대)

Ep-II-055*

정공 저지층 역할을 하는 유기물을 포함한 복합 전자 수송층을 사용하여 제작된 유기발광소자의 발광효율 향상 메커니즘 / 고요섭, 방현성, 추동철(한양대), 김태환(한양대 전자컴퓨터통신공학부), 박정현, 서지현, 김영관(홍익대)

Ep-II-056

무냉매 전도냉각형 7 T 초전도자석 개발 / 김동락, 김재휘, 최연석, 김명수(한국기초과학지원연구원)

Ep-II-057

고온초전도 Insert를 위한 Cryostat 설계 / 김동락, 최연석, 신동원, 원성식(한국기초과학지원연구원)

Ep-II-058

액정 배향 막(Polyimide)에 대한 전자빔의 영향 / 김종현, 장태석(충남대)

Ep-II-059*

High Current Fast Switching n-ZnO/ p-Si Diode / CHOI Young, LEE Young Taek, LEE Kimoon, PARK C.H., LEE Kwang H., IM Seongil(Institute of Physics and Applied Physics, Yonsei University, Seoul 120-749, Korea), NAM Jae-Woo, LEE Byoung H., SUNG Myung M.(Department of Chemistry, Hanyang University, Seoul 133-791, Korea), LEE Kyu Min, SOHN Hyun Chul(Department of Materials Science and Engineering, Yonsei University, Seoul 120-749, Korea), PARK Aaron, MUN Sung-jin(Institute of Physics and Applied Physics, Yonsei University, Seoul 120-749, Korea)

Ep-II-060*

Total Internal Reflection Ellipsometry 를 이용한 단일 생체 고분자층 분석 / 정용우, 공태호, 변준석, 김영동(경희대)

Ep-II-061

MSD를 이용한 가스밀도측정시스템 구성 / 이용재, 장경호, 이우갑, 정진완(한국표준과학연구원)

Ep-II-062

실리카 (SiO₂) 도파로 박막의 스트레스가 파장분할다중소자 (Arrayed Waveguide Grating) 의 편광특성에 미치는 영향 / 허기석(한국생산기

술연구원), 차상준, 이현석(휘라포토닉스), 우정주(전남대)

Ep-II-063

터널링 산화막의 두께 변화에 따른 charge trap flash 메모리 소자의 retention 특성 메커니즘 / 유주형, 김현우, 정재훈, 김태환(한양대)

Ep-II-064

비대칭 도핑을 한 채널층을 가지는 FinFET 구조의 절연막 두께 변화에 따른 낸드 플래시 메모리의 동작 특성 / 유주태, 김현우, 김동훈, 유주형, 김태환(한양대)

Ep-II-065

RF magnetron sputtering의 증착조건이 Mo 박막의 비저항에 미치는 영향에 관한 연구 / 양은수, 정인승(연세대), 나영혁, 황우택, 김종진, 최명운((주) 야스), 정광호(연세대)

Ep-II-066

Synthesis and Characteristics of Carbon Nanotube Field Emitter for Miniature X-ray Tube / YEO Dong Yeol, HEO Sung Hwan, KIM Hyun Jin, CHO Sung Oh(Korea Advanced Institute of Science and Technology)

Ep-II-067

RF magnetron sputtering로 증착한 Mo 박막에 기판온도가 미치는 영향 / 정인승, 양은수, 김성인, 손민수, 유경화, 정광호(연세대)

Ep-II-068

열적 합성법을 사용하여 형성한 콜로이드 ZnO 양자점의 구조적, 광학적 및 전자적 성질 / 박근갑, 박경훈, 김태환(한양대)

Ep-II-069*

Improvement In Property Of Bipolar RRAM With A Thin Buffer Layer / YOO Hyang Keun, LEE Shin Buhm, CHANG Seo Hyoung(ReCOE, Department of Physics and Astronomy, Seoul National University), KANG Bo Soo(Department of Applied Physics, Hanyang University), NOH Tae Won(ReCOE, Department of Physics and Astronomy, Seoul National University)

Ep-II-070

유기발광소자의 정공수송 향상을 위한 F4-TCNQ를 이용한 유기p형 불순물에 관한 연구 / 이광섭, 추동철, 김태환(한양대)

Ep-II-071

FeAuPt 양자점 터널링 소자의 전기적 특성 연구 / 박상우, 서주영, 김재훈, 김은규, 최동주, 김영호(한양대)

Ep-II-072*

용매에 녹는 Alq3유도체를 사용한 OLED소자의 발광특성 및 효율적 구조 / 김형욱, 조성윤, 임종혁(아주대에너지시스템학부응용물리전공), 고광윤(아주대자연과학부화학전공), 고근하, 이순일(아주대에너지시스템학부응용물리전공)

Ep-II-073*

Study of organic solar cell with phosphorescent dopants / YI Jin Neung, SHIN Byong Wook, KIM Je Han(Kyungpook National University, Department of Physics), LEE Eui Wan, LEE Hyeong Rag(Kyungpook National University, School of Physics and Energy Science)

Ep-II-074*

Evaluation of gas permeation barrier property using calcium degradation test. / SON Myeong-Rak(Kyungpook National University, Department of Physics), LEE Sung-Youp(Kyungpook National University, Department of Nano-science and Technology), KIM Do-Eok(Kyungpook National University, Center for Functional Device Fusion Platform), KANG Shin-Won(Kyungpook National University, School of Electrical Engineering and Computer Science), LEE Eui-Wan, LEE Hyeong-Rak(Kyungpook National University, Department of Physics)

Ep-II-075*

Transfer Characteristics of Graphene Field Effect Transistors Fabricated using Photolithographic Technique / VENUGOPAL Gunasekaran(Nano Materials & System Lab, School of Engineering, Jeju National University), KIM Sang-Jae(Dept of Mechatronics Engg & Research Inst. of Adv. Technology, Jeju National University, Jeju-690756 Korea)

SESSION P2**통계물리학과회 포스터 발표**

2010년 4월 22일 (목) 09:00 - 11:15

장 소 : 포스터 발표장

Fp-II-001*

Cluster aggregation with pair exclusion / SIM Pyoung Sub, NOH Jae Dong(University of Seoul)

Fp-II-002*

Totally Asymmetric Simple Exclusion Process on a Small-World Network / NOH Jae Dong, KIM Mina(서울시립대)

Fp-II-003

Diffusive epidemic process with Levy flight / 김정화, KWON Sungchul, KIM Yup(경희대)

Fp-II-004

상호작용하는 브라운입자의 동역학을 기술하는 적분방정식에 대한 수치해석적 연구 / AHN kwangwoong, PARK hyunjoon, YEO joonhyun(건국대)

Fp-II-005*

Ground State Properties of the Hubbard Model on the Honeycomb Lattice / GO Ara(Department of Physics and Astronomy, Seoul National University), PARK Kwon(School of Physics, Korea Institute for Advanced Study), JEON Gun Sang(Department of Physics and Astronomy, Seoul National University)

Fp-II-006

Coarsening of The Nonequilibrium Kinetic Ising Chain with Absorbing Transitions : Spatial Correlations of the Order Parameters and Their Scalings / 남기권, 김봉수(창원대), 이승중(수원대)

Fp-II-007

Critical Coarsening Dynamics in a Nonequilibrium Kinetic Ising Model on a Square Lattice / 박상웅(수원대), 남기권, 김봉수(창원대), 이승중(수원대)

Fp-II-008

Phase Transitions in Interacting Monomer-Dimer Model on a Square Lattice / 박상웅(수원대), 남기권, 김봉수(창원대), 이승중(수원대)

Fp-II-009

Influence of weak nonlinearity on electronic states in one-**P2****포
스
터
세
션**

dimensional Anderson model with long-range correlated disorder / NGUYEN Ba Phi, 김기홍(아주대 에너지시스템학부)

Fp-II-010

Wave propagation and localization in one-dimensional disordered systems in the presence of an electric field / 이광진, 김기홍(아주대 에너지시스템학부)

Fp-II-011*

Conserved Noise Restricted Solid-on-Solid Model on Fractal substrates / KIM Dae Ho, KIM Jin Min(숭실대)

Fp-II-012

Bifurcation Analysis on a Financial System with Delayed Feedbacks / SON Woo-Sik, PARK Young-Jai(서강대)

Fp-II-013

Cortico-cortical Synchronization Induced by One Hz rTMS on Right Temporal Area / KIM Won Sup(Dept. of Neurology, School of Medicine, Ewha Womans University and Ewha Medical Research Institute), LEE Mina, LEE Hyang Woon(Dept. of Neurology, School of Medicine, Ewha Womans University)

Fp-II-014*

Chromo-spectroscopy of Digital Images of Western Pictures / 김영호(Department of Physics, KAIST), 손승우(Department of Physics and Astronomy, University of Calgary), 정하웅(Department of Physics, KAIST)

Fp-II-015*

Phenotypic Clues to Human Dispersal / BAEK Yongjoo, YOUN Hye Jin(Department of Physics, KAIST), SON Seung-Woo(Department of Physics and Astronomy, University of Calgary)

Fp-II-016

Minute negative superhelicity is sufficient to induce the B-Z transition in the presence of low tension / LEE Mina, KIM Sook Ho, HONG Seok-Cheol(Department of Physics, Korea University)

Fp-II-017

Dependence Structure of Korea Stock Market in High Frequency Data / 김민재, 김수용(한국과학기술원, 물리학과), 김경식(부경대)

Fp-II-018

Dynamics of Implied Volatility Surfaces from Random Matrix Theory / 김민재, 김수용(한국과학기술원, 물리학과), 김경식(부경대)

Fp-II-019

The Sensitivity Analysis of Propagator for Path Independent Quantum Finance Model / 김민재, 김수용(한국과학기술원, 물리학과), 김경식(부경대)

Fp-II-020

Multifractal property of currency exchanges with different economic scales / 김세현, 임규창, 김수용(한국과학기술원, 물리학과), 김경식(부경대)

Fp-II-021

Critical phenomena of Ising model on random correlated network / KWAK Wooseop(dept. of physics, Chosun University)

Fp-II-022

Characteristic of effective return in financial market. / 오갑진(조선대), 임규빈, 김승환(포항공과대)

Fp-II-023

Classification of tree networks / 채희승, 김 엽, 육순형, 박주용(경희대 물리학과)

Fp-II-024

Community 검색을 위한 algorithm들의 특성 분석 / 한범희, 박주용, 육순형, 김 엽(경희대 물리학과)

Fp-II-025

Transport on Correlated Complex Networks / CHOI Woosik, YOOK Soon-Hyung, KIM Yup(경희대)

Fp-II-026*

Long-Memory effect of Korean Agricultural Market / KIM Hongseok(POSTECH, 물리학과), OH Gabjin(조선대, 경영학과), KIM Seunghwan(POSTECH, 물리학과)

Fp-II-027*

Dynamics of Coupled Genetic Oscillators / 민병준, 고광일, 김인묵(고려대)

Fp-II-028*

Modeling global crisis of world economy system / 이규민(고려대), 양재석(Columbia Business School, Columbia University), 김 건(서울대), 이재성(서강대), 고광일, 김인묵(고려대)

Fp-II-029*

Dynamics of generalized priority-queue networks / 조원국, 민병준, 고광일, 김인묵(고려대)

Fp-II-030*

Analysis of human disease genes from association studies /

최지혜(고려대 물리학과), 노한성, 최인걸(고려대 생명공학부), 고광일
(고려대 물리학과)

Fp-II-031*

**Orientational Ordering of Quantum Quadrupolar Rotors :
Path-integral Monte Carlo Study with High-Order Propa-
gators /** 박성진, 권용경(건국대)

Fp-II-032

International Wealth Growth and World Trade Network / 차문용,
이재우, 이덕선(인하대)

2010년 4월 22일 (목) 11:00 - 13:15

장 소 : 포스터 발표장

Gp-II-001

A Falling Slinky as a Case of Propagation of a Force / KIM Hyunbyuk, HONG Seokjin, SONG Hyoungui(Korea Science Academy of KAIST), KIM Kyoungdae(Korea Science Academy of KAIST, KAIST)

Gp-II-002*

성공적인 물리학습의 지표로서 학생의 물리학습에 대한 신념 / 김홍정, 이윤정, 임성민(대구대)

Gp-II-003*

푸리에변환 분광기를 이용한 연구교육 프로그램 개발 및 효과 / 강영창, 이성묵(서울대)

Gp-II-004*

제 7차 교육과정 물리 교과에서 교사의 교육내용 체계에 대한 인식 및 적용 실태 분석 -전자기 단원 중심으로- / 박성만, 이봉우(단국대)

Gp-II-005

Ultrared Lamp Used Radiation Experiment / KIM Taekyu(Jeonju National University of Education, Department of Science Education)

Gp-II-006

초등과학영재학생과 초등일반학생의 자아존중감과 과학적태도와의 관계 / 박종호(진주교육대), 오광택(의령, 용덕초등학교)

Gp-II-007*

예비과학교사들의 물리 자기효능감 척도의 개발과 타당화 / 이윤정, 김홍정, 임성민(대구대)

Gp-II-008

A Study on Factors that have Influence on Characteristics of Science Talented in the Secondary School Students / 유평열, 정선우(순천대), 최용대(목원대)

SESSION P2

반도체물리학분과회 포스터 발표: II-VI 반도체/혼정 및 기타반도체

2010년 4월 22일 (목) 11:00 - 13:15

장 소 : 포스터 발표장

Kp-II-001*

Growth of fluorine doped zinc oxide thin film with zinc fluoride precursor by pulsed laser deposition method / KIM useong(SNU)

Kp-II-002*

Ge 층을 증착한 Si 기판위에서 성장한 ZnSe nanowire에 관한 연구 / 윤현식, 김정혁, 문소라, 정재훈, 김유리, 송만석, 김 용(동아대), GAO Qing, CHENNUPETI Jagadish(The Australian National University)

Kp-II-003

Fabrication of ZnO/LiNbO3 multilayer thin films and properties of electric and ferroelectric / KIM SAESBYUL, LI GUOJIE, CHOI BYUNGCHOON, JUNG JOONGHYUN, SANGARAJU SAMBASIVAM(부경대)

Kp-II-004

Micro-structural and electrical properties of ZnO nanorods synthesized on Ti buffer layers / 광창하(포항공대 신소재공학과), 김병혁, 박창인(전북대), 서수영, 김선호(포항공대 신소재공학과), 한상욱(전북대)

Kp-II-005

전자빔 조사에 의한 CdS 나노구조의 수용성 합성에 관한 연구 / 하성용, 추문식, 이은성, 김곤우, 김일곤, 유동선(창원대)

Kp-II-006*

Fully Rollable Transparent Nanogenerators Based on Graphene Electrodes / 서주석, 박현규(성균관대), 최덕현, 최제영(삼성종합기술원), 김상우(성균관대)

Kp-II-007*

Controlled growth of CdS nanostructures in a chemical vapor deposition process / KIM Seong-Soo, LEE Kang-Hyuck, KUMAR Brijesh(School of Advanced Materials Science and Engineering, Sungkyunkwan University), KIM Sang-Woo(School of Advanced Materials Science and Engineering, Sungkyunkwan University SKKU Advanced Institute of Nanotechnology (SAINT) and Center for Human Interface Nanotechnology (HINT), Sungkyunkwan University)

Kp-II-008*

줄겔법의 전구체 물농도 변화에 따른 ZnO 나노구조의 특성 연구 / 임재영, 김군식, 김민수, 조민영, 최현영, 전수민, 임광국(인제대), 이동률(삼성엘이디주식회사 Epi-manufacturing Technology), 김진수(전북대), 김 종수(영남대), 손정식(경운대), 이주인(한국표준과학연구원 첨단산업측정그룹)

Kp-II-009*

Growth and Characterization of ZnS Thin Films Grown by Using CBD Technique / 엄영호, 박승민, 김형민, 이주용, 김현오(울산대)

Kp-II-010

Zeeman and temperature effects on the current through a hybrid resonant tunneling diode / 김남미(숭실대), 강태원, LI Ming Kai(동국대)

Kp-II-011

RF magnetron sputtering법에 의해 제작된 SnO₂ 박막의 열처리에 대한 영향 / 유재수, 주동혁, 임정우(경희대)

Kp-II-012*

수열합성법에 의한 Si(100)와 Si(111) 기판에 ZnO 나노막대 성장 및 열처리 효과에 관한 연구 / 임재영, 전수민, 김민수, 김군식, 조민영, 최현영, 임광국(인제대), 이동률(삼성엘이디주식회사 Epi-manufacturing Technology), 김진수(전북대), 김종수(영남대), 손정식(경운대), 이주인(한국표준과학연구원 첨단산업측정그룹)

Kp-II-013

MOCVD 법을 이용한 CIGS 태양전지의 buffer와 window층 제작 연구 / 현동원, 최인환(중앙대)

Kp-II-014*

플라즈마 분자선 에피택시에 의해 Zinc interruption growth 법으로 성장된 ZnO 박막의 특성 연구 / 임재영, 김민수, 김군식, 조민영, 최현영, 전수민, 임광국(인제대), 이동율((주)삼성LED Epi-manufacturing Technology), 김진수(전북대), 김종수(영남대), 손정식(경운대), 이주인(한국표준과학연구원 첨단산업측정그룹)

Kp-II-015*

스핀코팅 횟수에 따른 ZnO 박막의 특성 변화에 관한 연구 / 임재영, 임광국, 김민수, 김군식, 조민영, 최현영, 전수민(인제대), 이동률(삼성엘이디주식회사 Epi-manufacturing Technology), 김진수(전북대), 김종수(영남대), 손정식(경운대), 이주인(한국표준과학연구원 첨단산업측정그룹)

Kp-II-016

α -MnSe 박막의 결정 구조와 타원분광학적 특성 / 김대중, 최용대 (목원대), 이종원(한밭대), 빈석민, 김창수(한국표준과학연구원 나노소재측정센터)

Kp-II-017*

CdS/CdSe 측면 헤테로 나노벨트의 후속 열처리에 따른 CdS의 확산 측정 / 문소라, 김유리, 윤현식, 김정혁, 정재훈, 김 용(동아대물리학과), GAO Qing, TAN H. Hoe, JAGADISH Chennupeti(The Australian National University), ZOU Jin, CHEN Zhigang(The University of Queensland)

Kp-II-018

RF magnetron sputtering법으로 증착한 un-doped SnO₂ 투명전극의 기판-타겟 거리에 따른 특성 분석 / 유재수, 임정우(경희대)

Kp-II-019*

C-plan과 A-plan bulk ZnO 기판의 발광 특성의 차이에 관한 연구 / 장지호, 조유진, 조영지, 구지은, 최성국, 정미나(한국해양대)

Kp-II-020*

Nanoscale Networked Single-Walled Carbon-Nanotube Electrodes for Transparent Flexible Nanogenerators / PARK Hyun-Kyu, SEO Ju-Seok(Sungkyunkwan University, School of Advanced Materials Science and Engineering), CHOI Dukhyun, CHOI Jae-Young(Samsung Advanced Institute of Technology), KIM Sang-Woo(Sungkyunkwan University, School of Advanced Materials Science and Engineering, SKKU Advanced Institute of Nanotechnology(SAINT), Center for Human Interface Nanotechnology(HINT))

Kp-II-021

H₂ Plasma-resistant Al-doped Zinc Oxide Transparent Conductive Oxide for a-Si Thin Film Solar Cell Application / YOO Hana, CHOI Bum Ho, LIM Yong Hwan, LEE Jong Ho(Korea Institute of Industrial Technology, Honam Technology Division)

Kp-II-022*

수열합성법에 의해 물 농도 및 성장시간의 변화에 따라 성장된 ZnO 나노구조의 특성 연구 / 임재영, 조민영, 김민수, 최현영, 전수민, 임광국(인제대), 이동률(삼성엘이디주식회사 Epi-manufacturing Technology), 김진수(전북대), 김종수(영남대), 손정식(경운대), 이주인(한국표준과학연구원 첨단산업측정그룹)

Kp-II-023*

Fabrication and Characterization of Silica-encapsulated Single

Quantum Dot / 김규현, ISNAENI Isnaeni, 조용훈(한국과학기술원 물리학과)

Kp-II-024*

Ag를 도핑시킨 ZnO 박막의 제조 및 특성 분석 / 강현철, 선정호 (조선대)

Kp-II-025

Enhancement in Band edge Emission from ZnO Nanotubular Structures / LEE Kang-Hyuck, KUMAR Brijesh(School of Advanced Materials Engineering & Science, Sungkyunkwan University), KIM Sang-Woo(SKKU Advanced Institute of Nanotechnology (SAINT) and Center for Human Interface Nanotechnology (HINT))

Kp-II-026*

Optical Properties of ZnO Nanoparticle Films Prepared by Sol-Gel Process / LEE Cheol Eui, HAM Yong Ju(Korea University, Department of Physics)

Kp-II-027

수용액 상에서 리간드 치환 방법으로 합성된 CdS 양자점의 물성 연구 / 추문식, 하성용, 이은성, 김곤우, 김일곤, 유동선(창원대)

Kp-II-028*

Optical and structural characterization of Nb implanted ZnO / 김창오, 김 성, 최석호(경희대 응용물리학과), K. Belay, R. G. Elliman(호주국립대학 전자재료공학과)

Kp-II-029*

Growth and Characterization of Ga-doped ZnO Thin Films Grown By Using RF Magnetron Sputtering System / 엄영호, 김형민, 이주용, 김현오, 김대일(울산대)

Kp-II-030*

산화아연 나노막대-그래핀 하이브리드 화학가스센서 / 박원일, 이재석 (한양대)

Kp-II-031

A Study of p-type Characteristics by the Deposition Pressure of Mn doped ZnO / CHA Su-Young, SHIN Jong Moon, CHO Yong Chan, KIM Su-Jae, CHO Chae Ryong(Dept. of Nano Fusion Technology, Pusan National University, Mirang 627-706, Korea), JEONG Se-Young(Dept. of Cogno-Mechatronics Engineering, Pusan National University, Mirang 627-706,)

SESSION P3**원자핵물리학과회 포스터 발표**

2010년 4월 22일 (목) 15:30 - 17:45

장 소 : 포스터 발표장

Cp-III-001

Optimization of the timing performance of a fine mesh prototype counter for CTOF detector in CLAS12 / DHO Hoseog, KIM Wooyoung, VYACHESLAV Kuznetsov, NI Andrey, SERGEY Chebotarev, KIM Andrey, KIM Yuseok, EVGENIY Milman(경북대), LEE Minyoung, YANG Taekeun(한국원자력의학원)

Cp-III-002

Non-flow effect for Measurement of Elliptic flow at CMS / 최민규, 박인규, 강서곤, 박상남, 김현용, 류진모(서울시립대)

Cp-III-003*

Beam Test Of A Prototype For PHENIX FOCAL / 임상훈, 강주환, 권영일, 김현주, 송명근(연세대), 심광숙, 홍병식, 주은아(고려대), 주관식, 문혜진(명지대), 한인식, 박일홍, 이 직, 이혜영(이화여자대), 김은주, 이순례(전북대)

Cp-III-004

Isomeric yield ratios and spin-cutoff parameters of $^{109m,g}\text{Pd}$ and $^{115m,g}\text{Cd}$ / RAHMANN Md. Shakilur, 이만우, 김경숙, 김귀년, 김광수(경북대), 조무현, 고인수, 남궁원(포항공과대), PHAM Duck Khue, NGUYEN Van Do(Vietnam Academy of Science and Technology, Institute of Physics)

Cp-III-005

Preparation of T-Invariance test in (n, g) Reactions with Multicrystal Scintillation Detector / LEE Manwoo, KIM Kyungsook, KIM Eunchan, KIM Kwangsoo, KIM Guinyun(Kyungpook Nat. Univ. Physics Dept.), SKOY Vadim R.(Joint Institute for Nuclear Research, Dubna, Russia), WON Namkung(Pohang Univ. of Science and Technology, Physics Dept.)

Cp-III-006*

포함 2.5GeV 제동복사선을 이용한 빔 에너지 측정 / 이재기, 황상훈, 백광윤, 박진용(부산대), 이효상(부산대물리학과), 안정근(부산대)

Cp-III-007

NMR setup for Polarization Measurement of the Polarized Noble Gases ^3He and ^{129}Xe / KIM Wooyoung, SAMUEL Stepanyan, DHO Hoseog, EVGENIY milman, SERGEY Chevotaryov(경북대)

Cp-III-008

Results of 900GeV pp min-bias Data and MC skim for events and jets at CMS(LHC) / 강서곤, 최민규, 김현용, 류건모, 박상남, 박인규(서울시립대)

Cp-III-009

OSL characteristics of quartz / HONG Duk-Geun(Department of Physics, Kangwon National University), KIM Ki-Bum(Cyclotron Research Institutur, Kangwon National University)

Cp-III-010

Comparison study of the absorbed dose in inhomogeneous phantom from bremsstrahlung photon source. / SHIN JaeWon, HONG Seung-Woo(Department of Physics and Department of Energy Science, Sungkyunkwan University, Suwon 440-746, Korea), LEE Chung-II, SUH Tae-Suk(Research Institute of Biomedical Engineering, The Catholic University of Korea and Department of Radiation Oncology, St. Marys Hospital, The Catholic University of Korea)

Cp-III-011

Monte Carlo simulation of photon beams from 6 MV cyber-knife / LEE Sang Deok(Department of Physics and Department of Energy Science, Sungkyunkwan University, Suwon 440-746, Korea and Department of Optometry, Gimcheon University, Gimcheon 740-704, Korea), SHIN JaeWon, HONG Seung-Woo(Department of Physics and Department of Energy Science, Sungkyunkwan University, Suwon 440-746, Korea), LEE Chung-II, SUH Tae-Suk(Research Institute of Biomedical Engineering, The Catholic University of Korea and Department of Radiation Oncology, St. Marys Hospital, The Catholic University of Korea)

Cp-III-012*

High resolution Alpha Spectrometers Using Cryogenic Detectors / 장용식(경북대), 김민성, 김용함, 김일환(한국표준과학연구원), RANITZSCH Philipp Chung-On(University of Heidelberg), 윤원식, 이경범, 이민규, 이상준, 이준서(한국표준과학연구원), 이형철(경북대)

Cp-III-013

MCNPX를 이용한 NaI-검출기 반응 함수와 구조적 관계에 대한 평가 / 맹성진, 이상훈(경북대)

Cp-III-014

Measurement of $^{165}\text{Ho}(n,g)$ Reaction Cross Section by Linac / CHOI Wonchul(Department of Radiological Science, Nambu

University), LEE Samyol(Department of Radiological Science, Dongseo University)

Cp-III-015

Measurement of heavy metal contamination of shellfish by using Neutron Activation Analysis(NAA) / YANG Jinsuck (Department of Radiological Science, Nambu University), LEE Samyol(Department of Radiological Science, Dongseo University)

Cp-III-016

Parity Violating Electron Scattering in the Quasi Elastic Region / KO Yongkyu, KIM Kyung Sik(Korea Aerospace University, School of Liberal Arts and Science)

Cp-III-017

발표 취소

Cp-III-018*

Identification of elastic and inelastic scattered protons by TOF method / 정효순, 권영관, 문준영, 윤종철, 이춘식(중앙대)

Cp-III-019*

The efficiency measurement of the Water Cerenkov Counter for E18 / KIM Sunji, BHANG H., KIM M., TSHOO K., TANIDA K.(Seoul National University), FUJIOKA H., SADA Y., ASANO H.(Kyoto University)

Cp-III-020

Measurements of neutron capture yield spectrum of ^{155,156,157,158,160}Gd isotopes using RPI electron linear accelerator and multiplicity NaI(Tl) detector. / CHOI H.Y, KIM H.J, YI K.R, KANG Y.R, YOON J.R, RO T.I(Dong-A Univ.), LEE M.W, KIM G.N(Kyungpook Nat. Univ), LEE J.H(Dong-eui Univ.), LEE S.Y(Dongseo Univ.), D.P Barry, M.J Rapp, D. Williams, Y. Danon(RPI)

Cp-III-021

Activation and discoloration of plastics by proton beam irradiation / 나세진, 정명환, 길재근, 김계령(한국원자력연구원), 양태건(한국원자력병원)

Cp-III-022

Study of the production rate of the isotopes and neutron generated from the target material with ion sources using Monte Carlo code / SHIN Jae Won, KIM Doyoon, PARK Tae-Sun, HONG Seung-Woo(Department of Physics and Department of Energy Science, Sungkyunkwan University, Suwon 440-746, Korea)

Cp-III-023*

Phi Photoproduction from LEPS/SPRing-8 / 류선영(오사카대학, RCNP / RIKEN), 안정근(부산대), NAKANO Takashi(오사카대학, RCNP), FOR THE LEPS COLLABORATION

Cp-III-024

Development of a New Nuclear Data Library Format using the ROOT Toolkit. / BAK Sang-In, PARK Tae-Sun, HONG Seung-Woo(성균관대), CARMINATI Federico(CERN), KADI Yacine, TENREIRO Claudio(성균관대)

Cp-III-025

The simulation of Forward Calorimeter for PHENIX using GEANT4 / 김현주, 강주환, 권영일, 임상훈, 송명근(연세대), 주관식, 문혜진(명지대), 홍병식, 주은아(고려대), 김은주, 이순례(전북대), 박일홍, 이 직, 이해영, 한인식(이화여자대)

Cp-III-026

KAERI DC-TOF Main DAQ/Control system software development / H. O. Kim, H. J. Kim(Department of Physics, Kyungpook National University), U. W. Nam(Korea Astronomy & Space Science Institute), J. Y. So, Y. H. Choi, M. K. Moon, S. J. Cho, Y. K. Jeon, C. H. Lee(Korea Atomic Energy Research Institute), JE-GEUN Park(Department of Physics & Astronomy, Seoul National University)

Cp-III-027*

Power Control Unit construction and the test results with TRD super-modules in ALICE experiment / KIM Minwoo(Yonsei University, Nuclear Physics Lab.)

Cp-III-028

Multi-functional Detector for proton beam monitoring system / 소중호, 김홍주, 황용석(경북대), 김계령, 나세진, 정명환(원자력연구원 양성자기반공학기술개발사업단)

Cp-III-029*

실리콘 광-스트립 검출기 개발 / 가동하, 김현옥, 김홍주, 박환배, 배재범, 현효정(경북대)

Cp-III-030*

Measurement of charge-carrier transport properties in a Cd-ZnTe material using a Time of Flight(TOF) method / 조화연(중앙대물리학과), 이주환, 문준영(중앙대), 이춘식(중앙대물리학과)

P3

포
스
터
세
션

Cp-III-031

연구용원자로 하나로의 중성자 스펙트럼 측정 결과 1 / 문명국, 이승욱, 이창희, 한영수, 소지용, 유민상(한국원자력연구원)

Cp-III-032

하나로 DC-TOF용 PSD 신초처리장치 개발과 특성 / 남옥원(한국천문연구원), 문명국, 소지용, 최영현, 이창희(한국원자력연구원), 김현옥, 김홍주(경북대), 박제근(서울대)

Cp-III-033

Production and test of a prototype for compact electromagnetic calorimeter / 송명근, 강주환, 권영일, 김현주, 임상훈(연세대), 심광숙, 홍병식, 주은아(고려대), 주관식, 문혜진(명지대), 한인식, 박일홍, 이 직, 이혜영(이화여자대), 김은주, 이순례(전북대)

Cp-III-034

Simulation of the Shielding of Neutrons from ^{252}Cf Source / SHIN JaeWon, BAK Sang-In, PARK Tae-Sun, HONG Seung-Woo(Department of Physics and Department of Energy Science, Sungkyunkwan University, Suwon 440-746, Korea), HAHN Insik(Department of Science Education, Ewha Woman's University, Seoul 120-750)

Cp-III-035

Czochralski growth and scintillation properties of $\text{Bi}_4\text{Si}_3\text{O}_{12}$ (BSO) crystal / JIANG hua, GUL Rooh, 김홍주, 박환배(경북대), 김성환(청주대)

Cp-III-036

The Characteristics of Stilbene Crystall for Fast Neutrons Spectrometer / KIM Hyunduk(Radiatin Science Research Institute, Kyungpook National University), KIM Hongjoo(School of Physics and Energy Sciences, Kyungpook National University)

Cp-III-037*

Development Of The Multi-gap Resistive Plate Chambers For Triggering Muons In High-rate Environment / 이한범, 문봉선, 김지현, 김현철, 문동호, 박성근, 서은성, 신승수, 심광숙, 이경세, 장진희, 정민수, 조미희, 주은아, 홍병식(고려대)

Cp-III-038*

The measurement of X-ray for compact ECR ion source / 박진용(부산대한국기초과학지원연구원), 이병섭(한국기초과학지원연구원), 이효상, 안정근(부산대), 배종성, 원미숙(한국기초과학지원연구원)

Cp-III-039

MICROMEGAS 검출기 제작 및 성능 시험 / 김도윤, TENREIRO Claudio, KADI Yacine(성균관대), ANDRIAMONJE Samuel(CERN), 박태선, 홍승우(성균관대)

Cp-III-040

질량분리기에서 wedge-shaped energy degrader와 charge stripper를 이용한 방사성 이온 빔의 순도 향상 조건에 대한 연구 / 김장열, 윤종철, 문준영, 이춘식(중앙대)

Cp-III-041

Development of CZT strip and CZT Frisch collar detector and Comparison of detector performances / PARK Se-Hwan, CHO Yun-Ho, KIM Han Soo, HA Jang Ho, EOM Sung Ho, SHIN Hee-Sung(Korea Atomic Energy Research Institute)

Cp-III-042

Indium 첨가물을 이용한 CZT 검출기 성능개선에 대한 연구 / 조윤희, 박세환, 하장호(Korea Atomic Energy Research Institute), 김용균(Hanyang University)

SESSION P3

응집물질물리학분과회 포스터 발표:
표면/계면/바이오-유기물

2010년 4월 22일 (목) 15:30 - 17:45

장 소 : 포스터 발표장

Dp-III-130

Modulation of the Sound Press Level by the Treatments of Polymer Diaphragms through Ion Implantation Methods. / YEO Sunmog(한국원자력연구원), 이호재(청음전자), 박재원(한국원자력연구원)

Dp-III-131

Interfacial structure of Langmuir monolayer consisting of polar lipids having oppositely charged headgroups / SUNG Woongmo, SEOK Sangjun, KIM Doseok(Department of Physics, Sogang University)

Dp-III-132*

Niels Bohr's unknown insight in hydrodynamics / 문송기, 양주희, 곽호정, 신영훈, 박건중, 김호영, 이재형, 안경원(서울대)

Dp-III-133

Dielectric spectroscopy of pure KMgF_3 and sm^{3+} -doped KMgF_3 single crystals above room temperatures. / 박종호(진주교육대)

Dp-III-134*

The Effect of Electron Beam Irradiation for Osteoblast Cell Growth on Titanium Dioxide Nanotube / YOON Sung Wook, JUNG Hong Yul, LEE Min Ji(Department of Nano and Electronic Physics, Kookmin University, Seoul, Korea), OH Seung Han(Department of Dental Biomaterials, College of Dentistry, Wonkwang University, Iksan, Jeonbuk, Korea), KIM Chul Sung, SHIM In-Bo(Department of Nano and Electronic Physics, Kookmin University, Seoul, Korea)

Dp-III-135*

Folding and unfolding States of Maltose Binding Protein by denaturant effect for Fluorescence Resonance Energy Transfer / 윤태영, 이태선(한국과학기술원, 물리학과), 서문형, 김은경, 김학성(한국과학기술원, 생명공학과)

Dp-III-136*

Controlled Surface Adsorption of fd Filamentous Phage by Tuning of the pH and the Functionalization of the Surface / JEON Dae-Young(Korea University), HWANG Kyung Hoon

(KIST-Europe), PARK So-Jeong, KIM Yun-Jeong, JOO Min-Kyu, AHN Seung-Eon, KIM Gyu-Tae(Korea University), NAM Chang-Hoon(KIST-Europe)

Dp-III-137*

Optical Studies of DNA/Single-Walled Carbon Nanotube Composites / LEE cheol eui, HONG Won Seon, LEE Eunmo(Korea university, Department of Physics)

Dp-III-138*

대기압 소형 제트 플라즈마를 이용한 인체세포 처리 및 플라즈마의 세포파괴 기작에 대한 연구 / 권보미, 김단비, 정희수(KAIST, 물리학과), 김미나, 김대연, 신현정(KAIST, 기계공학과), 최원호(KAIST, 물리학과)

Dp-III-139*

유기반도체 tetramethyltetraselenafulvalene(TMTSF)의 광학적 특성 연구 / LEE InJae, YUN mira, PARK Eurdoo, JEONG Sukmin(전북대)

Dp-III-140

Power law behavior of the magnetoresistance in an organic light-emitting diode based on tris(8-hydroxyquinolino)aluminum / KANG Hoju, YOON Choon Sup(KAIST)

Dp-III-141*

Epitaxial growth and Characterization of Cu-phthalocyanine thin films on Si(100)/MgO(100)/Fe(100)/MgO multilayers / BAE Yu Jeong, LEE Nyun Jong, KIM Tae Hee(Department of physics, Ewha Womans University), LEE Jea Hyoung(Samsung Electronics Co. LTD), CHO Hyunduck, LEE Changhee(School of Electrical Engineering and Computer Science, Seoul National University)

Dp-III-142

나노규모 분해능의 스펙트럼 맵핑을 이용한 Alq3 입자 연구 / 김대철, 박성규, 이현수, 윤새나(인천대), 박동혁(고려대), 김정용(인천대)

Dp-III-143*

Enhancement of electrical stability on amorphous InGaZnO thin films by hydrogen / KIM Won-kyung, LEE Seunghun(Dept. of Cogno-Mechatronics Engineering, Pusan National University, Miryang), CHO Yong Chan, SHIN Jong Moon(Dept. of Nano Fusion Technology, Pusan National University, Miryang), BAE Jong-Seong(Busan Center, Korea Basic Science Institute, Busan), PARK Sungkyun(Dept. of Physics, Pusan National University, Busan), CHO Chae Ryong(Dept. of Nano Fusion Technology, Pusan National University, Miryang), JEONG Se-Young(Dept. of Cogno-

Dp-III-144

Pt(111) 표면에서 O₂ 분자의 흡착반응 : 밀도 범함수 이론 / 권오룡, 윤원석, 홍순철(울산대)

Dp-III-145

Interplay of Hydrogen and Halogen Bondings in a Two-dimensional Supramolecular System / 윤종건, 정경훈, 김호원, 강세중(고려대)

Dp-III-146*

Scanning Tunneling Microscopy Study for Pentacene Molecule Adsorbed on the In Atomic Wire Formed on Si(111) / OH Duck Mahn(Department of Physics and Center for Atomic Wires and layers, POSTECH), YEOM Han Woong(Department of Physics and Center for Atomic Wires and Layers, POSTECH)

Dp-III-147

Binding and Diffusion of Ag Adatoms near Dangling Bond Defects on H/Si(001) / 김규형, 정석민(전북대)

Dp-III-148

First-principles study of pressure-dependent band-gap opening in graphene sandwiched between SrCl₂ (111) surfaces / GOH Jung Suk, CHOI Hyoung Joon(Department of Physics and IPAP, Yonsei University)

Dp-III-149

Mechanism Of Workfunction Modification Between Cu(111) Metal Surface And HAT-CN Molecule For OLED Applications : Ab Initio Study / KIM Ji-Hoon, PARK Yongsup, KWON Young-Kyun(Department of Physics and Research Institute for Basic Sciences, Kyung Hee University)

Dp-III-150

Surface Electronic Topological Transition Driven by Lateral Strain / FeO/Fe(001) Surfaces / PARK Jinwoo, YU Byung Deok (Department of Physics, University of Seoul)

Dp-III-151

금속재료분석을 위한 SIMS 분석법 연구 / 김성규, 이봉호, 박찬경(포항공과대)

Dp-III-152

양전자 방출 방사성동위원소 이용 물질의 미세 구조 결합 분석 및 생체의 화학성분 분석 기술 개발 / 김재홍(한국원자력의학원 방사선물리공

학부), 이종용(한남대), 양태건(한국원자력의학원 방사선물리공학부)

Dp-III-153

Lateral confinement of surface electrons on Au(111) / 김호원, 정경훈, 윤종건, 장원준, 강세중(고려대)

Dp-III-154

Electrical properties of PLT thin films fabricated by using a sol-gel method / LEE Ju Ho, PARK Jae Woong, KIM Yeon Jung, HYUN June Won, KIM Yong Min, KIM Hee Soo(Dankook University, Applied Physics)

Dp-III-155

STM study of CVD grown graphene / JEON insu, KHIM Zheong Gou(Department of Physics & Astronomy, Seoul National University), CHUNG hyunjong, LEE sung-hoon, HEO jinseong, SEO sunae(Samsung Advanced Institute of Technology)

Dp-III-156

Modified Electronic Structure of Distorted Graphene on Ru(0001): TM and STS Study / 장원준, 윤종건, 김호원, 강세중(고려대)

Dp-III-157

Electronic Structures of Magnetic Ion Containing Porphyrin Molecules on Au(111) / 김호원, 정경훈, 윤종건, 강세중(고려대)

Dp-III-158

Furier transform of ARPES data by using a multibrilluin zone / 정원식, 김창영, 김 철, 송동준, 김용관, 고윤영, 한가람, 경원식, 김범영(연세대)

Dp-III-159*

Longitudinal friction signals in mono layer graphene / 박배호, 최진식, 변익수, 이덕현, 이승웅, 강성웅(건국대), 윤두희, 정현식(서강대), 손영우(고등과학원 (KIAS))

Dp-III-160

Surface Structure of the Al/W(110) Plane / 최대선, 김도형(강원대)

Dp-III-161

Adsorption Properites of Transition-metal Dimers on MgO(001) Surfaces / JEON Junjin, PARK Jinwoo, YU Byung Deok (Department of Physics, University of Seoul)

Ep-III-076

Mechanical Detection of the Superconducting Transition of a micron-sized Niobium Thin Film / 최현화(Center of Emerging Measurement Standards, Korea Research Institute of Standards and Science, Daejeon 305-340, Republic of Korea. Department of Nano Science, University of Science and Technology, Daejeon 305-333, Republic of Korea.), 김윤원(Center of Emerging Measurement Standards, Korea Research Institute of Standards and Science, Daejeon 305-340, Republic of Korea. Department of Display and Semiconductor Physics, Korea University, Jochiwon, Chungnam 339-700, Republic of Korea), 김지영(Center of Emerging Measurement Standards, Korea Research Institute of Standards and Science, Daejeon 305-340, Republic of Korea.), 이순걸(Department of Display and Semiconductor Physics, Korea University, Jochiwon, Chungnam 339-700, Republic of Korea), 최재혁(Center of Emerging Measurement Standards, Korea Research Institute of Standards and Science, Daejeon 305-340, Republic of Korea. Department of Nano Science, University of Science and Technology, Daejeon 305-333, Republic of Korea.)

Ep-III-077

Study On The Electric Response From A Symmetric-like Fishnet Metamaterial Structure / N. T. Tung, J. W. Park, S. J. Lee(Quantum Photonic Science Research Center and Department of Physics, Hanyang University, Seoul 133-791, Korea), J. Y. Rhee(Department of Physics, Sungkyunkwan University, Suwon 440-746, Korea), Y. P. Lee(Quantum Photonic Science Research Center and Department of Physics, Hanyang University, Seoul 133-791, Korea)

Ep-III-078

Multiple Magnetic Resonances In An Extended Unit Cell Of Misaligned Cut-wire Pairs / V. T. Thuy, N. T. Tung(aq-Psi and Department of Physics, Hanyang University, Seoul 133-791, Korea), V. D. Lam(Institute of Materials Science, Vietnamese Academy of Science and Technology, Hanoi, Vietnam), J. Y. Rhee(Department of Physics, Sungkyunkwan University, Suwon 440-746, Korea), S. J. Lee, J. W. Park, Y. P. Lee(q-Psi and Department of Physics,

Ep-III-079

Plasmonic analogue of electromagnetically induced transparency without broken symmetry / X. JIN, Y. Lu, H. Zheng(Quantum Photonic Science Research Center and Department of Physics,), W. H. Jang(Korea Communication Commission Radio Research Laboratory, Seoul 140-848, Korea), J. Y Rhee(Department of Physics, Sungkyunkwan University, Suwon 440-746, Korea), Y. P. Lee(Quantum Photonic Science Research Center and Department of Physics,)

Ep-III-080*

Luminescence properties of $\text{Na}_5\text{Y}(\text{WO}_4)_2$ doped Sm^{3+} phosphor prepared by solid-state method / CHEN Yeqing, 양현경, 정중현(부경대)

Ep-III-081*

Eu^{3+} 이온을 첨가한 $\text{NaY}(\text{WO}_4)_2$ 와 $\text{NaY}(\text{MoO}_4)_2$ 형광체 분말의 형광 특성 비교 / 박성욱, CHEN Yeqing, LI Huaiyong, 문병기, 최병춘, 정중현(부경대)

Ep-III-082

Adjustment Of The Transmission By Controlling The Geometrical Parameters Of Splitting-ring Resonators / H. Zheng, Y. Lu, Y. P Lee(Quantum Photonic Science Research Center and Department of Physics)

Ep-III-083

Rectification of Solar Radiation Alternating Currents / 정문성, 금관필, 구자훈(울산대)

Ep-III-084

Luminous properties of TiO_2 nanophosphors codoped with Tb^{3+} and Yb^{3+} ions / 김중환, 최혜영(동의대), 문병기, 정중현, 노현미(부경대)

Ep-III-085

Er^{3+} 와 Yb^{3+} 이온이 첨가된 ZrO_2 나노형광체의 에너지 전달과정연구 / 김중환(동의대), 노현미, 문병기, 정중현(부경대), 최혜영(동의대)

Ep-III-086*

Single-Crystalline Silicon Nanowired Pyramid by Chemical Etching / SHIM Jae-Hyoung, LEE In-Ji, BAEK Seung-Wook, LEE Gon-Sub, SHIM Tae-Hun, PARK Jea-Gun(Advanced Semiconductor Material and Device Development Center, Hanyang University)

Ep-III-087*

Formation of Si nanopillars on Si substrate by Ag nanodots etching-mask / BAEK Seung-Wook, LEE In-Ji, SHIM Jae-Hyoung, LEE Gon-Sub, SHIM Tae-Hun, PARK Jea-Gun(Advanced Semiconductor Material and Device Development Center, Hanyang University)

Ep-III-088*

알칼리제 혼합에 따른 강진 목리 소지(고려청자의 소지)의 물성 연구 / 윤미영, 김연중, 현준원, 박종훈, 조일묵(단국대)

Ep-III-089

Electrochemical Corrosion Behaviors of Amorphous $\text{Co}_{69}\text{Fe}_{4.5}\text{Cr}_{1.5}\text{Si}_{10}\text{B}_{15}$ Alloy by Quenching Method / 김현구, 공현식, 송보미(조선대), 명화남(전남대), 장희진(조선대)

Ep-III-090*

The resistive switching behavior in single silver selenide nanowire / LEE NAM JOO(MYONGJI UNIVERSITY, Nano Science and Engineering), YOO EUN JI(MYONGJI UNIVERSITY, Physics), AN BOO HYUN, JI HYE MIN(KOREA UNIVERSITY, Materials Science and Engineering), CHO JIN WOO(Korea Electronics Technology Institute), KIM YOUNG KEUN(KOREA UNIVERSITY, Materials Science and Engineering), CHOI YOUNG JIN, KANG CHI JUNG(MYONGJI UNIVERSITY, Physics)

Ep-III-091

Ambipolar Transport and Photoresponsive Characteristics in Soluble Organic Thin Film Transistors Using 4(HP3T)-benzene and PCBM Composites / 주진수, 제만중, 조미연, 김경환, 최동훈(고려대)

Ep-III-092

Thermal Conductivity of Thin Film $\text{Ge}_2\text{Sb}_2\text{Te}_5$ in Temperature range 30~240°C with 3ω Method. / KIM Hyung Joon, CHAI Yisheng, KIM Jae Wook(Department of Physics and Astronomy, Seoul National University), LEE Jong Ho, RYU Seung Wook, AHN Young Bae, KIM Hyeong Joon(School of Materials Science and Engineering, College of Engineering, Seoul National University), LEE Su Youn, CHEONG Byung Ki(Thin Film Materials Research Center, Korea Institute of Science and Technology), LEE Seung Min(Devices and Materials System Laboratory, LG Electronics Advanced Research Institute), KIM Kee Hoon(Department of Physics and Astronomy, Seoul National University)

Ep-III-093

Preparation and characterization of coaxial nickel oxide-carbon core-shell nanostructure / SUNDARAY Bibekananda, CHOI Ajeong, KIM Kyung Ho, PARK Yung Woo(Seoul National University, Department of Physics and Astronomy)

Ep-III-094

CoAs₂ 에피박막성장 및 열전특성연구 / 신유리미, 조성래(울산대)

Ep-III-095

Photochemical Studies of Trivalent Rare-earth Ions in Alkaline Earth Sulfides / 하명규, 정의덕(한국기초과학지원연구원 부산센터), 양호순(부산대), 홍경수(한국기초과학지원연구원 부산센터)

Ep-III-096

Photochemical Properties of Eu³⁺ Ions in Fluorophosphate Glasses / 하명규, 정의덕(한국기초과학지원연구원 부산센터), 양호순(부산대), 홍경수(한국기초과학지원연구원 부산센터)

Ep-III-097

Electrochemical Properties of Nano-scale AlF₃- and Al₂O₃-coated LiFePO₄ Cathode Materials / 하명규, 정의덕(한국기초과학지원연구원 부산센터), 양호순(부산대), 홍경수(한국기초과학지원연구원 부산센터)

Ep-III-098

Vacuum ultraviolet spectroscopy of Eu³⁺-Doped and Un-doped K₂GdZr(PO₄) / 전병천, 교학빈, 시 랑, 김은식, 장경혁, 서효진(부경대)

Ep-III-099

Time-resolved luminescence spectroscopy of Er and Tm-doped calcium niobium gallium garnet crystals / 김은식, 장경혁, 시 랑, 교학빈, 전병천(부경대), TSUBOI Taiju(Faculty of Engineering, Kyoto Sangyo University Kyoto, Japan), SHIMAMURA Kiyoshi(Optronic Materials Center, National Institute for Materials Science, Tsukuba, Japan), 서효진(부경대)

Ep-III-100

VUV-UV Excitation Characteristics of Eu³⁺-doped Gd₂Ca₃B₄O₁₂ / 교학빈, 전병천, 시 랑, 김은식, 장경혁, 서효진(부경대)

Ep-III-101

Ce³⁺ 이온이 첨가된 Y₃Si₃O₁₀(F,OH) 형광체의 레이저 분광학 연구 / 장경혁, SHI Liang(부경대), KHAIDUKOV N.M.(Institute of General and Inorganic Chemistry), 서효진(부경대)

Ep-III-102*

High Resolution Pattern Transfer of sub-10 nm Graphene Structures by Using Electro-hydrodynamic Lithography / 이수옥 (BK21 Physics Research Division, Sungkyunkwan University), 이재종(한국기계연구원), 강대준(BK21 Physics Research Division, Department of Energy Science, Institute of Basic Sciences, SKKU Advanced Institute of Nanotechnology, Sungkyunkwan University)

Ep-III-103*

Development of Highly Sensitive Direct Writable ZnO Electron Beam Resist / SHAHID Muhammad, 장아람(SKKU Advanced Institute of Nanotechnology, Institute of Basic Sciences, Sungkyunkwan University), SHAKIR Imran, 양형우(BK21 Physics Research Division, Institute of Basic Sciences, Sungkyunkwan University), 강대준(BK21 Physics Research Division, Department of Energy Science, SKKU Advanced Institute of Nanotechnology, and Institute of Basic Sciences, Sungkyunkwan University)

Ep-III-104

임베디드 시스템환경에서 실시간 잡음제거를 위한 기초연구 / 염기호, 여영욱, 양성일, 권영현(한양대)

Ep-III-105

일차원의 두 layer로 이루어진 경우의 underdamped Frenkel-Kontorova 동역학 / 하동훈, 박동욱, 권영현(한양대)

Ep-III-106

Spectroscopic characteristics of NaCaPO₄:Mn²⁺ phosphors / SHI Liang, 장경혁, 김은식, QIAO Xue Bin, 전병천, 서효진(부경대)

Ep-III-107

Magnetic Model For A Horse-spleen Ferritin With A Three-phase Core Structure / J. H. Jung, T. W. Eom, J. M. Kim, Y. P. Lee(Quantum Photonic Science Research Center and Department of Physics, Hanyang University, Seoul 133-791, Korea)

Ep-III-108

음(-) 음속의 구현 / 박종진, 이승환, 배찬미(연세대), 박춘만(안양대), 서용문(명지대), 김철구, 이삼현(연세대)

2010년 4월 22일 (목) 15:30 - 17:45

장 소 : 포스터 발표장

Hp-III-001

Estimation of impedance budget in PLS-II / 황지광, 장시원, 조형근, 김혜진, 김은산(경북대)

Hp-III-002

PLS-II 저장링 전자석 및 Insertion Device 현황 / 김동언, 이흥기, 서형석, 정영규, 한홍식, 박기현, 김경렬(포항공과대)

Hp-III-003

Design and Simulation of a 35 GHz 3 kW Spatial Harmonic Magnetron / 김정일, 전석기, 김근주, 한성태(한국전기연구원), A. S. Tishchenko(Institute of Radio Physics and Electronics, Ukraine)

Hp-III-004

Magnetic Field Changes Induced by an Eddy Current on a Vacuum Chamber / 박범식, 조용섭, 김한성, 권혁중(한국원자력연구원 양성자기반공학기술개발사업단)

Hp-III-005

PEFP 1GeV RCS에서의 3차 공명 및 저속 빔 인출 / JANG Si-Won, KIM Eun-San(경북대)

Hp-III-006

Preliminary Low Temperature Test of Prototype SRF Cavity for PEPF / KIM Han-Sung, KWON Hyeok-Jung, CHO Yong-Sub(KAERI, PEPF)

Hp-III-007*

Temporal and spatial measurements of gas-filled capillary discharge plasmas by using the interferometric method / JANG Dong G., SUK Hyyong, KIM Min-Seok, JANG Do G.(Graduate Program of Photonics and Applied Physics, Gwangju Institute of Science and Technology), OH Seong Y.(Advanced Photonics Research Institute, Gwangju Institute of Science and Technology)

Hp-III-008

Commissioning of L-band Intense Electron Accelerator for Irradiation Applications / 김상훈, 양해룡, 장성덕, 박성주, 조무현, 남궁원(포항공과대), 오종석(국가핵융합연구소), 이강욱, 정기형(한국가속기 및 플라스마연구협회)

Hp-III-009

Spectroscopic analysis of helium-filled capillary discharge

plasmas for laser wakefield acceleration experiment / OH Seong Y(Advanced Photonics Research Institute, Gwangju Institute of Science and Technology), UHM Han S.(Department of Molecular Science and Technology, Ajou University), KANG Hoonsoo(Advanced Photonics Research Institute, Gwangju Institute of Science and Technology), KIM Min-Seok, SUK Hyyong(Graduate Program of Photonics and Applied Physics, Gwangju Institute of Science and Technology)

Hp-III-010

Effect of space charge effect and coherence synchrotron radiation at return arc in c-ERL / 황지광, 김은산(경북대)

Hp-III-011

미세회절 실험을 위한 마이크로빔 집속의 자동화 / 길계환, 임 준, 최효진, 임재홍, 황정연(포항공과대)

Hp-III-012

A Field Measurement Systems for the PLS-II Magnet / 박기현, 정영규, 김동언, 이흥기, 한홍식, 서형석, 김경렬(포항가속기연구소)

Hp-III-013

The effects of Higher Order Mode of RF cavity in PLS-II / 황지광, 김혜진, 김은산(경북대)

Hp-III-014

Theoretical Study Of A Millimeter Wave Reflex Klystron Activated By Secondary Electrons / SEOK-GY Jeon, JUNG-IL Kim, SUNG-TAE Han, GEUN-JU Kim(Center for Pioneering Medical-Physics Research (CPMR), Korea Electrotechnology Research Institute (KERI))

Hp-III-015

Modification of the LEBT System of the PEPF 20-MeV Proton Accelerator / KWON Hyeok-Jung, CHO Yong-Sub, KIM Han-Sung, JANG Ji-Ho(KAERI, PEPF)

Hp-III-016

Beam Energy Reliability by the Cooling Water Temperature Control of the PLS / KIM MunGyung(PAL(Pohang Accelerator laboratory))

Hp-III-017*

Measurement of beam size at Pohang Light Source / 류진영, 김은산, 박향규(경북대), 김창범(포항가속기연구소)

Hp-III-018

PLS-II Lambertson Septum Magnet 물리설계 / 서형석, 이흥기, 정영규, 한홍식, 신남수, 김동언(포항가속기연구소)

Hp-III-019

Beam Test of the Low-Q IP BPM (Interaction Point Beam Position Monitor) installed Extraction beam line at ATF2 / 김영임, 허애영, 김은산(경북대), BOOGERT Stewart(RHUL)

Hp-III-020*

PIC simulation study of Capillary discharge for Laser-wakefield electron Accelerator (LWFA) / 신동원, 허민섭(울산과학기술대), 오승용(광주과학기술원 고등광연구소 연구원), 김민석(광주과학기술원 광과학기술제학부 박사과정), 석희용(광주과학기술원 고등광연구소 협력교수)

Hp-III-021

PEFP 100MeV DTL 표면 기체 방출물과 컨덕턴스의 선행적 계산 / 이화련, 김한성, 권혁중, 조용섭(한국원자력연구원)

Hp-III-022

Development of Electronics for Low-Q Beam Position Monitor at ATF2 Interaction Point Region / HEO Aeyoung, KIM Youngim, KIM Eun-San, SON Dongchul(Kyungpook National University, Department of Physics), BOOGERT Stewart Takashi (Royal Holloway, University of London, Department of Physics)

Hp-III-023

Analysis of nonlinear electron orbit using guiding-center variable in a two-frequency wiggler. / KIM Ki-Bum(Cyclotron Research Institute, Kangwon National University), NAM Soon-Kwon(Department of Physics, Kangwon National University)

Hp-III-024

Grating Manipulator의 개발 현황 및 특징 / 김명진, 임규옥, 이채순, 류춘길, 김희섭, 김승남, 김광우(포항 가속기연구소)

Hp-III-025

저장링 및 빔라인 진동 특성 / 김승남, 이채순, 김광우(포항가속기연구소)

Hp-III-026

Beam Position Monitoring Using Button Pick-ups and Log-Ratio BPM Electronics in the PEPF 20 MeV Proton Linac / MIN KYUNGJEAN(Korea Atomic Energy Research Institute), ANN MIN JUNG(Ewha Womans University), HONG JIN SEOK, SEOL

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KYUNG-TAE(Korea Atomic Energy Research Institute), AHN
CHANGRIM(Ewha Womans University), KWON HYEOK-JUNG,
CHO YONG-SUB(Korea Atomic Energy Research Institute)

Hp-III-027

Commissioning of C-band Standing-wave Accelerator for Compact X-ray Source / 양해룡, 김상훈, 장성덕, 박성주(포항공과대), 오종석(국가핵융합연구소), 이강옥, 정기형(한국 가속기 및 플라즈마 연구소), 조무현, 남궁원(포항공과대)

Hp-III-028

Beam Optics Design of Synchrotron and Gantry for Proton Therapy / 장지호, 조용섭, 권혁중(KAERI), 이용영(BNL)

Hp-III-029

Investigation of Stationary Plasma Thruster Discharge by using a Two-Dimensional PIC-MCC Simulation / 송인철, 배효원, 박정후, 이호준(부산대), 선종호(경희대), 최원호(KAIST), 이해준(부산대)

Hp-III-030

고전압 펄스가 인가된 상압 플라즈마 jet의 생의학적 응용을 위한 특성 연구 / 김선자, 조혜민, 정태훈, 배세환(동아대)

Hp-III-031

Direct Synthesis of Cu Nano-particles by Using a Microwave Plasma Torch at Atmospheric Pressure / SHIN Dong Hun, HONG Yongcheol, YOO Seungryul, JEON Hyung-won, LEE Bongju(National Fusion Research Institute (NFRI))

Hp-III-032

DC Pulse 대기압 플라즈마를 이용한 ITO 박막 표면 처리 / 하창승, 허 준, 김동현, 이해준, 이호준, 박정후(부산대)

Hp-III-033

Two-dimensional Fluid Simulation of Air Breakdown for Various Electrode Configurations / 황석원, 배효원, 이호준, 이해준(부산대)

Hp-III-034

High-dose implanted photoresist stripping by atmospheric pressure plasma module / YOO seungryul, LHO Taihyeop, SEOK dongchan, HONG yongcheol, LEE bongju(National Fusion Research Institute)

Hp-III-035*

모세관 구동 전극형 상압 플라즈마 jet의 특성과 유방암 세포의 자 연사 유도 / 조혜민, 김선자, 정태훈, 배세환(동아대)

Hp-III-036*

QMS와 엔탈피 탐침을 이용한 열플라즈마 진단 / 최민식, 이석관, 노승정(단국대), 김동욱, 정기형(한국가속기및플라즈마연구협회, 강원도 철원 269-843)

Hp-III-037

1D PIC simulation on the bump-on-tail instability near threshold / MOK Chinook, RYU Chang-Mo, WOO Minho, RHEE Tongnyeo(POSTECH, Physics)

Hp-III-038

Two-dimensional Linear Stability on the Substorm Onset / MOK Chinook, RYU Chang-Mo(POSTECH, Physics)

Hp-III-039

Obliquely propagating nonlinear double layers in a magnetized plasma / KIM Seung-Shik(Institute of Basic Sciences, Hankuk University of Foreign Studies), KIM Tae-Han(Dept. CRE-Science, WCDN), KIM Ho-Yeun(R &D Business Labs., The Technology Commercialization Center, HYOSUNG CORPORATION)

Hp-III-040

The ion mobility effect on the relativistic Weibel instability / KAANG H. Helen, RYU Chang-mo(POSTECH)

SESSION P3 원자및분자물리학과회 포스터 발표

2010년 4월 22일 (목) 15:30 - 17:45

장 소 : 포스터 발표장

Jp-III-001

Elastic Electron Collisions with CH_3X ($\text{X}=\text{F}, \text{Cl}, \text{Br}, \text{I}$) and Comparisons with the Noble Gases / KATO H, HOSHINO M, TANAKA H(Sophia University), 조 혁(충남대)

Jp-III-002

Dissociative Ionization Studies of CO_2 in Intense Femtosecond Laser Field Using a Velocity Map Imaging Spectrometer / KANG Kyung Sik, RAWAT Prashant, KIM Kyung Seung, LEE Jae-hwan, LUU Tran Trung, NAM Chang Hee(Department of Physics and Coherent X-ray Research Center, KAIST)

Jp-III-003

Photo-ionization cross section of 2D planar Helium using smooth variable discretization log-derivative propagation / LEE Min-Ho, CHOI NarkNyul(금오공과대)

Jp-III-004

이종핵 KRb 분자의 여기 단일항 전자 상태를 이용한 기저준위로 밀도 이전 / 김진태(조선대), 이용훈(목포대)

Jp-III-005

Verification of the Photon Commutation Relation through Cavity QED / 박지용(KAIST), 이수용(TAMUQ), 김호준, 이해웅(KAIST)

Jp-III-006

Optical bistability using quantum coherence in a microwave-driven four-level atomic system / XIAO Zhi-Hong, KIM Kisik(Inha University)

Jp-III-007

다각형 결맞음 상태의 고차원 모멘트 비교전성 / 신성국, 김기식(인하대)

Jp-III-008*

Cavity-QED microlaser with nanostencil : toward microlaser oscillation by coherently prepared atoms / KIM Junki, LEE Moonjoo, AN Kyungwon(Dept. of Physics and Astronomy, SNU)

Jp-III-009

Controlled Single Photon Generation in a Strong-coupled Atom-Cavity System / LIM Sooin, KANG Sungsam, HWANG Myoung Kyu, KIM Wookrae, KIM Jungryul, LEE Jai-Hyung, AN Kyungwon(Seoul National University, Department of Physics and

Astronomy)

Jp-III-010*

Measurement of a photon counting statistics and second order correlation of a mixed light / 이회정, 배인호, 문한섭(부산대)

Jp-III-011

Entanglement Sudden Death in 8-qubit Atom-Cavity Model / 장진호, 권영현(한양대)

Jp-III-012

진폭 변조된 비선형 광자기 효과 신호를 이용한 미세 자기장 측정 장치 / 문한섭, 이현준, 유예진, 배인호(부산대)

Jp-III-013

루비듐-85 D₁ 전이선에서 전자기유도투과 현상을 이용한 광 저장 실험 / 오차환, 김봉준(한양대), 박영호, 강훈수(광주과학기술원, 고등광기술연구소)

Jp-III-014

파라핀이 코팅된 Rb 증기셀에서의 EIA 신호 / 김호중, 이현준, 문한섭(부산대)

Jp-III-015

준위 교차 흡수 현상의 외부자기장 의존성 연구 / 문한섭, 유예진, 이현준, 배인호(부산대)

Jp-III-016

이온 트랩을 위한 고전압 교류 신호 발생 장치 연구 / 박영호(광주과학기술원, 고등광기술연구소), 손병욱(광주과학기술원, 광과학기술학제학부), 오명규(광주과학기술원, 고등광기술연구소), 오차환(한양대), 강훈수(광주과학기술원, 고등광기술연구소)

Jp-III-017*

Modified Pound Drever Hall를 이용한 OEO의 주파수의 안정화와 optical wavelength의 정밀측정 / 김장면, 조동현(고려대)

Jp-III-018*

Yb 원자의 S-P-S cascade 3준위 구조에서의 이광자 전이 연구 / 송민수, 윤태현(고려대)

Jp-III-019

Si MPPC 단일광자 계수기를 이용한 UV 레이저 광의 단일광자 측정 / 윤두성, 윤태현(고려대)

Jp-III-020

Ca-48 전이선으로 주파수 안정화를 위한 544 nm에서 molecular iodine 흡수선 분광연구 / 이경현(한국원자력연구소), 이 립(한국원자력연

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구원), 고광훈, 박현민, 정도영(한국원자력연구원)

Jp-III-021

발표 취소

Jp-III-022

Analytic Solutions of the Optical Bloch Equations for a Two-Level Atom / SEO Min Jeong, NOH Heung-Ryoul(전남대, 물리학과)

Jp-III-023

Towards Bose-Einstein condensates of sodium atomic gases / CHOI Jae-Yoon, LEE Moo-song, HEO Myoung-Sun, SHIN Yong-il(Seoul National University, Physics and Astronomy)

Jp-III-024

Double MOT system using LVIS of 7Li / 김휘동, 조동현(고려대)

Jp-III-025

Observation of Duffing oscillation in optically modulated magneto-optical trap / MOON Geol, KIM Yonghee, KIM Ji Hyoun, HEO Myoung-Sun(서울대), NOH Heung-Ryoul(전남대), JHE Wonho(서울대)

Kp-III-032

Study on temperature dependance photoluminescence, time-resolved photoluminescence and In localization of InGaN/GaN grown by Metal Organic Chemical Vapor Deposition / 안병준, 김호중, 동염근, 김태수, 홍문택, 이진규(공주대), 문영부, 여환국, 최성철, 송재호(Theleds Co., Ltd), 송정훈(공주대)

Kp-III-033*

Growth of InN Nanostructures by Using Hydride Vapor Phase Epitaxy / 정인희, 김진교(경희대)

Kp-III-034*

전해에칭을 이용한 GaN 나노막대 제작 / 이바로, 이정해, 송윤미 (전남대)

Kp-III-035*

Switching of Carbon Nanotube emitters by Field-Effect-Transistor / 배나영, 유제황, 오혜미, 이은혜, 배우미, 하안나, 장 진, 박규창(경희대)

Kp-III-036*

GaNZnO 박막의 전기·전자적 특성 / 김검룡, 최은혜, 손이슬, 김영식 (충북대), 박남석(주성대학, 반도체장비과), 강희재(충북대)

Kp-III-037

서로 다른 전하밀도를 가진 InGaAs 표면에서의 테라헤르츠 광원 발생 / 강 철, 기철식, 이종욱, 유형근(광주과학기술원 고등광기술연구소), 김준오, 이상준, 노삼규(표준연구소)

Kp-III-038*

Aspect Ratio Dependence of GaN Islands on Flow Modulation / 이상화, 김진교(경희대)

Kp-III-039

Correlative Relation between the Transient Absorption in Pump-probe and the Device Performance in InGaN UV Laser Diode / 김창섭, 신동명, 장유동, 이동한, 이기주(충남대), 김치선, 최윤희, 노민수(LG 전자 기술 연구원)

Kp-III-040

반도체 양자점을 이용한 Raman Amplified Semiconductor Optical Amplifier(RASOA) / 백종서, 이종민, 전봉환, 이동한(충남대),

편수현, 정원국(성균관대)

Kp-III-041

실리카볼이 코팅된 기판 위에 GaN 성장 / 양 민, 조동완, 전현수, 이아름, 옥진은, 이강석, 김경화, 안형수, 이삼녕, 장지호(한국해양대)

Kp-III-042

Device Characteristics of Single-junction p-n and Quantum-dot-embedded p-QD-n GaAs Solar Cells / 김성준, 김영호, 노삼규(UST/표준연), 김준오, 이상준, 김창수(표준연), 김종수(영남대), 김진수(전북대)

Kp-III-043*

Hydride vapor phase epitaxy 법에 의한 AlGaIn 계열 SAG-LED의 특성 / 안형수, 이아름, 전현수, 이강석, 옥진은, 조동완, 김경화, 양 민, 이삼녕(한국해양대), 김상묵(한국광기술원), 김석환(안동대), 이재학((주)더리즈), 하홍주((주)CS Solution)

Kp-III-044

Characterization of $\text{In}_{0.5}(\text{Ga}_{1-x}\text{Al}_x)_{0.5}\text{P}/\text{GaAs}$ Double Heterostructures by Surface Photovoltage Spectroscopy / 김정화, 김근형, 조현준, 김종수, 배인호(영남대), 김기홍(대구가톨릭대), 김인수(경운대)

Kp-III-045

Influence Of The Barrier Thickness On The Radiative / 유진아, 김문덕, 노영균(충남대), 오재웅(한양대), 김송강(중부대)

Kp-III-046

Si(111)기판 위 질화과에 의한 $\beta\text{-Si}_3\text{N}_4$ 형성과 AlN박막의 표면 및 전기적 특성 변화 조사 / 이상태, 한서희, 김문덕(충남대), 김영현(한국표준과학연구원(KRIS)), 김송강(중부대), 오재웅(한양대)

Kp-III-047*

a-plane GaN Growth on Patterned r-plane Sapphire Substrates by Using Hydride Vapor Phase Epitaxy / 신동규, 김진교(경희대)

Kp-III-048

GaN polarity 변화에 따른 표면변화 및 전기적 특성조사 / 한서희, 이상태, 김문덕(충남대), 김송강(중부대), 김영현(표준과학연구원 나노소재 측정)

Kp-III-049

MOCVD를 이용하여 성장한 GaN nanowires의 특성 / 양재열, 오병성, 우시관(충남대), 이형규(충북대)

Kp-III-050*

혼합소스 방법을 이용한 CIGS 소스 제조 및 박막 특성 연구 / 안형수,

이강석, 전현수, 이아름, 옥진은, 조동완, 김경화, 양 민, 이삼녕(한국해양대), 조채용(부산대), 김석환(안동대), 하홍주((주)CS Solution)

Kp-III-051*

Fabrication and characterization of moth eye structures formed by a simple masking and etching technique / KO Young-Ho, CHO Yong-Hoon(Department of Physics and Graduate School of Nanoscience & Technology (WCU), Korea Advanced Institute of Science and Technology (KAIST))

Kp-III-052

XRD Analysis of InAs/GaSb Strained-Layer Superlattices-Modulated by Surface Soaking / 김준오, 이상준, 김창수, 노삼규(한국표준과학연구원 나노소재평가센터), 최정우(경희대)

Kp-III-053*

m-plane GaN Grown on Patterned m-plane Sapphire Substrates by Using Hydride Vapor Phase Epitaxy / 서연우, 김진교(경희대)

Kp-III-054*

Enhanced stability of robust CNTs in oxygen environment / 오혜미, 류제황, 배나영, 이은혜, 배우미, 하안나, 장 진, 박규창(경희대)

Kp-III-055

Investigation of radiative and nonradiative recombination rate in polar and non-polar GaN light emitting diode by temperature dependent time-resolved photoluminescence / YANQUN DONG, HO-JONG KIM, BYUNG-JUN AHN, TAE-SOO KIM, MUN-TAEK HONG, JIN-GYU LEE, JUNG-HOON SONG(Department of Physics, Kongju National University), SUNG-MIN HWANG, YONG-GON SE, KWANG-HYUN BAIK(Korea Electronics Technology Institute)

Kp-III-056*

In(0.16)Ga(0.84)N/Al(x)In(y)Ga(1-x-y)N 다층 양자 우물 발광 다이오드에서 Al, In 조성에 따른 polarization의 수치적 연구 / 박병권, 노영균, 김문덕(충남대), 오재웅(한양대)

Kp-III-057*

성장 양식의 변화에 따른 HVPE로 성장한 GaN의 특성 변화에 관한 연구 / 장지호, 조영지, 정미나(한국해양대), 이현재(Tohoku university, Center for Interdisciplinary Research, Sendai), 최성국(한국해양대), TAKAFUMI Yao(Tohoku university, Center for Interdisciplinary Research, Sendai), 이 웅(Advanced Electronic Materials Center, National Institute for Materials Science, Tsukuba)

Kp-III-058*

청자색 레이저 다이오드 구조의 InGaN/GaN 다중양자우물의 광특성 분석 / 신동명, 장유동, 김창섭, 이기주, 이동한(충남대), 김치선, 최윤희, 노민수(LG 전자 기술 연구원)

Kp-III-059*

Fabrication and characteristics of blue light emitting diodes grown on porous GaN templates / KO Suk-Min, BEAK Seol, CHO Yong-Hoon(Department of Physics and Graduate School of Nanoscience & Technology (WCU), Korea Advanced Institute of Science and Technology (KAIST))

Kp-III-060

Characteristics of Low-temperature-grown InGaAs Terahertz Emitter / 박동우(한국표준과학연구원), 김준오, 이상준, 김영찬, 이대수, 노삼규(한국표준과학연구원 산업측정표준본부), 신재현, 박경현(한국전자통신연구원 광무선융합부품연구실), 김진수(전북대)

Kp-III-061*

Photo-Assisted Capacitance-Voltage Characterization Of InGaN/GaN Light-Emitting Diodes / 김태수, 김호종, 안병준, 동염균, 홍문택, 이진규(공주대), 송재호(TheLEDs), 송정훈(공주대)

Kp-III-062*

Formation of GaAs buffer grown on Germanium by the growth condition of GaAs seed layer / 유소영(한국광기술원), 김효진, 김성민(한국광기술원, 광전소자연구센터), 류상완(전남대)

2010년 4월 22일 (목) 15:30 - 17:45

장 소 : 포스터 발표장

Lp-III-001

Numerical study of Boson stars as Dark Matter Halos / LIM Sooil(Department of Physics and Astronomy, SNU)

Lp-III-002*

병진 대칭성을 갖는 4차원 Black Object / 김효훈, 이정재, 이영원(대진대), 강궁원(한국과학기술정보연구원(KISTI)), 김형찬(충주대)

Lp-III-003

Monitoring Variable Compact Objects / KIM Soon-Wook(Korea Astronomy and Space Science Institute)

Lp-III-004

Virtex-5 XC5VLX50 Field Programming Gata Array에서 Triple Modular Redundancy을 적용한 방사선 특성 향상 성능 분석 / 고대호, 심은섭(한국항공우주연구원 우주응용.미래기술센터), 최준민(한국항공우주연구원 사업전략실), 박종오, 이성세, 이승현(한국항공우주연구원 과학위성팀)

Lp-III-005

Jet Ejection near the Outburst Peak in Black Hole Candidate Cyg X-3 / KIM Jeong-Sook(Korea Astronomy and Space Science Insititute, and Kyunghee University), KIM Soon-Wook(Korea Astronomy and Space Science Insititute)

Lp-III-006

실리콘 광증배소자 SIPM의 제작과 테스트 / 이혜영, 박일홍, 이 직, 나고운, 남지우(이화여자대)

Lp-III-007

New type of Transition Radiation Detector with very thin scintillator / 김경숙, 이만우, 김귀년, 김광수(경북대), COMMICHAU Volker, ROSER Ulf, VON GUNTEN Hanspeter, HERRMANN Paul, LUSTERMANN Werner, VIERTEL Gert(ETH Zurich, Labor fuer Hochenergiephysik)

Lp-III-008

Optics and Mechanical Structure of Prototype of Slewing Mirror Telescope For Ultra Fast Flash Observatory / 서정은, 정수민(이화여대 MEMS우주망원경), 이 직(이화여대 기초과학연구소), 박일홍(이화여대 MEMS우주망원경), 남신우, 남지우(이화여대 기초과학연구소), LINDER E. V., SMOOT G. F., GROSSAN B.

(이화여대 초기우주연구센터), 이창환(부산대), 박재형(단국대), 임희진, 남구현(이화여대 초기우주연구센터)

Lp-III-009*

Monte-Carlo-based study of cosmic ray air shower energy estimation for the COREA prototype system / SHIN Jae-ik, KIM Hongki, LEE Seulgi, CHO Wooram, KWON Youngjoon, LIM Sunin, NAM Shinwoo, YANG Jongman(Yonsei University)

SESSION P4**입자물리학과회 포스터 발표**

2010년 4월 23일 (금) 11:00 - 13:15

장 소 : 포스터 발표장

Bp-IV-001

Probing Non-toric Geometry Using Membranes / 김낙우, 김종욱, 김선창, 이정훈(경희대)

Bp-IV-002

Measurement of np elastic scattering @J-PARC KL Beam Line / 백광윤, 이효상(부산대), 임계엽(고에너지가속기연구기구(KEK)), 김용주, 우종관, 고재우(제주대), 김은주(전북대), 안정근(부산대)

Bp-IV-003

Preliminary Studies of $B^+ \rightarrow l^+ \nu$ Decays at Belle / 권영준, 최경산(연세대)

Bp-IV-004

SUSY Search with Di-Muon and Single Electron Events / KIM Zero, SONG Sanghyeon, KIM Jae Yool(Chonnam National University)

Bp-IV-005

Study of Doubly Charged Higgs at CMS through lepton number violating decay $H^{\pm\pm} \rightarrow e^\pm \mu^\pm$ / 고정환, 권은향, 유인태(성균관대)

Bp-IV-006

Update for W' Search in the electron channel using the CMS detector / 장성현, 김지은, 김동희(경북대), MALBERTI Martina(MIB Milano), HOEPFNER Kerstin(RWTH Aachen)

Bp-IV-007

A Look for the First Data in Particle-Flow Event Reconstruction at CMS / SON TaeJin, KIM DongHee, KIM Jieun, OH YoungDo, KONG DaeJung, UOZUMI Satoru, KHAN Adil, CHANG Sunghyun, YANG YuChul(KyungPook National University), KAMON Teruki(Texas A&M University)

Bp-IV-008

Monte Carlo Study on SUSY Trilepton Search at CMS / SANGHYEON Song, ZERO Kim(Chonnam national university)

Bp-IV-009

Study on observable variables for mSUGRA search at CMS experiment / OH Youngdo(Physics department, Kyungpook National University), KAMON Tekuki(Physics department, Kyungpook Na-

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tional University, Texas A&M), KIM Jieun, KONG Daejung, KIM Donghee, UOZUMI Satoru(Physics department, Kyungpook National University)

Bp-IV-010

가속기 충돌 현상론 및 데이터 시뮬레이션 융합연구 / 조기현, 김정현, 남수현(KISTI, 고에너지물리연구팀), 이정일(고려대, 물리학과), 함승우(고등과학원, 물리학부)

Bp-IV-011

Development of Timing Information Search Algorithms and Analysis of Cosmic Muons / NAM Soon-Kwon, HEO Seong-Gu (Kangwon National University, Department of Physics)

Bp-IV-012

방사선 모니터링을 위한 계수형 및 적분형 동시 모드 전자회로 개발 / 김홍주, 황용석(경북대), 김계령, 나세진, 정명환(원자력연구원양성자기반공학기술개발사업단)

Bp-IV-013

GEM 검출기의 분해능 측정 / 김곤우, 추문식, 하성용, 김일곤, 유동선(창원대)

Bp-IV-014

The PWO crystal R&D / 김민정, 소중호, 김홍주(경북대), 김선기, 명성숙(서울대), 원은일, 김경태(고려대), 천병구(한양대)

Bp-IV-015

Search for $W \rightarrow e \nu$ at CDFII / 김지은, 양유철, 김동희, 카몬테루키, 우오즈미 사토르, 오영도, 공대정, 장성현, 칸아딜, 손태진(경북대, 물리 및 에너지)

Bp-IV-016

The installation of new laser for analyzing water-scattering in Super-Kamiokande-IV / 조성훈(전남대), 김수봉(서울대), 김재률(전남대), 최영일(성균관대), 임인택, 장지승(전남대), 양병수(서울대)

Bp-IV-017

RENO Mockup Detector Performance after Magnetic Shielding / 김우영, 사무엘 스테판난, 오영도, 김 안드레이(경북대), 박인곤(경상대), 박명렬(동신대), 안정근, 이효상(부산대), 박강순(서경대), 강보라, 김수봉, 박정식, 신진욱, 이재승, 최선호(서울대), 김동현, 백승록, 유인태, 최영일(성균관대), 강운구, 김영덕, 마경주, 전은주(세종대), 김병찬, 김성현, 김재률, 주경광, 임인택, 장지승, 정인석, 최을임(전남대), 김현수(전북대), N. Danilov, YU Krylov, G. Novikova, E. Yanovich(INR/IPCE)

Bp-IV-018

Test of RENO PMTs / 백승록(성균관대), 김우영, 사무엘 스테파난, 오영도, 김 안드레이(경북대), 박인곤(경상대), 박명렬(동신대), 안정근, 이효상(부산대), 박강순(서경대), 강보라, 김수봉, 박정식, 신진욱, 이재승, 최선호(서울대), 김동현, 유인태, 최영일(성균관대), 강운구, 김영덕, 마경주, 전은주(세종대), 김병찬, 김성현, 김재률, 주경광, 임인택, 장지승, 정인석, 최을임(전남대), 김현수(전북대), N. Danilov, YU Krylov, G. Novikova, E. Yanovich(INR/IPCE)

Bp-IV-019

Energy Containment Studies of CMS ECAL Endcap Calorimeter / KONG Daejung, CHANG SungHyun(Department of Physics, Kyungpook National University), COCKERILL Dave(RAL), LEDOVSKOY Alexander(University of Virginia)

Bp-IV-020*

Jet Performances with skimmed data at 2.36 TeV / KIM Hyunyoung, PARK Inkyu, PARK Chawon, KANG Seokon, PARK Sangnam, CHOI Minkoo, RYU Geonmo(Department of Physics, University of Seoul)

Bp-IV-021*

Limits on the Mean Life Time of Electron / SEONG ilsoo(서울대)

Bp-IV-022*

Scintillator based-Electromagnetic Calorimeter test beam performance at Fermilab meson test beam facility / KHAN adil, KIM DongHee, UOZUMI Satoru, KONG Daejung, OH YoungDo, KIM Jieun(Kyungpook National University, Physics Department), TAKESHITA Tohru, KOTERA Katsushige, TAKAYUKI Sakuma (Shin-Su University), KAWAGOE Kiyotomo(Kobe University), FEEGE Nils, KAPLAN Alexander(DESY)

Bp-IV-023*

Optical Properties of RENO Liquid Scintillator / 박정식, 강보라, 김수봉, 신진욱, 이재승, 최선호(서울대), 김우영, 스테파난 사무엘, 오영도, 김 안드레이(경북대), 박인곤(경상대), 박명렬(동신대), 안정근, 이효상(부산대), 박강순(서경대), 김동현, 백승록, 유인태, 최영일(성균관대), 강운구, 김영덕, 마경주, 전은주(세종대), 김병찬, 김성현, 김재률, 주경광, 임인택, 장지승, 정인석, 최을임(전남대), 김현수(전북대), N Danilov, YU Krylov, G Novikova, E Yanovich(INR/IPCE)

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Bp-IV-024*

Mass Reconstruction of Higgs in Dileptonic W Decays / 전두연,
조영권(성균관대), 최수용(고려대)

Bp-IV-025*

**Preliminary Study of $B \rightarrow Xs \gamma$ Decays with Full
Reconstruction Method at Belle** / 임초룡(연세대)

Bp-IV-026*

Resistivity Analysis of Forward RPC for CMS/LHC Experiment /
JEONG Minsoo(Korea University, Department of Physics)

SESSION P4 응집물질물리학분과회 포스터 발표 : 나노물리

2010년 4월 23일 (금) 11:00 - 13:15

장 소 : 포스터 발표장

Dp-IV-162

Metal-Insulator Transition In Vanadium Dioxide Nanoparticles Studied By Infrared Spectroscopy / LEE Cheol Eui(Department of physics, Korea University), LEE Kyu Won, KIM Jin Soo (Department of physics, Korea University)

Dp-IV-163

High-pressure synthesis of topological insulator Bi_2Se_3 / LEE Hyun-Sook, KI Dong-Keun, NA Se Woong, KIM Jun Sung, LEE Hu-Jong(Department of Physics, POSTECH)

Dp-IV-164

Observation of Thermoelectric Power in Bilayer Graphene / NAM Seung-Geol, KI Dong-Keun, LEE Hu-Jong(Department of Physics, Pohang University of Science and Technology, Pohang, Republic of Korea)

Dp-IV-165*

Luminescence Properties of Silicon Nitride films fabricated by PECVD / JANG Seunghun, KIM Hyunseung, HAN Dongwoo, KO Changhun, HAN Moon-sup(University of Seoul, Department of Physics)

Dp-IV-166

Spin Transport in Graphene-Ferromagnet Contacts / LEE Jong-Hee, LEE Yun-Hi(Korea University, Department of Physics)

Dp-IV-167*

매우 긴 산화아연(ZnO) 나노선과 소자의 특성 연구 / 권봉준, 정희성, 권항명, 안영환, 이순일, 박지용(아주대)

Dp-IV-168*

Synthesis of nitrogen doped carbon nanotubes by growth methodes / KONG So-Jeo(Kyungpook National University, Department of Physics), KIM Chang-Duk(Kyungpook National University, Faculty of Liberal Education), KIM Je-Han(Kyungpook National University, Department of Physics), LEE Eui-Wan(Kyungpook National University, School of Physics and Energy Science), LEE Hyeong-Rag(Kyungpook National University, Department of Physics)

Dp-IV-169*

Electrically Tunable Macroscopic-Quantum-Tunneling Behavior

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in Graphene Josephson Junction / LEE Gil-Ho, CHOI Jae-Hyun, JEONG Dongchan(Department of Physics, Pohang University of Science and Technology), DOH Yong-Joo(Department of Display and Semiconductor Physics, Korea University Sejong Campus), LEE Hu-Jong(Department of Physics, Pohang University of Science and Technology)

Dp-IV-170

A Non-adiabatic charge pump as a new current standard / SEO Minky, OH Youngheon(Pusan National University), KIM Nam(Korea Research Institute of Standards and Science), CHUNG Yun-chul(Pusan National University)

Dp-IV-171*

Half-Metallic Graphene Nanoribbon with a Ferroelectric Polymer / LEE Yea-Lee, KIM Seungchul, PARK Changwon, KIM Youngkuk, CHOI Keunsu, KIM Minsung, IHM Jisoon(Department of Physics and Astronomy, Seoul National University, Seoul 151-747, Korea), SON Young-Woo(School of Computational Sciences, Korea Institute for Advanced Study, Seoul 130-722, Korea)

Dp-IV-172

Investigation of Structural and Electronical Property Change upon Fe Deposition on Vicinal Si(111) Surface / 김효상, 이팽로, 성시진, 정진욱(POSTECH)

Dp-IV-173*

Compact piezoelectric XY-walker on the sample holder of scanning tunneling microscope (STM) / LEE Min Jun, LIM Seong Joon, HWANG BeomYong, SUH Hwansoo, KUK young(서울대)

Dp-IV-174*

Observation of Supercurrent in Pbln/Graphene/Pbln Josephson Junction / JEONG Dongchan(Department of Physics, Pohang University of Science and Technology, Pohang 790-784, Republic of Korea), DOH Yong-Joo(Department of Display and Semiconductor Physics, Korea University Sejong Campus, Jochiwon, Chungnam 339-700, Republic of Korea), CHOI Jae-Hyun(Department of Physics, Pohang University of Science and Technology, Pohang 790-784, Republic of Korea), JO Sanyhung, LEE Hu-Jong(Department of Physics, Pohang University of Science and Technology, Pohang 790-784, Republic of Korea; National Center for Nanomaterials Technology, Pohang 790-784, Republic of Korea)

Dp-IV-175

Orbital-Dependent Quantum Confinement in Si/Ge Nanowire Superlattices / KIM Min-Kook, CHOI Hyoung Joon(Department of Physics and IPAP, Yonsei University)

Dp-IV-176

Polymer-Sensitized Solar Cells Based on TiO₂ Nano-Structure Electrode / PAK Eun Sick, YANG Jee-Eun, BAE Jong-Seong, LEE Byoung-Seob, WON Mi-Sook, KIM Jong-Pil(Surface Properties Research Team, Korea Basic Science Institute Busan Center)

Dp-IV-177*

Growth of Silica Nanowires Catalyzed by Nickel / 이만석, 윤종환(강원대)

Dp-IV-178*

자외선에 의한 산화아연 나노소자의 전기적 특성 변화 연구 / 정희성, 권봉준, 안영환, 이순일, 박지용(아주대)

Dp-IV-179

니켈(111)결정면과 니켈(100)결정면에서 합성된 그래핀의 라만 스펙트럼 분석 / PARK Chong-Yun, JUNG Daesung, JEON Cheolho, SONG Wooseok, JUNG Woo Sung, CHOI Won Chel(성균관대)

Dp-IV-180

Enhanced white emissions and color tuning of Bi³⁺ co-doped GdAlO₃:Dy³⁺ phosphors / 문병기, 정홍채, 박진영, GANJI Seeta Rama Raju, 정중현(부경대)

Dp-IV-181

Electromagnetic properties of partially open carbon nanotubes / KIM Gunn(Kyung Hee University, Department of Physics), HUANG Bing(Tsinghua University, Department of Physics), SON Young-Woo(Korea Institute for Advanced Study), DUAN Wenhui(Tsinghua University, Department of Physics), IHM Jisoon(Seoul National University, Department of Physics and Astronomy)

Dp-IV-182*

First-Principles Study of Electronic Structures and Hydrogen Adsorption Properties of Metal-Exposed Transition-Metal-Tetracarboxylate Paddle Wheels / BAK Ji-Hyun(KAIST, Department of Physics), KIM Yong-Hyun(KAIST, Graduate School of Nanoscience and Technology)

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Dp-IV-183*

Transport properties of graphene-based cross junction / KIM Youngwook(Department of physics, Pohang University of Science and Technology), YUN Hoyoel(Division of Quantum Phases & Devices, School of Physics, Konkuk University), NAM Seung-gul(Department of physics, Pohang University of Science and Technology), LEE Jeong-ah, JUNG Unseok(Division of Quantum Phases & Devices, School of Physics, Konkuk University), KIM Dongchul, SEO Sunae(Samsung Advanced Institute of Technology), LEE Hu-jong(Department of physics, Pohang University of Science and Technology), LEE Sang-wook(Division of Quantum Phases & Devices, School of Physics, Konkuk University), KIM Jun-sung(Department of physics, Pohang University of Science and Technology)

Dp-IV-184*

Thermal Fluctuation Field for Current-induced Domain Wall Motion / KIM Kyoung-Whan, LEE Hyun-Woo(POSTECH, Department of Physics)

Dp-IV-185

Solvothermal synthesis and interior design of TiO₂ spheres with hollow interiors / 문병기, 박진영, 정홍채, GANJI Seeta Rama Raju, 정중현(부경대), 김중환(동의대)

Dp-IV-186

Characteristics of metal oxide and their alloy nanostructure materials by hot wire chemical vapor deposition method / 문광현, 강호진, 권명희(인천대)

Dp-IV-187

니켈(111)결정면과 니켈(100)결정면에서 합성된 그래핀의 라만 스펙트럼 분석 / 박종윤, 정대성, 전철호, 송우석, 김유석, 정우성, 최원철(성균관대)

Dp-IV-188*

The effect of pH level in the precursor solution on the growth of Volmer-Weber type ZnO Nanorods / 박세정, 황윤희, 김형국(부산대)

Dp-IV-189*

주사 광전류 영상법을 이용한 탄소나노튜브 소자의 표면 제타포텐셜 관찰 / 안영환, 박재구, 박지용, 이순일(아주대)

Dp-IV-190*

Nanoparticle alignment and nanoscale stamp manufacture by

atomic force microscopy indentation / SHIN Chaeho, KIM K. J.,
KHIM Z. G., KIM Y. S., SOHN B.-H.(Seoul National University)

Dp-IV-191

High-pressure synthesis of topological insulator Bi_2Se_3 / LEE
Hyun-Sook, KI Dong-Keun, NA Se Woong, KIM Jun Sung, LEE
Hu-Jong(Department of Physics, POSTECH)

Dp-IV-192

**Chiral Strength of Coherent Lattice Vibrations in CoMoCAT
SWNTs near Band-Edge-Excitation** / 한혜선, 한현택, 임용식(건국
대,신소재과학부 나노과학기술), 이기주(충남대,물리학과)

Dp-IV-193

**First-Principles Study of Metal Silicide/ Semiconductor
Nanowire Junctions** / LEE Hyungjun, CHOI Hyoung Joon(De-
partment of Physics and IPAP, Yonsei University, Seoul 120-749,
Korea)

Dp-IV-194*

**Frequency dependent acoustoelectric current through a carbon
nanotube in the regime of Coulomb blockade oscillation** / 김
범규, 김주진(전북대), 서민기, 정윤철(부산대), 김소라, 우병철, 김
진희, 김 남(한국표준과학연구원, 미래융합기술부)

Dp-IV-195*

**First-principles study of electronic and magnetic properties of
zigzag graphene nanoribbons with magnetic adatoms** / KIM
Kyung Yeon, CHOI Hyoung Joon(Department of Physics and IPAP,
Yonsei University.)

Dp-IV-196

**DFT Studies of Negative Curvature Effects on the Vibrational
Spectra of Various Fullerene-Like Structures** / PARK Sora, CHO
Dae Hee, YEO Seung Jun(Department of Physics, Kyung Hee
University), KWON Young-Kyun(Department of Physics and Re-
search Institute for Basic Sciences, Kyung Hee University), AHN
Jeung-Sun(Department of Physics, Kyung Hee University)

Dp-IV-197*

**Multilevel Charge Storage in Double Layered Nickel Silicide
Nanocrystals** / 이만석, 윤종환(강원대)

Dp-IV-198

Raman Scattering Studies of Ultrathin MoS_2 / KIM Jong-
hwan(Yonsei University, Department of Physics), SONG Misun,

NAM Jieun, KIM Christine(Ewha Womans University, Department of Physics), YOON Seokhyun(Ewha Womans University, Department of Physics & Department of Chemistry and Nanosciences)

Dp-IV-199

Macroscopic spin oscillation produced by the sound wave in single-molecule magnets / KIM GWANG-HEE(Dept. of Physics, Sejong Univ.)

Dp-IV-200*

Nanoelectromechanical memory on the bifurcation states / 노현호(서울대), 심승보, 정민경(한국표준과학연구원), 김봉수(한국과학기술원 화학과), 김정구(서울대), 김진희(한국표준과학연구원)

Dp-IV-201

Dispersion of Single-Walled Carbon Nanotubes by 1-Pyrene-Im-Cl in water / JO YoungWoo(Sungkyunkwan University, Department of Physics)

Dp-IV-202*

Anomalous Magnetic Behaviors of Ni Nanoparticles with a hcp-fcc Core-Shell Structure / CHOO Seong-Min, LEE Kyu Joon(Department of Physics, Sogang University), JO Young-hun(Nano Material Research Team, Korea Basic Science Institute), YOON Seon-Mi, CHOI Jae-Young(Samsung Advanced Institute of Technology), KIM Jea-Young, PARK Jea-Hoon(Department of Physics & Pohang Accelerator Laboratory, Pohang University of Science and Technology), LEE Kyung-Jin, LEE Jong-Heun(Department of Materials Science and Engineering, Korea University), JUNG Myung-Hwa(Department of Physics, Sogang University)

Dp-IV-203

The fabrication of clean 1D wire by using metallic gate on a 2DEG in a GaAs/AlGaAs heterostructure. / OH Youngheon, UM Youngje, SEO Minky, CHUNG Yunchul(Pusan National University), KIM Nam(Korea Research Institute of Standards and Science)

Dp-IV-204

The study of luminescence characteristic of Tb³⁺-doped Y₂O₃ nanophosphor / 박종호(진주교육대)

Dp-IV-205*

Optical Phonons in ZnS Nanostructures / 김진홍, 노희석(전북대), 최영진, 박재관(한국과학기술연구원)

Dp-IV-206*

Observation of Coherent G-mode Phonon in Graphene and Graphene Few-layers / 김지희, 이기주(충남대), 정명희, 홍병희(성균관대)

Dp-IV-207*

Fabrication of field effect transistor with separated semiconducting carbon nanotube and chemical n-type doping for CMOS logic circuit / 이영희, 이시영, 김수민, 유우중, 최 연, 이상원(성균관대)

Dp-IV-208*

콜로이드 CdSe 양자점의 광학적 특성 및 양자점에 의한 ZnO 나노선의 전기전도도의 향상 / 오은순, 김태수, 이병우, 김의태, KIRAN KUMAR Ch(충남대)

Dp-IV-209*

Effects Of The Rashba Spin Orbit Coupling On Current Induced Domain Wall Motion / RYU Jisu, LEE Hyun-Woo (Department of Physics, Pohang University of Science and Technology(POSTECH)), LEE Kyung-Jin(Department of Material Science and Engineering, Korea University)

Dp-IV-210*

Measuring Cross-sectional Surface Potential of Quantum-Dot Light-Emitting-Diodes (QD-LED) using Electrostatic Force Microscopy (EFM) / LIM Seong Joon, CHAE Jung Seok, JUNG Hun Huy, JEON Sang Joon(Seoul National University), LEE sang jin, LEE eun kyung, CHOI byung yong(Samsung Advanced Institute of Technology), KUK Young(Seoul National University)

Dp-IV-211*

Various Methods of Synthesizing ZnO nanowire / JUNG UNSEOK, LEE JINKYUNG, KIM HAKSEONG, YUN HOYEOL, LEE SANGWOOK(Division of Quantum Phases & Devices, School of Physics, Konkuk University), CHOI JAEWAN, KIM GYUTAE(School of Electrical engineering, Korea University), CHOI AJEONG, PARK YUNGWOO(Department of Physics and Astronomy, Seoul National University)

Dp-IV-212*

Optical properties of ultrathin NTO / Cu / NTO / glass studied with spectroscopic ellipsometry / 이호석, 장형근, 이호선, 박준우, 박호균, 김한기(경희대)

Dp-IV-213*

Structural and Electronic Properties of Rigid Carbon Nanofoam
/ PARK Sora(Department of Physics, Kyung Hee University),
KITTIMANAPUN Kritsada(Department of Physics and Astronomy,
Michigan State University), AHN Jeung-Sun(Department of Physics,
Kyung Hee University), TOMÁNEK DAVID(Department of Physics
and Astronomy, Michigan State University), KWON Young-Kyun(Department of Physics and Research Institute for Basic Sciences,
Kyung Hee University)

Dp-IV-214*

Boron and oxygen impurities in ferromagnetic Fe and Co and their effects on tunnel magnetoresistance / HAN Jinhee, CHOI Hyoung Joon(Department of Physics and IPAP, Yonsei University)

Dp-IV-215

Synthesis Of Vertically Aligned Carbon Nanotubes By Water-assisted Chemical Vapor Deposition / 박종윤, 장성원, 김유석, 송우석, 정대성, 이승엽, 김성환(나노튜브 및 나노복합구조 연구센터, BK21 물리연구단)

Dp-IV-216*

편광라만분광 이미징을 이용한 그래핀의 가장자리 형태에 대한 연구 / 우승우, 윤두희, 정현식(서강대)

Dp-IV-217

Surface related emission and temperature dependence of exciton lifetime in CdSe QDs / 김상민, 김광석(부산대), 홍경수(한국 기초과학지원연구원 부산센터), 양호순(부산대)

Dp-IV-218*

Localization of electronic states in hydrogenated graphene / BANG Junhyeok, CHANG Kee Joo(Department of Physics, KAIST)

Ep-IV-109*

GaAs 기판에 성장된 MgZnO nanowall network의 미세구조 특성 연구 / 이주호(KAIST 신소재공학과), 김동찬(성균관대), 황수연, 이정용(KAIST 신소재공학과), 조형균(성균관대)

Ep-IV-110*

Magneto-Thermoelectric Power of Few-layer Graphene Film / NAM Young Woo, HONG Sung Ju, KIM Kyung Ho(Seoul National University, Department of Physics and Astronomy), PARK Hye Jin(Max Planck Institute for Solid State Research, Solid State Research), PARK Yung Woo(Seoul National University, Department of Physics and Astronomy)

Ep-IV-111*

그래핀의 두께 균일성 향상 및 투명전도막으로의 응용 / 이병주(강원대), 유한영(한국전자통신연구원), 정구환(강원대)

Ep-IV-112*

열 및 플라즈마 산화처리에 따른 그래핀의 구조 변화 / 이병주, 정구환(강원대)

Ep-IV-113*

나노 전자소자 응용을 위한 SWNT의 수평배향 성장 및 전사 / 김진주, 정구환(강원대)

Ep-IV-114*

고온 산화처리를 통한 금속기판 위 CNT 저온성장 / 김진주, 정구환(강원대)

Ep-IV-115*

CNT기반의 플렉서블 투명전도막의 제조 및 특성 평가 / 신의철, 이병주, 정구환(강원대)

Ep-IV-116

Effect of Annealing on the Hysteresis of Graphite Oxide Thin Film / 김영신, 최동원, 이인열, KANNAN E.S, 김길호(성균관대 전자전기공학과)

Ep-IV-117

Nano-Structured Thin Film Electroluminescent Devices with a nanosize dielectric layer. / 최상현, 문희송(경북대), 이상걸(한국기초과학지원연구원), 이호석, 손상호(경북대)

Ep-IV-118

Electrical Transport of Iodine Doped Graphene / 추승완(서울대),
김동철, 서순애(삼성전자(주)종합기술원), 박영우(서울대)

Ep-IV-119*

Structural, Optical and Electrical Properties of Ion-Implanted ZnO Nanorods / PARK C.-I.(Department of Physics and Institute of Fusion Science, Chonbuk National University, Jeonju 561-756, Korea), JIN Zhenlan(Division of Science Education and Institute of Fusion Science, Chonbuk National University, Jeonju 561-756, Korea), KIM B.-H.(Department of Physics and Institute of Fusion Science, Chonbuk National University, Jeonju 561-756, Korea), KWAK C.-H., SEO S.-Y.(Department of Materials Science and Engineering, Pohang University of Science and Technology, Pohang 790-784, Korea), HAN S.-W.(Division of Science Education and Institute of Fusion Science, Chonbuk National University, Jeonju 561-756, Korea)

Ep-IV-120*

Surfactant Dependence of the G'-band Raman Signatures from Single-Walled Carbon Nanotubes / PARK June, SEONG Maeng-Je(Chung-Ang University)

Ep-IV-121*

Synthesis of Graphene using Dispersion of Graphite in Aqueous Surfactant Solutions / SIM Yumin, PARK June, SEONG Maeng-Je(Chung-Ang University)

Ep-IV-122

Synthesis, photoluminescence properties of Eu^{3+} -doped $\text{Na}_3\text{Gd}(\text{VO}_4)_2$ rod phosphors / 양현경, 문병기, 최병준, 정중현(부경대), 김중환(동의대)

Ep-IV-123*

Synthesis, luminescence properties of Eu^{3+} -doped LiYO_2 nanophosphors by solvothermal method / 정종원, 정중현(부경대), 장기완, 이호섭(창원대), 이성수(신라대)

Ep-IV-124*

Photoluminescence characteristics of Sm^{3+} ions doped LaInO_3 phosphors by solvothermal method / FARZANA Siddique, 문병기, 정중현(부경대)

Ep-IV-125*

Effect of conductivity enhanced hybrid organic photovoltaic devices insulating Au nanocrystals into P3HT : PCBM / KU

Keun-Lim, KIM Dal-Ho, KIM Ji-Heon, WANG Zhen Yi, PARK Jea-Gun(Advanced semiconductor material device &development center, Hanyang University)

Ep-IV-126*

Facile Synthesis and Charge Storage Characteristic in MIS Capacitor with Copper Vanadate Nanowires / SHAHID Muhammad(SKKU Advanced Institute of Nanotechnology, Sungkyunkwan University), IMRAN Shakir(BK21 Physics Research Division, and Institute of Basic Sciences, Sungkyunkwan University), 강대준(BK21 Physics Research Division, Department of Energy Science, SKKU Advanced Institute of Nanotechnology, and Institute of Basic Sciences, Sungkyunkwan University)

Ep-IV-127*

CuO Nanowire Growth on ITO from a Novel Seed Layer and Electrochemical Route / RHEN Danielle(BK21 Physics Research Division, and Institute of Basic Sciences, Sungkyunkwan University), 강대준(BK21 Physics Research Division, Department of Energy Science, SKKU Advanced Institute of Nanotechnology, and Institute of Basic Sciences, Sungkyunkwan University)

Ep-IV-128*

Hydrothermal Synthesis of ZnO Nanowires Assisted By Long-chain Polymer / NGOC HV(SKKU Advanced Institute of Nanotechnology and Institute of Basic Sciences, Sungkyunkwan University), 강대준(BK21 Physics Research Division, Department of Energy Science, SKKU Advanced Institute of Nanotechnology, and Institute of Basic Sciences, Sungkyunkwan University)

Ep-IV-129

Nanocrystalline TiO₂ for the Dye-Sensitized Solar Cell Application / BAE Jong-Seong, KIM Jong-Pil, YOON Jang Hee, LEE Byung Sub, WON Mi Sook(Busan Center, Korea Basic Science Institute), OH Won Tae(Department of NanoEngineering, Electronic Ceramic Center, Dong-Eui University)

Ep-IV-130

Electrical and Optical Behavior of the Nitrocellulose and Multiwalled Nanotubes (MWCNTs) Composite on the 10 μ m Polyimide Film for a Transparent Flexible Electrode / JANG Kyung Uk(Dept. of Electrical Engineering, Kyungwon University)

Ep-IV-131

Non-volatile memory device using ferroelectric polymer nanodot

and carbon nanotube / 신영한(울산대), 손종역, 류상우, 장현명(포항공과대)

Ep-IV-132*

Patterning of single wall carbon nanotubes transparent conducting films / 이은혜, 유제황, 손병택, 배나영, 오혜미, 하안나, 배우미, 장 진, 박규창(경희대)

Ep-IV-133

Room Temperature Ethanol Sensing Properties of ZnO Nanowires / MOHAN Rajneesh(Department of Mechatronics, Jeju National University, Jeju, 690-756, Korea), KIM S.J.(Department of Mechatronics and Research Institute of Advanced Technology, Jeju National University, Jeju, 690-756, Korea)

Ep-IV-134*

Structural Property of Vertically-aligned ZnO Nanorod Growth on ZnO and Ti Buffer Layers / KIM B.-H., PARK C.-I.(Department of Physics and Institute of Fusion Science, Jeonbuk National University, Jeonju 561-756, Korea), KWAK C.-H., SEO S.-Y., KIM S.-H.(Department of Materials Science and Engineering, Pohang University of Science and Technology, Pohang 790-784, Korea), HAN S.-W.(Division of Science Education, Institute of Fusion Science, and Institute of Science Education, Jeonbuk National University, Jeonju 561-756, Korea)

Ep-IV-135

Study on the photo-polymerized C₆₀ cluster by using ultrasonic nebulizer unit / YEO Seung Jun, CHO Dae Hee, PODE Ramchandra, AHN Jeung Sun(Department of physics, Kyunghee University)

Ep-IV-136

Comprehensive Studies On The Magnetic Properties Of Cobalt anti-dot Micropatterned Arrays / N. G. Deshpande, M. S. Seo, G. H. Kim, J. M. Kim, S. J. Lee, Y. P. Lee(Quantum Photonic Science Research Center and Department of Physics, Hanyang University, Korea), J. Y. Rhee(Department of Physics, Sungkyunkwan University, Korea), K. W. Kim(Department of Physics, Sunmoon University, Asan, Korea)

Ep-IV-137*

In-situ study of the surface segregation effect on PdRh alloys using ambient pressure x-ray photoelectron spectroscopy / PARK Mita, MUN Bongjin(Hanyang University, Department of Applied Physics), AKSOY Funda, GRASS Michael, LIU Zhi

(Advanced Light Source, Lawrence Berkeley National Laboratory)

Ep-IV-138

분무열분해법으로 성장된 BaTiO₃ 박막의 구조와 광학적 특성 / 서동주, 오상미, 김고은, 박정복, 이소리(조선대), 김진호(경상대)

Ep-IV-139

성장조건에 따른 Cu-Pc thin film의 UV-visible spectra 특성 연구 / 강상백, 김현숙, 채영안, 윤창선(군산대), 김미정((주)리뉴-에너지), 김진태(한국표준과학연구원), 차덕준(군산대)

Ep-IV-140*

Optical and electrical properties of aluminum doped zinc oxide thin films deposited by rf-magnetron sputtering / KIM E, JO W(Department of Physics, Ewha Womans University, Seoul 120-750, Korea), KIM J.S., KIM W.M.(Electronic Materials Center, Korea Institute of Science and Technology)

Ep-IV-141

Microscopic Observation of Barrier Lowering by Trapped Charges at the Metal-Organic Interface / KIM Chaeho, JEON D.(Seoul National University, Department of Physics Education)

Ep-IV-142

IBS로 증착시킨 산화물 박막의 증착조건 변화 및 annealing 처리에 따른 특성변화 / 유병윤, 빈석민, 김창수(한국표준과학연구원), 오병성(충남대)

Ep-IV-143

연속압입 접촉 분석을 통한 W-C-N 확산방지막 물성 연구 / 김수인(국민대), 이찬빈(상명대사범대학부속여고), 이창우(국민대)

Ep-IV-144

전처리방법에 따른 산화물 박막의 XRR특성 분석 / 빈석민, 유병윤(충남대), 김창수(한국표준과학연구원), 오병성(충남대)

Ep-IV-145

Dielectric breakdown near the contact between metal and dielectric / 정문성, 구자훈, 금관필(울산대)

Ep-IV-146*

Ferroelectric and Magnetic Properties of Mn-doped BiFeO₃ Thin films / LEE Myang Hwan, PARK Jin Su, CHO Hyung Jun, KIM Da Jeong, SUNG Yeon Soo, KIM Myong Ho, SONG Tae Kwon(School of Nano & Advanced Mat. Eng., Changwon Nat'l Univ), CHO Jong Ho(Research Institute of Basic Sciences, Changwon Nat'l Univ), KIM Won Jung, DO Dal hyun, CHOI Hae

In, KIM Sang Su(Department of Physics, Changwon Nat'l Univ)

Ep-IV-147*

Ferroelectric and Piezoelectric Properties of the (1-x) BiFeO₃-xLiNbO₃ Ceramics / CHO Hyung Jun, LEE Myang Hwan, PARK Jin Su, KIM Da Jeong, SUNG Yeon Soo, KIM Myong Ho, SONG Tae Kwon(School of Nano & Advanced Mat. Eng., Changwon Nat'l Univ), CHO Jong Ho, CHOI Byung Chun(Department of Physics, Pukyong National Univ., Busan), DO Dal hyun, KIM Sang Su(Department of Physics, Changwon Nat'l Univ)

Ep-IV-148

Thickness dependence electrical property for the bismuth ferrite thin film / CHOI Hae In, KIM Won Jung, KIM Jin Won, DO Dal Hyun, KIM Sang Su(Department of Physics, Changwon National University), LEE Myung Hwan, PARK Jin Su, KIM Da Jeong, SONG Tae Kwon(School of Nano & Advanced Materials Engineering, Changwon National University)

Ep-IV-149

승화하는 fullerene(C₆₀)에 전자빔의 조사를 통한 플러렌 중합체 형성 / 조대회, 여승준, 안정선(경희대)

Ep-IV-150

Cat-CVD법을 이용한 증착된 PTFE(polytetrafluoroethylene) 박막의 초소수성 특성에 관한 연구 / 차정옥, 조정연, 정명조, 안정선(경희대)

Ep-IV-151

Effect of Middle Metal Material on Polymer Nonvolatile Memory-Cell / LIM Jae-Sung, LEE Jong-Dae, SEUNG Hyun-Min, KWON Kyoung-Cheol, LEE Jung-Nam, PARK Jae-Gun(Electronics Computer Engineering, Hanyang University)

Ep-IV-152

Configurations of Water adsorption on Si(100) Obtained by STM images / TRAN Thi Tham, SON Lee Seul, OH Suhk Kun, KANG Hee Jae(충북대)

2010년 4월 23일 (금) 11:00 - 13:15

장 소 : 포스터 발표장

Hp-IV-041

Detail relation of negative ion density with positive ion mass and sheath parameters / KIM HYERAN, CHUNG KYU-SUN, WOO HYUN-JONG(Department of Electrical Engineering Hanyang University)

Hp-IV-042*

Continuous flow 법을 적용한 수소 누설거동실험장치 제작 및 실험 / 이석관, 이두형, 이주호, 최민식, 변재덕, 김희수, 노승정(단국대)

Hp-IV-043

입자 조사에 따른 플라스마 대면물질 내 열특성의 전산모사 Simulations of Thermal Characteristics by Particle Irradiation in Plasma Faced Components / 오주희, 이보영, 고승국(울산대), 이희석(포항공대 포항가속기연구소)

Hp-IV-044*

토카막 플라스마에서 발생하는 티끌입자 진단에 적용하기 위한 비구형 입자 광산란 선행 연구 / 채길병, 최원호(카이스트, 물리학과)

Hp-IV-045

Magnetic Diagnostics for the Second Experimental Campaign in KSTAR Tokamak / 이상곤, 박준교, 가은미(국가핵융합연구소)

Hp-IV-046

Structural Analysis of the KSTAR In-vessel Cryo-pump / LEE Hyun-Jung, PARK Y. M., CHANG Y. B., KIM J. H., LEE D. K., YANG H. L.(National Fusion Research Institute)

Hp-IV-047

ECH-assisted pre-ionization and startup using second harmonic 110 GHz EC wave on KSTAR / 박승일(포항공과대), 정 미, 한원순, 김종수(국가핵융합연구소), 도희진(포항공과대), 김재현, 배영순, 양형렬(국가핵융합연구소), 조무현, 남궁 원(포항공과대)

Hp-IV-048

Diamagnetic Loop Measurements in the KSTAR Machine / 박준교, 이상곤, 가은미(국가핵융합연구소)

Hp-IV-049*

KSTAR 다체널 연 X-선 진단계 설치 및 운전 결과 / 이승현(KAIST, 물리학과), 고원하, 서동철, 이종하(국가핵융합연구소), 최원호(KAIST, 물리학과)

Hp-IV-050

Characteristics of an ECR hydrogen plasma produced by X-wave launching / LEE KYU-DONG, CHUNG JINIL, SEO DONGCHEOL, NAM YONG UN(National Fusion Research Institute), CHOI MYEONGCHEOL(Korea Basic Science Institute)

Hp-IV-051*

Analysis of Magnetic Field Topology Perturbed by RMP using IVCC in KSTAR / YOO Min-Gu, KIM Doohyun, NA Yong-Su(Seoul National University, Department of Nuclear Engineering)

Hp-IV-052

Development of Ohmic H-mode Scenarios at KSTAR / NA Dong Hyeon(Department of Nuclear Engineering, Seoul National University), KIM Hyun Seok(Department of Energy System Engineering, Seoul National University), KIM Ki Min(Center for Advanced Research in Fusion Reactor Engineering), NA Yong Su(Department of Nuclear Engineering, Seoul National University)

Hp-IV-053

Development of charge exchange spectroscopy system for ion temperature and rotation velocity measurement in KSTAR / KO Won-Ha, LEE Hyungho, SEO Dongcheol, SEO Seong-Heon, OH Seungtae, KIM Yong-Seon, KWON Myeun (National Fusion Research Institute)

Hp-IV-054

Collective Optics Design for KSTAR Thomson Scattering system / 오승태, 이종하(NFRI)

Hp-IV-055*

Present Development Status of KSTAR 5 GHz, 1 MW LHCD System / 도희진, 박승일(포항공과대), 배영순, 양형렬(국가핵융합연구소), 조무현, 남궁원(포항공과대)

Hp-IV-056

Overview Of Thomson Scattering System In KSTAR Tokamak / LEE Jongha, OH Seungtae, WI Hanmin(국가핵융합연구소(NFRI))

Hp-IV-057

Calibration of Line-Integrated Electron Density with Estimated Plasma Position from TV Image / NAM yongun, CHUNG jinil, JEON youngmu(NFRI)

Hp-IV-058

핵융합로 플라즈마 대면부품 열부하 실험을 위한 전자빔 조사장치 개

넙설계 / 김희수, 이석관, 이두형, 최민식, 노승정(단국대), 권진중, 박준규, 이철의(고려대)

Hp-IV-059

Status of KSTAR ECH/CD System / 정 미, 배영순(국가핵융합연구소), 박승일(포항공과대), 한원순, 김종수, 양형렬(국가핵융합연구소), 도희진, 남궁 원, 조무현, 박현거(포항공과대)

Hp-IV-060

KSTAR 초전도 전류전송계 Paschen Test / 박영민, 곽상우, 이현정, 장용복, 송낙형, 박현택, 우인식, 임현태, 양형렬(국가핵융합연구소)

Hp-IV-061

Enhanced radial transport from the anisotropic turbulent spectrum / 서장훈, 장충석(KAIST, 물리학과)

Hp-IV-062

Design of the Infrared TV System for KSTAR / 서동철, 오승태(국가핵융합연구소)

Hp-IV-063

KSTAR 170 GHz ECCD 제어 시스템 설계 / 김종수(국가핵융합연구소), 정 미, 한원순, 조 옥, 배영순, 양형렬

Hp-IV-064

The Effect of the Bake out for RAPID / 서동철, 정진일, 이규동, 남용운, 이종하, 고원하, 김용선(국가핵융합연구소), 최명철(한국기초과학지원연구원)

Hp-IV-065

KSATR 중성입자빔 가열장치 제작 현황 / 한원순, 박현택, 김종수, 장용복, 곽상우, 조 옥, 배영순, 박영민, 양형렬(국가핵융합연구소), 이상렬, 이광원, 장대식, 오병훈, 장두희, 진정태(한국원자력연구원)

Hp-IV-066*

Startup Preparation for Versatile Experimental Spherical Tokamak(VEST) at SNU / LEE Hyunyeong, SUNG Choongki, KANG Jisung, HWANG Yongseok(Department of Nuclear Engineering, SNU)

Hp-IV-067

Edge Stability Analysis for Hybrid Operation Scenario in KSTAR / HAN Hyunsun, KIM Doohyun, NA Yong-Su, HONG Sang Hee(Department of Nuclear Engineering, Seoul National University), KWON Ohjin(Department of Physics, Daegu University)

Hp-IV-068

Sawtooth Oscillation and High Frequency Mode observed in

KSTAR Experiment / 우민호(포항공과대)

Hp-IV-069

Design of KSTAR Divertor Thomson Scattering System On RAPID Device / WI Hanmin, LEE Jongha, OH Seungtae(NFRI)

Hp-IV-070

KSTAR 톨슨 산란 시스템의 Polychromator Calibartion을 위한 광원 개발 / WI Hanmin, LEE Jongha, OH Seungtae(NFRI)

Hp-IV-071

Pre-ionization & plasma start-up by 84 GHz second harmonic EC wave for KSTAR first plasma / JEONG J. H., PARK S. I., CHO M. H., NAMKUNG W.(POSTECH), BAE Y. S.(Y. S.)

Hp-IV-072*

Anode-layer 타입 홀 추력기 설계 및 제작 / 서미희, 이종섭, 최원호 (KAIST 물리학과), 선종호(경희대)

Hp-IV-073

Ar 및 Ar-O₂ 유도결합 플라즈마의 광 방출 분광 분석 / 이혜란, 조혜민, 이영욱, 정태훈(동아대)

Hp-IV-074

ZnO박막의 RF-sputtering / LEE Bong-Ju(조선대)

Hp-IV-075

Formation of Underwater Plasma Using a Capillary Discharge and Its Application to Nanomaterial Synthesis / HONG Yongcheol, LEE Bongju(National Fusion Research Institute), KANG Wonseok(Ajou University), YOO Seungryul(National Fusion Research Institute), UHM Han Sup(Kwangwoon University)

Hp-IV-076

태양전지 효율향상을 위한 플라즈마 Texturing 공정 연구 / 김지훈, 천세민, 좌상범, 이현주(제주대)

Hp-IV-077*

반통형 홀 추력기의 자기장 세기에 따른 특성 분석 / 이종섭, 서미희, 강성민, 최원호(KAIST 물리학과), 선종호(경희대)

Hp-IV-078

플렉서블 디스플레이용 실리콘 혼합 가스차단막을 갖는 투명 전도막의 특성 / 정찬수, 장지원, 배 강, 손선영, 김종재(대구가톨릭대), 홍재석 ((주)CTC), 김화민(대구가톨릭대)

Hp-IV-079

저주파 유도결합 플라즈마에서의 보조 전력에 의한 효과 연구 / 윤인창,

방진영, 정진욱(한양대)

Hp-IV-080*

Characteristic of a pressurized spark gap for repetitive switching / NAM Jong Woo(Hankuk Academy of Foreign Studies), RAHAMAN Hasibur, NAM Sang Hoon(Pohang Accelerator Laboratory), FRANK Klaus(Universität Erlangen-Nürnberg)

Hp-IV-081

In₂O₃와 Ga₂O₃를 혼합한 ZnO의 박막의 전열처리 온도에 따른 특성분석 / 김미선, 김동영, 배 강, 서성보, 김봉석, 홍우표, 김화민(대구가톨릭대)

Hp-IV-082*

Low Temperature Growth of GaN films on GaN Templates Assisted by Hyperthermal Neutral Beams / 김성봉(포항공과대), 구동진, 김대철, 유석재(국가핵융합연구소), 조무현, 남궁원(포항공과대)

Hp-IV-083

Study on Plasma Ion Implantation Treatment of Polyimide Film / 박병재, 김지현, 조무현, 남궁원(포항공과대), 김상중, 유효열(다원시스)

Hp-IV-084*

Phillips-Tikhonov 토모그래피 방법을 이용한 공정 플라즈마 이미징 진단 연구 / 장시원, 이승현, 최원호(KAIST, 물리학과)

Hp-IV-085

N₂ - Ar 유도 결합 플라즈마의 Pressure에 따른 특성 연구 / 이영욱, 조혜민, 이혜란, 정태훈(동아대)

SESSION P4

반도체물리학분과회 포스터 발표: 원소 및 IV-IV 화합물반도체/혼정 및 기타반도체

2010년 4월 23일 (금) 11:00 - 13:15

장 소 : 포스터 발표장

Kp-IV-063*

Optical properties and resistance switching of Nickel Oxide thin films. / JANG Hyung keun, PARK JunWoo, LIM Hyung chae, LEE Ho seon(경희대)

Kp-IV-064

제일원리 방법에 의한 Alpha Quartz SiO₂/Si(001) 계면의 전자구조와 유전특성 계산 / 박용진, 공기정, 장현주(한국화학연구원 나노바이오 융합연구센터), 신민철(한국과학기술원 전기및전자공학과)

Kp-IV-065*

열처리 온도 및 분위기 변화에 따른 다공질 실리콘의 특성 연구 / 임재영, 최현영, 김민수, 김군식, 조민영, 전수민, 임광국(인제대), 이동률(삼성엘이디주식회사 Epi-manufacturing Technology), 김진수(전북대), 김종수(영남대), 손정식(경운대), 이주인(한국표준과학연구원 첨단산업측정그룹)

Kp-IV-066*

The thermal stability and Interface reaction of the hafnium silicate layer on the SiGe according to the N₂ and NH₃ annealing. / KIM Young Sik(chungbuk national university, physics), CHO Yyoung Jun, MOON Dae Won(Korea Research Institute of Standards and Science), KANG Hee Jae(chungbuk national university, physics)

Kp-IV-067

TANOS 플래시 메모리의 전하수송과 프로그램 동작 메커니즘 / 김동훈, 유주형, 김태환(한양대)

Kp-IV-068*

Influences of electrical stress on transport and charge distribution in TiO₂ single crystals / 김해리, 김동욱(이화여자대)

Kp-IV-069

Surface Morphologies of Ge islands Grown on Si(001) by using molecular Beam Epitaxy / 주미연, 오소영, 김진교(경희대)

Kp-IV-070

HVPE 방법을 이용한 GaN nanochestnut의 성장 메커니즘 / 이삼녕, 신민정, 문진영, 권혜용, 최윤정, 안형수(한국해양대), 하동한(한국표준과학연구원 전략기술부), 허 윤(포항산업과학연구원 분석평가본부)

Kp-IV-071*

상온에서 이온빔 스퍼터링을 이용해 제작한 $\text{SiO}_2/\text{SiO}_x/\text{SiO}_2$ MOS구조의 비휘발성 메모리 효과 / 임근용, 김민철, 홍승휘, 박재희, 최석호 (경희대 응용물리학과), 김경중(한국표준과학연구원 나노소재측정센터)

Kp-IV-072

Plasma Enhanced Atomic Layer Deposited Ir Thin Film for Novel Diffusion Barrier Layer in Cu Interconnection / 임용환, 유하나, 송상인, 이종호, 최범호(한국생산기술연구원 광주나노기술집적센터)

Kp-IV-073*

Optical properties and carrier dynamics in GaN quantum dots and dashes grown by molecular beam epitaxy / CHO Yong-Hoon, KIM Jehyung, KWON Bong-Joon(1Department of Physics and Graduate School of Nanoscience & Technology (WCU)), HUAULT T, LEROUX M, BRAULT J(2Centre National de la Recherche Scientifique, Centre de Recherche sur)

Kp-IV-074*

Optical properties of tetrapod ZnO nanowires grown on Si substrate by vapor-phase transport method / CHO Yong-Hoon, GONG Suhyun, KWON Bong-Joon, KIM Jehyung(Department of Physics and Graduate School of Nanoscience & Technology (WCU) Korea Advanced Institute of Science and Technology (KAIST), Daejeon 305-701, KOREA), DONG Hongxing, CHEN Zhanghai (Surface Physics Laboratory, Department of Physics, Fudan University, Shanghai 200433, China)

Kp-IV-075

Ge 나노결정이 포함된 SiO 와 SiON 박막의 화학적 상태 분석 및 메모리 특성 연구 / 한동우, 장승훈, 김현승, 고창훈, 한문섭(서울시립대)

Kp-IV-076*

가치가 있는 에피텍시 Ge 나노선의 성장조절 / 김정혁, 정재훈, 윤현식, 문소라, 김유리, 송만석, 김 용(동아대), GAO Qing, CHEN-NUPETI Jagadish(The Australian National University), CHEN Zhi Gang, ZOU Jin(The University of Queensland)

Kp-IV-077

Effective Oxidation Methods in Improving Surface Roughness to Form Relaxed SiGe Layer-on-insulator Substrate / KIM Tae-Hyun, KIM Seong-Je, SHIM Tae-Hun, LEE Gon-Sub, PARK Jea-Gun(Advanced Semiconductor Material and Device Development Center, Hanyang University)

P4

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Kp-IV-078

Structural and optical properties of $Zn_{1-x}Co_xO$ thin films synthesized by rf-magnetron sputtering / SOO-YOUNG SEO, CHANG-HA KWAK, SEON-HYO KIM(POSTECH), SUN-HONG PARK(Research Institute of Industrial Science & Technology), BYUNG-HYUK KIM, CHANG-IN PARK, SANG-WOOK HAN (Chonbuk National University)

Kp-IV-079*

전계 차단층을 삽입한 charge trap flash 메모리 소자의 셀 사이의 간섭 감소 / 장상현(나노반도체), 유주형, 김현우, 김태환(전자통신컴퓨터)

Kp-IV-080

CdS 단결정의 광학적 특성 / 최성휴(조선대), 방태환(성화대학, 항공전기전자과)

Kp-IV-081

RF-스퍼터링으로 성장된 $NiTiO$ 산화막의 저항 변화 형상 연구 / 장병욱, INAMDAR A. I., 송재훈, 전기영, 김영삼, 임현식, 정 웅, 김형상(동국대)

Kp-IV-082*

Phase change characteristics and phase separation of $InGeSbTe$ films / 박성진, 장문형, 박승중, 조만호, 고대홍(연세대)

Kp-IV-083

Optical Characterization of $Cu_2ZnSnSe_4$ grown by thermal co-evaporation / 박도영, 남다현, 정현식(서강대), 정성훈, 안세진, 광지혜, 윤재호, 윤경훈(한국에너지기술연구원 태양광연구단)

Kp-IV-084

Large Area Organic Photovoltaic Modules and Modules-Array / 한운수, 류홍근, 심준형(대구경북과학기술원 나노바이오)

Kp-IV-085

22 nm 패턴 형성을 위한 최적의 EUVL Mask 구조 연구 / 김은진, 유지혜, 김보배, 김의중, 최창호, 류강현, 박승욱, 오혜근(한양대)

Kp-IV-086

High-performance thin-film transistor with a $HfInZnO$ channel layer / SON Dae-Ho, KIM Dae-Hwan(DGIST), KIM Jung-Hye (Keimyung University), SUNG Shi-Joon, JUNG Eun-Ae, KANG Jin-Kyu(DGIST)

Kp-IV-087

Binding energy study from photocurrent signal in $AgGaSe_2$ single crystal thin film grown by hot wall epitax / HONG

Kwangjioon, KIM Hyaejeong(Department of Physics, Chosun University)

Kp-IV-088*

The Role of SPS (Bis-(3-sulfopropyl)-disulfide, disodium salt) in Cu Plating / LEE Youn-Seoung, RHA Sa-Kyun, KANG Sung-Kyu, JU Hyn-Jin, LEE Yong-Hyuk, CHOI Eun-Hye(한밭대)

Kp-IV-089

ArF PLD 기법을 사용한 가스센서용 WO₃ 박막 제작 연구 / 오철민, 배가람, 남다영, 김진영, 강준희(인천대)

Kp-IV-090

Improved endurance in Al-AlO_x multilayered resistance switching structure / 송재훈, AKBAR I.Inamdar, 전기영, 김영삼, 임 현식, 정 웅, 김형상(동국대)

Kp-IV-091

LiNbO₃:Fe단결정의 광학적 특성 / 최성휴(조선대), 방태환(성화대학, 항공전기전자과)

Kp-IV-092

The phase change speed and mechanism of oxygen-incorporated GeSbTe films / 장문형, 박승중, 임동혁, 박성진, 조만호, 고대홍(연세대)

Kp-IV-093

Photoluminescence properties for the ZnIn₂S₄ thin film post annealed in the Zn,In, and S ambient / LEE Sangyoul, HONG Kwangjioon(Department of Physics, Chosun University)

Kp-IV-094

An analysis of temperature-dependent photoluminescence - spectra in photoconductive ZnSe layers / HONG Kwangjioon (Department of Physics, Chosun University)

Kp-IV-095

ZnS단결정의 광학적 특성 / 최성휴(조선대), 방태환(성화대학, 항공전기전자과)

Kp-IV-096

전자빔에 조사된 Rubrene 광학적 특성변화 / 이혁무, 조성오(KAIST)

Kp-IV-097*

SiO_x 박막 위에 형성된 수직 정렬 다중벽 탄소나노튜브의 구조적 특성 연구 / 신동희, 김창오, 홍승휘, 최석호(경희대 응용물리학과)

Kp-IV-098*

SnO₂ 나노 입자가 분산된 Poly(methyl methacrylate) 박막 층을 사

용하여 제작한 유기 쌍안정성 소자의 전기적 성질과 전하 수송 메커니즘 / 박진구, 윤동열, 정재훈, 이대욱, 손동익, 김태환(한양대)

Kp-IV-099

Zinc nitrate 농도 변화가 ZnO 나노 구조체의 미세구조와 광학적 성질에 미치는 영향 / 양희연(정보디스플레이공학과), 박경훈, 이대욱, 김태환(전자통신컴퓨터공학과)

Kp-IV-100*

Internal Photoemission Studies of Resistive Switching Pt/SrTiO₃ Junctions / LEE Eunsongyi, GWON Minji, KIM Dong-Wook(Ewha Womans University, Department of Physics)

Kp-IV-101

Binding energy study from photocurrentsignal in CdIn₂S₄ thin film / YOU Sangha, HONG Kwangjoon(Department of Physics, Chosun University)

Kp-IV-102

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조규일	EF-05(초), Ep-II-046	조원국	Fp-II-029
조기현	Bp-IV-010	조유진	Kp-II-019
조나현	Dp-I-059	조윤호	Cp-III-042
조남규	Dp-II-087, Dp-II-091	조은아	Dp-I-030
조남수	Ip-I-046	조은정	LG-09
조대희	Ep-IV-149	조은진	Ip-I-053
		조일묵	Ep-III-088
		조재흥	Ip-I-014

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 조정연 Ep-IV-150
 조준식 KG-09(초)
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 조채용 Kp-III-050
 조혁 Jp-III-001
 조현준 Kp-III-044
 조현태 Dp-I-001
 조형균 Ep-IV-109
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 Hp-IV-073, Hp-IV-085
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 조희석 LS-04
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 Bp-IV-017, Bp-IV-023
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 주은아 Cp-III-003, Cp-III-025,
 Cp-III-033
 주진수 Ep-I-005
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 주진우 KG-01(초)
 지성진 Ip-I-065
 진선미 KG-04
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 차문용 Fp-II-032
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 차용호 Ip-I-073
 차정옥 Ep-IV-150
 차혁진 Ip-I-049

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 채영안 Ep-IV-139
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 최성휴 Kp-IV-080, Kp-IV-091,

최수용 Kp-IV-095
 최연 Bp-IV-024
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Chang Kai	AS-07(초)	CHO J. H.	Dp-II-080
CHANG Kee Joo	DG-13	CHO J. Y.	HP-08(초)
	Dp-IV-218	CHO JIN WOO	Ep-III-090
CHANG Seo Hyoung	Ep-II-069	CHO Jong Ho	Ep-IV-147
CHANG SungHyun	Bp-IV-019	CHO Jong Ho	Ep-IV-146
CHANG Sunghyun	Bp-IV-007	CHO K. H.	BG-10
CHANG T. F.	HP-05(초)	CHO M. H.	Hp-IV-071
CHANG Y. B.	Hp-IV-046	CHO S. I.	Dp-I-051
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CHANGWOOK SON	CG-16	CHO Sungwoo	Dp-II-100
CHAR Kooklin	PC-15(초)	CHO Wooram	Lp-III-009
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CHEN H.	PC-11(초)	CHO Yong Chan	Dp-III-143
CHEN Szu-yuan	HP-09(초)	CHO Yongchan	Dp-I-022
CHEN X.H.	PC-11(초)	CHO Yong-Hoon	Kp-IV-073
CHEN Xi	AS-10(초)	CHO Yong-Hoon	Kp-IV-074
CHEN Yeqing	Ep-III-080	CHO Yong-Hoon	Kp-III-051
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CHEN Zhigang	Kp-II-017	CHO YONG-SUB	Hp-III-026
CHENG C. Z.	HP-05(초)	CHO Young-Tae	Kp-IV-109
CHENNUPETI Jagadish		CHO Young-Wook	Ip-I-006
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CHEONG Hyeonsik	Dp-II-100	CHOE Woo-Seok	Ep-I-023
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CHEONG Kuan Yew	KI-10(초)	CHOI Bum Ho	Kp-II-021
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Cho B. K.	AS-09(초)	CHOI Choon-Gi	Ip-I-038
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CHOI HAK-SOON	Kp-IV-120	CHOI YOUNG JIN	Ep-III-090
CHOI Heon-Jin	Kp-IV-106	CHONG Yonuk	PC-06(초)
CHOI Hong Chul	Dp-II-101	CHOO Seong-Min	Dp-IV-202
CHOI Hyoung Joon	Dp-I-058	CHOON-GI Choi	Ip-I-032
	Dp-I-062	CHOU Ming-Chang	HP-09(초)
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CHOI Jae-Hyun	Dp-IV-174	CHUNG Jinseok	Dp-II-081
CHOI JAEWAN	Dp-IV-211	CHUNG Jin-Seok	Dp-II-107
CHOI Jaewu	DG-20	CHUNG KYU-SUN	Hp-IV-041
	EG-08	CHUNG Yong-Chae	Dp-I-024
CHOI Jae-Yoon	Jp-III-023	CHUNG Yong-Duck	Kp-IV-103
CHOI Jae-Young	Dp-IV-202	CHUNG Yunchul	Dp-IV-170
	EG-10		Dp-IV-203
	Kp-II-020	COCKERILL Dave	Bp-IV-019
CHOI Jin Sik	Dp-II-114	COLIN Claire V.	Dp-II-093
CHOI K. S.	BG-10	COMMICHAU Volker	Lp-III-007
CHOI K.-Y.	PC-05(초)	D. Williams	CG-04
CHOI Keunsu	Dp-IV-171		Cp-III-020
CHOI K-Y	PC-12(초)	D. F. Wang	Ep-I-031
CHOI Kyujin	Dp-II-120	D. J LEE	Dp-II-084
CHOI KyungEon	CG-03	D.P Barry	CG-04
CHOI Minkoo	Bp-IV-020		Cp-III-020
CHOI MYEONGCHEOL		DAVID Adrian	Dp-II-069
	Hp-IV-050	DHO Hoseog	Cp-III-001
CHOI NarkNyul	Jp-III-003		Cp-III-007
CHOI S. K.	BG-10	DHO Hoseog	CG-09
CHOI Soo Bong	DG-15	DHO Joonghoe	Kp-IV-119
CHOI Sungmin	Ep-I-021	DHO Joonghoe	Dp-I-007
CHOI Won Chel	Dp-IV-179	DIENY Bernard	PB-04(초)
CHOI Wonchul	Cp-III-014	DO Dal hyun	Ep-IV-146
CHOI Wonjun	Ip-I-074		Ep-IV-147
CHOI Woo Seok	Dp-II-069	DO Dal Hyun	Ep-IV-148
CHOI Woo Seok	DG-04	DOH Yong-Joo	Dp-I-048
CHOI Woosik	Fp-II-025	DOH Yong-Joo	Dp-IV-169

DOH Yong-Joo	Dp-IV-174	GAO Qing	Kp-II-002
Doh Yong-Joo	AS-03(초)		Kp-II-017
DOH Yong-Joo	DG-06		Kp-IV-076
	KG-12(초)	GARCIA I TORMO Xavier	BG-03(초)
	PC-14(초)		LG-13
DONG Hongxing	Kp-IV-074	GARIPOV G	Hp-III-014
DUAN Wenhui	Dp-IV-181	GEUN-JU Kim	Dp-I-056
E Yanovich	Bp-IV-023	GHIM Jin Soo	Fp-II-005
E. Yanovich	BG-01(초)	GO Ara	Dp-III-148
	BG-15	GOH Jung Suk	PA-02(초)
	BG-16	GOH Jung Suk	CG-12
	BG-26	GOLASHVILI Tengis	LG-04
	BG-27	GONDOLO Paolo	Kp-IV-074
	Bp-IV-017	GONG Suhyun	KG-03
	Bp-IV-018	GOTO Takenari	Ep-IV-137
EGUCHI Toyoaki	DG-09	GRASS Michael	Lp-III-008
EOM Chang Beom	Dp-II-107	GROSSAN B.	LG-12
EOM J.	PB-06(초)	GROSSAN B.	Dp-II-097
EOM Manjin	Dp-I-064	GUBKIN Andrey	Cp-III-035
EOM MANJIN	Dp-I-063	GUL Rooh	DG-08
EOM Sung Ho	Cp-III-041	GUN-DO Lee	LG-06
EREMIN I	PC-12(초)	GWAK Bogeun	Kp-IV-100
EUIJOON Yoon	DG-08	GWON Minji	Ep-III-082
EVGENIY Milman	Cp-III-001	H. Zheng	Ep-III-079
EVGENIY milman	Cp-III-007	H. J. Kim	Cp-III-026
EVGENIY milman	CG-09	H. O. Kim	Cp-III-026
Fang Zhong	AS-08(초)	HA H. C.	BG-10
FARZANA Siddique	Ep-IV-124	HA Hong-Soo	Dp-I-043
FEEGE Nils	Bp-IV-022	HA Hyuncheong	BG-08
FENG D.L.	Dp-II-103	HA J.M.	KI-06(초)
FRANK Klaus	Hp-IV-080	HA Jang Ho	Cp-III-041
FREED Jack	DG-19(초)	HA Jeonghoon	DG-09
FREEMAN ARTHUR J.	DG-12(초)	HA Meesoon	F-01(초),
	KG-03		FG-09
FUJII Katsushi	Cp-III-019	HA Na Young	EG-02
FUJIOKA H.	EF-03(초)	HA Ryong	Kp-IV-106
FUKUDA Nobuko	Dp-I-010	HA Taewoo	Dp-II-099
FURDYNA J.K.	Bp-IV-023	HAHN Insik	Cp-III-034
G Novikova	BG-01(초)	HAI P. N.	Kp-II-026
G. Novikova	BG-15	HAM Yong Ju	Dp-IV-165
	BG-16	HAN Dongwoo	Dp-II-089
	BG-26	HAN G. R.	Dp-II-103
	BG-27	HAN G.R.	Hp-IV-067
	Bp-IV-017	HAN Hyunsun	Dp-II-110
	Bp-IV-018	HAN Jin Kyu	Dp-IV-214
G. H. Kim	Ep-IV-136	HAN Jinhee	FG-17
GANJI Seeta Rama Raju	Dp-IV-180	HAN Kookyoung	Dp-IV-165
	Dp-IV-185	HAN Moonsup	PB-06(초)
GAO Ligang	FG-06	HAN S. H.	Ep-IV-119
		HAN S.-W.	

HAN S.-W.	Ep-IV-134	HONG yongcheol	Hp-III-034
HAN Sang-Pil	KF-07(초)	HONG Yongcheol	Hp-IV-075
HAN Yeseul	Ip-I-023	HONG Yongcheol	Hp-III-031
HAN Young-Soo	Ep-I-021	HOSHINO M	Jp-III-001
HANDS Simon	BG-04	HOSSAIN M. B.	Dp-I-009
HANJO LIM	Dp-II-104	HU Zi-xiang	DF-04(초)
HARDER Ross	Ep-I-025	HUANG Bing	Dp-IV-181
HARRELL Lee	DG-19(초)	HUAULT T	Kp-IV-073
HASEGAEWA Shuji	PA-05(초)	HUH Ji-Haeng	LG-04
HASEGAWA Yukio	DG-09	Hur N.	AS-09(초)
HAU Lin-Ni	HP-07(초)	HUR nam jung	Dp-II-127
HEO Aeyoung	Hp-III-022	HUR Namjung	Dp-I-014
HEO jinseong	Dp-III-155	HUR Namjung	Dp-I-037
HEO Myoung-Sun	Jp-III-025	HWANG BeomYong	Dp-IV-173
HEO Myoung-Sun	Jp-III-023	HWANG Beomyong	DG-09
HEO Seong-Gu	Bp-IV-011	HWANG Jihwan	Dp-II-081
HEO Sung Hwan	Ep-II-066		Dp-II-100
HERRMANN Paul	Lp-III-007	HWANG Kyung Hoon	Dp-III-136
HICKMAN Steven	DG-19(초)	HWANG Kyung Hoon	Ep-I-019
HIRAHARA Toru	PA-05(초)	HWANG Kyusung	Dp-II-073
HOEPFNER Kerstin	Bp-IV-006	HWANG Myoung Kyu	Jp-III-009
HO-JONG KIM	Kp-III-055	HWANG Tae-Jong	EG-04
HONG Byung-Hee	DG-07	HWANG wonsang	GG-05
HONG Duk-Geun	Cp-III-009	HWANG Yongseok	Hp-IV-066
HONG Hyunsuk	FG-10	HYEONG-CHAN Kim	LG-03
HONG JIN SEOK	Hp-III-026	HYUN H. J.	BG-10
HONG Jinki	PB-08(초)	HYUN June Won	Dp-III-154
HONG Jisang(홍지상)	Dp-I-017	HYUNG Jung-Hwan	DG-11
HONG Keun Ho	IG-03	I Lin	HP-02(초)
HONG Kimin	Kp-IV-102	IHM Jisoon	Dp-IV-171
HONG Kwangjoon	Kp-IV-087	IHM Jisoon	Dp-IV-181
	Kp-IV-093	IM Seongil	Kp-IV-106
	Kp-IV-094	IM Seongil	Dp-II-099
	Kp-IV-101	IM Seongil	Ep-II-059
	Kp-IV-110	IMRAN Shakir	Ep-IV-126
HONG Kwangjoon	Kp-IV-105	IMRAN Shakir	Ep-I-010
HONG Sang Hee	Hp-IV-067	INAMDAR A. I.	Kp-IV-081
HONG Seok-Cheol	Fp-II-016	IN-KWON YOO	CG-16
HONG Seokjin	Gp-II-001	INOUE Masayoshi	Dp-I-043
HONG Seung-Woo	Cp-III-024	ISMAIL Agustina	Dp-I-039
HONG Seung-Woo	Cp-III-010	ISNAENI Isnaeni	Kp-II-023
	Cp-III-011	ISOBE Masahiko	Dp-II-093
	Cp-III-022	J. H. Jung	Ep-III-107
	Cp-III-034	J. H. Kang	Ep-I-030
HONG Soon Cheol	Dp-I-015	J. M. Kim	Ep-IV-136
	Dp-I-040	J. M. Kim	Ep-III-107
HONG Suklyun	DG-16	J. M. Kim	Ep-I-031
HONG Sung Ju	Ep-IV-110	J. M. Kim	Ep-I-030
HONG Taeyoon	Dp-I-014,	J. S. Park	Ep-I-031
	PC-04(초)	J. W PARK	Dp-II-084
HONG Won Seon	Dp-III-137	J. W. Park	Ep-III-078

J. W. Park	Ep-III-077	JEONG A. R.	Dp-II-112
J. Y Rhee	Ep-III-079	JEONG A. R.	Dp-II-125
J. Y. Rhee	Ep-IV-136	JEONG A.R.	Ep-I-007
J. Y. Rhee	Ep-III-077	JEONG Da Woon	Dp-II-069
	Ep-III-078	JEONG Da Woon	DG-04
J. Y. So	Cp-III-026	JEONG Dongchan	AS-03(초)
JAE-WEON Lee	LG-03		Dp-IV-169
JAGADISH Chennupeti		JEONG Dongchan	Dp-IV-174
	Kp-II-017	JEONG Hawoong	FG-14
JAIN Kavita	FG-02(초)	JEONG Heejun	Kp-IV-103
JANG Chang-Hyun	Ep-I-023	JEONG Hokyun	Dp-II-082
JANG Do G.	Hp-III-007	JEONG Hyun	DG-15
JANG Dong G.	Hp-III-007	JEONG II-KYO	Kp-IV-120
JANG Hoon-Sik	EG-06	JEONG J. H.	Hp-IV-071
JANG Hyun Myung	Dp-II-128	JEONG Jinwon	PA-06(초)
JANG Hyung keun	Kp-IV-063	JEONG Jung Hyun	Ip-I-033
JANG Ji-Ho	Hp-III-015	JEONG Jung-Hyun	Ip-I-031
JANG Kiwan	Ip-I-031,		Ip-I-052
	Ip-I-033,	JEONG Junho	Ip-I-033
	Ip-I-037,	JEONG Minsoo	Bp-IV-026
	Ip-I-052	JEONG Mun Seok	DG-15
JANG Kyung Uk	Ep-IV-130	JEONG Nak Cheon	Ep-I-025
JANG Seung Yup	Dp-II-107	JEONG Se-Young	Dp-I-035
JANG Seung Yup	DG-04	JEONG Se-Young	Dp-II-120
JANG Seunghun	Dp-IV-165	JEONG Se-Young	Kp-II-031
JANG Si-Won	Hp-III-005	JEONG Se-Young	Dp-III-143
JANG Tae-Hwan	Dp-I-021	JEONG Se-young	Dp-I-022
JANG Z. H.	Dp-I-006	JEONG Soon Moon	EG-02
JANULEWICZ Karol	Ip-I-047	JEONG Sukmin	Dp-III-139
JAYASIMHADRI M.	Ip-I-057	JEONG Yoon-Hee	Dp-I-021
JAYASIMHADRI M.	Ip-I-031	JHANG Won-Seok	JG-01(초)
	Ip-I-052	JHE Wonho	Jp-III-025
JEE Chan Soo	GG-07	JI HYE MIN	Ep-III-090
JE-GEUN Park	Cp-III-026	JIANG hua	Cp-III-035
JEON B. G.	DG-05	JIANG Lixian	PB-05(초)
JEON Cheolho	Dp-IV-179	JIANG, T.F.	JG-04
JEON D.	Ep-IV-141	JIHYE SONG	CG-16
JEON Dae-Young	Dp-III-136	JIN hosub	Dp-II-082
JEON Dae-Young	Ep-I-019	JIN Zhenlan	Ep-IV-119
JEON Gun Sang	Fp-II-005	JIN-GYU LEE	Kp-III-055
JEON Hyung-won	Hp-III-031	JO Euna	Dp-I-028
JEON insu	Dp-III-155	JO Hang-Hyun	FG-09
JEON Junjin	Dp-III-161	JO Sanyhung	Dp-IV-174
JEON Min Yong	KF-07(초)	JO W	Ep-IV-140
JEON S.J.	KI-06(초)	JO W.	Dp-II-112
JEON Sang Joon	Dp-IV-210	JO W.	Dp-II-125
JEON Sang June	Ep-II-051	JO William	Ep-II-043
JEON Sang Koo	EG-06	JO William	Dp-I-004
JEON YoungMu	HP-10(초)	JO William	Dp-I-043
JEON youngmu	Hp-IV-057	JO William	Ep-I-007
JEONG A. R.	Ep-II-043	JO Younghun	Dp-IV-202

JO YoungWoo	Dp-IV-201	KANG CHI JUNG	Ep-III-090
JO Younjung	PC-11(초)	KANG Hee Jae	Ep-IV-152
JOHNSON Jay	HP-06(초)	KANG Hee Jae	Kp-IV-066
JOO Koan Sik	Ep-II-051	KANG Hoju	Dp-III-140
JOO Min Kyu	Ep-II-044	KANG Hoonsoo	Hp-III-009
JOO Min-Kyu	Dp-III-136	KANG Hoonsoo	Ip-I-076
JOO S.	PB-08(초)	KANG J. H.	BG-10
JU Heongkyu	IG-04	KANG J.-H.	Ep-I-035
JU Honglyoul	Ep-II-042	KANG Ji-Hun	Ip-I-051
	Kp-IV-113	KANG Ji-Hun	Ip-I-011
JU Hyn-Jin	Kp-IV-088	KANG Jin-Kyu	Kp-IV-086
JUNG Daesung	Dp-IV-179	KANG Jisung	Hp-IV-066
JUNG Dong-Won	BG-07	KANG Kyung Sik	Jp-III-002
JUNG Eun-Ae	Kp-IV-086	KANG Pil Soo	Ep-II-045
JUNG Ho Sang	PC-05(초)	KANG Pilsoo	Ep-II-044
JUNG Ho Sang	Dp-I-051	KANG Sehun	Ip-I-029
JUNG Hong Yul	Dp-III-134	KANG Seokon	Bp-IV-020
JUNG Hun Huy	Dp-IV-210	KANG Seoung-Hun	Ep-I-029
JUNG jong hun	Dp-II-127	KANG Shin-Won	Ep-II-074
JUNG JOONGHYUN	Kp-II-003	KANG Sung-Kyu	Kp-IV-088
JUNG Ju-Yong	Ep-I-028	KANG Sungsam	Jp-III-009
JUNG Myung Hwa	Dp-I-056	KANG W. N.	PC-05(초)
JUNG Myung-Hee	DG-07	KANG Wonseok	Hp-IV-075
JUNG Myung-Hwa	Dp-IV-202	KANG Y.R	Cp-III-020
JUNG Seok Hyun	Ip-I-071	KANG Yeong-Rok	CG-04
JUNG UNSEOK	Dp-IV-211	KANNAN E.S	Ep-IV-116
JUNG Unseok	Dp-IV-183	KAPLAN Alexander	
JUNG W. S.	Dp-II-089		Bp-IV-022
Jung W. S.	AS-09(초)	KATO H	Jp-III-001
JUNG W.S.	Dp-II-103	KAWAGOE Kiyotomo	Bp-IV-022
JUNG Woo Sung	Dp-IV-179	KHAIDUKOV N.M.	Ep-III-101
JUNG-HOON SONG	Kp-III-055	KHAN Adil	Bp-IV-007
JUNG-IL Kim	Hp-III-014	KHAN Adil	BG-17
JUNGJAI Lee	LG-03	KHAN adil	Bp-IV-022
JUNGYU YI	CG-16	KHIM Seunghyun	DG-05
K. Belay	Kp-II-028	KHIM Z. G.	Dp-IV-190
K. hayashi	Dp-I-016	KHIM Zheong Gou	Dp-III-155
K. J YEE	Dp-II-084	KHRENOV B	LG-13
K. W. Kim	Ep-IV-136	KI Dong-Keun	Dp-IV-164
KAANG H. Helen	Hp-III-040	KI Dong-Keun	Dp-IV-163
KADI Yacine	Cp-III-024		Dp-IV-191
	Cp-III-039	KI Sanghoon	Kp-IV-119
KAH D. H.	BG-10	KI Sanghoon	Dp-I-007
KAHNG B.	FG-17	KIM andery	CG-09
KAI-MING Ho	DG-08	KIM Andrey	Cp-III-001
KAMON Tekuki	Bp-IV-009	KIM B. Y.	Dp-II-089
KAMON Teruki	Bp-IV-007	KIM B.-H.	Ep-IV-119
KAN D.	DG-05	KIM B.-H.	Ep-IV-134
KANG Bo Soo	Ep-II-069	KIM Beop-Min	EF-07(초)
KANG Boyoung	EG-04	KIM Bong-jun	DG-03(초)
KANG Byeongki	Dp-I-022	KIM Bongsoo	Ip-I-074

KIM Byeonghoon Ep-I-023
 KIM Byung Wook IG-07
 KIM Byunghoon Ep-I-017
 KIM C. Dp-II-089
 KIM C. Dp-II-103
 Kim C. AS-09(초)
 KIM C. K. EG-01
 KIM Chaeho Ep-IV-141
 KIM Chang-Duk Dp-IV-168
 KIM ChangHyun KI-10(초)
 KIM Changsoo Dp-I-028
 KIM ChinMo Dp-I-019
 KIM Choong Hyun Dp-II-082
 KIM Christine Dp-IV-198
 KIM Chul Dp-II-089
 KIM Chul Dp-II-103
 KIM Chul AS-09(초)
 KIM Chul Sung Dp-III-134
 KIM ChulSung Dp-I-019
 KIM D.H. EG-04
 KIM Da Jeong Ep-IV-146
 Ep-IV-147
 KIM Da Jeong Ep-IV-148
 KIM Dae Ho Fp-II-011
 KIM Dae-Hwan Kp-IV-086
 KIM Daeyoung DG-20
 KIM Dai-Sik Ip-I-011
 KIM Dai-Sik Ip-I-051
 KIM Dal-Ho Ep-IV-125
 KIM Deuk Young KG-14
 KIM Do-Eok Ep-II-074
 KIM Dongchul Dp-IV-183
 KIM Dong-Eon Ep-I-028
 KIM Dongeon Ip-I-064
 KIM DongHee Bp-IV-007
 KIM DongHee BG-17
 KIM DongHee Bp-IV-022
 KIM Donghee Bp-IV-009
 KIM Dong-Joo DG-11
 KIM Dong-Wook Kp-IV-100
 KIM Dongyoo Dp-I-017
 KIM Doohyun Hp-IV-067
 KIM Doohyun Hp-IV-051
 KIM Doseok Dp-III-131
 KIM Dou-Kyun Dp-II-098
 KIM Doyoon Cp-III-022
 KIM E Ep-IV-140
 KIM E.S. EG-04
 KIM Eun Sik Ep-II-042
 KIM Eunchan Cp-III-005
 KIM Eun-Hwa HP-06(초)

KIM Eunhye FG-08
 KIM Eun-San Hp-III-005
 KIM Eun-San Hp-III-022
 KIM G C Dp-I-050
 KIM G.N Cp-III-020
 KIM G.N. BG-12
 KIM Ga-Young Dp-I-052
 KIM Gil-Sung DG-11
 KIM Gracia Dp-I-043
 KIM Guinyun CG-04
 KIM Guinyun Cp-III-005
 KIM Gunn DG-16
 Dp-IV-181
 KIM GWANG-HEE Dp-IV-199
 KIM Gyu Tae Ep-II-045
 KIM Gyu Tae Ep-II-044
 KIM GYUTAE Dp-IV-211
 KIM Gyu-Tae Dp-III-136
 KIM Gyu-Tae Ep-I-019
 KIM H. O. BG-10
 KIM H. S. Dp-I-031
 KIM H. S. Dp-I-003
 KIM H.-D. Dp-II-070
 Dp-II-101
 KIM H.-H. Dp-II-118
 KIM H.J Cp-III-020
 KIM HAKSEONG Dp-IV-211
 KIM Han Soo Cp-III-041
 KIM Hanchul Dp-I-024
 KIM Han-Sung Hp-III-006
 Hp-III-015
 KIM Hee II LG-05
 KIM Hee Soo Dp-III-154
 KIM Heungsik Dp-II-082
 KIM Hongjoo Cp-III-036
 KIM Hongki Lp-III-009
 KIM Hongseok Fp-II-026
 KIM Ho-Yeun Hp-III-039
 KIM Hyeajeong Kp-IV-087
 KIM Hyeong Joon Ep-III-092
 KIM Hyeong Joon KI-10(초)
 KIM Hyeong-Do PA-06(초)
 KIM HYERAN Hp-IV-041
 KIM Hyojung Dp-I-034
 KIM Hyun Jin Ep-II-066
 KIM Hyun Seok Hp-IV-052
 KIM Hyunbyuk Gp-II-001
 KIM Hyunduk Cp-III-036
 KIM Hyung Do LG-04
 KIM Hyung Joon Dp-II-068
 KIM Hyung Joon Ep-III-092

KIM Hyunjung	Ep-I-025	KIM Joung-Ki	Ep-I-032
KIM Hyunjung	Ep-I-018	KIM Jun Oh	KF-07(초)
KIM Hyunseung	Dp-IV-165	KIM Jun Sung	Dp-IV-163
KIM Hyun-tak	DG-03(초)		Dp-IV-191
KIM Hyunyong	Bp-IV-020	KIM Jun Sung	Dp-I-064
KIM I Jong	HP-12(초)	KIM Jungho	KG-05
KIM Ingyu	Dp-II-093	KIM Jung-Hye	Kp-IV-086
KIM J.	Ep-I-035	KIM JungHyun	BG-06
KIM J. H.	BG-10	KIM Jungryul	Jp-III-009
KIM J. H.	Hp-IV-046	KIM Jungtaek	Dp-I-010
KIM J.M.	KI-06(초)	KIM Junki	Jp-III-008
KIM J.S.	Ep-IV-140	KIM Jun-sung	Dp-IV-183
KIM J.Y.	HP-01(초)	KIM K. J.	Dp-IV-190
KIM J.-Y.	Dp-II-101	KIM Kee Hoon	Dp-II-068
KIM J.-Y.	Dp-II-070	KIM Kee Hoon	Ep-III-092
KIM Jae H.	Dp-II-120	KIM Kee Hoon	Dp-II-093
KIM Jae Hoon	Dp-I-014	KIM Kee Hoon	DG-05
	PC-04(초)	KIM Kee Hoon	Dp-II-097
KIM Jae Hoon	Dp-II-099	KIM Ki Hong	Ep-I-032
KIM Jae Wook	Ep-III-092	KIM Ki Kang	DG-15
KIM Jae Wook	DG-05	KIM Ki Min	Hp-IV-052
KIM Jae Yool	Bp-IV-004	KIM Ki-Bum	Hp-III-023
KIM Jaesu	DG-15	KIM Ki-Bum	Cp-III-009
KIM Jaeup	FG-03(초)	KIM Kihong	HP-06(초)
KIM Je Han	Ep-II-073	KIM Kisik	Jp-III-006
KIM Jea-Young	Dp-IV-202	KIM Kwangsoo	Cp-III-005
KIM Jeha	Kp-IV-103	KIM Kyoo	Dp-II-070
KIM Je-Han	Dp-IV-168	KIM Kyoungdae	Gp-II-001
KIM Jehyung	Kp-IV-073	KIM Kyoung-Whan	Dp-IV-184
KIM Jehyung	Kp-IV-074	KIM kyoungyee	LG-07
KIM Jeong-Sook	Lp-III-005	KIM Kyung Ho	Ep-III-093
KIM Ji Hyoun	Jp-III-025		Ep-IV-110
KIM Ji Hyun	BG-28	KIM Kyung Seung	Jp-III-002
KIM Jieun	Bp-IV-007	KIM Kyung Sik	Cp-III-016
KIM Jieun	BG-17	KIM Kyung Yeon	Dp-IV-195
KIM Jieun	Bp-IV-022	KIM Kyungmin	LS-05
KIM Jieun	Bp-IV-009	KIM Kyungsook	Cp-III-005
KIM Jieun	LG-11	KIM M.	Cp-III-019
KIM Ji-Hee	DG-07	KIM M. J.	BG-10
KIM Ji-Heon	Ep-IV-125	KIM M. S.	Dp-I-051
KIM Ji-Hoon	Dp-III-149	KIM Mac	Dp-II-126
KIM Jin Min	Fp-II-011	KIM Mac	Dp-II-129
KIM Jin Soo	Dp-I-003	KIM Maengsuk	Dp-II-108
KIM Jin Soo	Dp-IV-162	KIM M-H.	Dp-II-080
KIM Jin Won	Ep-IV-148	KIM Min Gyu	Dp-II-128
KIM Jinwoo	Ep-I-018	KIM Mina	Fp-II-002
KIM Jonghwan	Dp-IV-198	KIM Min-Kook	Dp-IV-175
KIM Jong-Hyun	Ep-II-053	KIM Min-Seok	Hp-III-007
KIM Jong-Man	Dp-I-052		Hp-III-009
KIM Jong-Pil	Ep-IV-129	KIM Minseong	PA-07(초)
KIM Jong-Pil	Dp-IV-176	KIM Minsung	Dp-IV-171

KIM Minwoo	Cp-III-027	KIM Su-Jae	Kp-II-031
KIM MIYOUNG	DG-12(초)	KIM Sung Baek	Dp-II-070
KIM Moon Sub	GG-07	KIM Sung Hyun	BG-28
KIM Moon-Ki	Ep-I-024	KIM Sung-Jin	Dp-I-035
KIM MunGyung	Hp-III-016	KIM Sunji	Cp-III-019
KIM Myong Ho	Ep-IV-146	KIM T.	PB-08(초)
	Ep-IV-147	KIM T. H.	Dp-II-118
KIM Myoung-June	Ip-I-002	KIM Tae Hee	Dp-III-141
KIM Nam	Dp-IV-170	KIM Tae Heon	Dp-II-107
	Dp-IV-203	KIM Tae Heon	DG-04
KIM Nam Kyun	KI-10(초)	KIM Tae Hoon	IG-03
KIM Namje	KF-07(초)	KIM Tae Hoon	IG-07
KIM Pan-Jun	FG-14	KIM Tae Hyun	Dp-II-106
KIM S. K.	BG-10	KIM Tae Keun	Ip-I-058
KIM S. M.	Ip-I-059	KIM Tae-Han	Hp-III-039
KIM S. S.	Dp-II-080	KIM Tae-Hong	DG-11
KIM S.-H.	Ep-IV-134	KIM Taehwan	Ep-I-021
KIM S.J.	Dp-I-036	KIM Tae-Hyun	Kp-IV-077
KIM S.J.	Ep-IV-133	KIM Taekyu	Ep-I-036
KIM S.-J.	Dp-I-060		Gp-II-005
KIM SAESBYUL	Kp-II-003	KIM Taesung	Ep-I-020
KIM Sang Su	Ep-IV-146	KIM useong	Kp-II-001
	Ep-IV-147	KIM W.M.	Ep-IV-140
KIM Sang Su	Ep-IV-148	KIM Won Jung	Ep-IV-146
KIM Sang-Jae	Ep-II-075	KIM Won Jung	Ep-IV-148
KIM Sangjin	Ep-I-017	KIM Won Sup	Fp-II-013
KIM Sangrak	FG-12	KIM Won-Kyung	Dp-I-035
KIM Sangtae	Ep-II-044	KIM Won-kyung	Dp-III-143
KIM Sang-Woo	Kp-II-007	KIM Wookrae	Jp-III-009
KIM Sang-Woo	Kp-II-025	KIM Wooyoung	Cp-III-001
KIM Sang-Woo	EG-10		Cp-III-007
	Kp-II-020	KIM wooyoung	CG-09
KIM Sang-Yoon	FG-13	KIM Y C	Dp-I-050
KIM Seong-Je	Kp-IV-077	KIM Y. K.	Dp-II-089
KIM Seong-Soo	Kp-II-007	KIM Y. S.	Dp-IV-190
KIM Seungchul	Dp-IV-171	KIM Y.D.	CG-05
KIM Seunghwan	Fp-II-026	KIM Y.H.	CG-05
KIM Seungjae	Ep-I-024	KIM Y.K.	Dp-II-103
KIM Seung-Shik	Hp-III-039	KIM Yeon Jung	Dp-III-154
KIM Seyong	BG-04	KIM Yeon Soo	Dp-II-099
KIM Sok Won	Ip-I-023	KIM Yong Hwan	DG-15
	Ip-I-068	KIM Yong Min	Dp-III-154
	Ip-I-071	KIM YONG SOO	Kp-IV-120
KIM Sok Won	Ip-I-066	KIM Yonghee	Jp-III-025
KIM Soo Yong	Ip-I-066	KIM Yong-Hyun	DG-14
KIM Soo Yong	Ip-I-068		Dp-IV-182
	Ip-I-071	KIM Yong-Seon	Hp-IV-053
KIM Sook Ho	Fp-II-016	KIM Yong-Su	Ip-I-007
KIM Soon-Wook	Lp-III-005	KIM Yoon-Ho	Ip-I-007
KIM Soon-Wook	Lp-III-003	KIM Yoon-Ho	Ip-I-006
KIM Soyeon	Ep-I-017	KIM Yoon-Ho	Ip-I-009

KIM Yoon-Ho	Ip-I-008	KOO Japil	Dp-I-064
	Ip-I-010	KOO Sang-Mo	KI-08(초)
KIM Yoon-ho	Ip-I-030	KOTERA Katsushige	Bp-IV-022
KIM Young Hun	Dp-II-126	KRUG Joachim	FG-02(초)
KIM Young Hun	Dp-II-129	KU Keun-Lim	Ep-IV-125
KIM YOUNG KEUN	Ep-III-090	KUBODERA Kuniharu	CG-07
KIM Young Sik	Kp-IV-066	KUK young	Dp-IV-173
KIM Youngchan	KF-07(초)	KUK Young	Dp-IV-210
KIM Youngim	Hp-III-022	KUK Young	DG-09
KIM Young-Kee	BG-21(초)	KULKARNI Atul	Ep-I-020
KIM Youngkuk	Dp-IV-171	KULYK Nadiia	Ep-I-013
KIM Youngwook	Dp-IV-183		Ep-I-034
KIM Yun-Jeong	Dp-III-136	KUMAR Brijesh	Kp-II-025
KIM Yun-Jeong	Ep-I-019	KUMAR Brijesh	Kp-II-007
KIM Yup	Fp-II-003	KUNSU OH	CG-16
	Fp-II-025	KUZUHARA Masaaki	KI-07(초)
KIM Yuseok	Cp-III-001	KWAK C. -H.	Ep-IV-119
KIM Zero	Bp-IV-004		Ep-IV-134
KIMOTO T.	KI-09(초)	KWAK J.G.	KI-06(초)
KIMURA S.	AS-09(초)	KWAK Wooseop	Fp-II-021
KIRAN KUMAR Ch	Dp-IV-208	KWANG-HYUN BAIK	Kp-III-055
KIRAVITTAYA Suwit	KG-13(초)	KWEON Hyocheon	Dp-I-033
KISS Takanobu	Dp-I-043	KWEON Jin Jung	Dp-I-031
KITTIMANAPUN Kritsada		KWON Bong-Joon	Kp-IV-073
	Dp-IV-213	KWON Bong-Joon	Kp-IV-074
KLIMOV P	LG-13	KWON Duck-Cheol	JG-01(초)
KO B. R.	BG-10	KWON H. -W.	Dp-II-101
KO Changhun	Dp-IV-165	KWON Hyeok-Jung	Hp-III-006
KO Changhyun	Ep-I-018		Hp-III-015
KO Jae-Hyeon	Dp-II-106	KWON HYEOK-JUNG	Hp-III-026
KO K. -T.	Dp-II-070	KWON Hyosang	Dp-II-081
KO Pyungwon	BG-07		Dp-II-100
KO Suk-Min	Kp-III-059	KWON Hyuk Woo	Dp-II-068
KO Won-Ha	Hp-IV-053	KWON J. H.	PB-06(초)
KO Yongkyu	Cp-III-016	KWON Kyoung-Cheol	Ep-IV-151
KO Young-Ho	Kp-III-051	KWON Myeun	Hp-IV-053
KOBELKE Jens	Ip-I-055	KWON Ohjin	Hp-IV-067
KOH Y. Y.	Dp-II-089	KWON O-Kab	BG-25
Koh Y. Y.	AS-09(초)	KWON Osung	Ip-I-008
KOH Y.Y.	Dp-II-103		Ip-I-010
KOJIMA Seiji	Dp-II-106	KWON Sungchul	Fp-II-003
KONG Daejung	Bp-IV-019	KWON Y. J.	BG-10
KONG DaeJung	Bp-IV-007	Kwon Y.S.	AS-09(초)
KONG Daejung	BG-17	KWON Yong Seung	Dp-I-056
KONG Daejung	Bp-IV-022	KWON Youngjoon	Lp-III-009
KONG Daejung	Bp-IV-009	KWON Young-Kyun	Dp-III-149
KONG Hong Jin	IG-03		Dp-IV-196
KONG Hong Jin	Ip-I-005		Dp-IV-213
KONG Hong Jin	IG-07	KWON Young-Kyun	Ep-I-029
KONG So-Jeo	Dp-IV-168	KWON Young-Kyun	DG-16
KOO H. C.	PB-06(초)	KYONG Y.S.	Dp-II-103

KYU WON Lee	Dp-I-033		Ep-III-087
KYUNG W. S.	Dp-II-089		Kp-IV-077
LABEAN Thomas	Ep-I-024	LEE H. Y.	LG-10
LANDGE Kalpana K.	Dp-I-032	LEE H.G.	KI-06(초)
LE VIET Duc	DG-14	LEE Hae Moo	EG-06
LEDOVSKOY Alexander	Bp-IV-019	LEE Hak Bong	Dp-II-097
LEE B. H.	Ep-I-035	LEE Hakjoon	Dp-I-010
LEE bongju	Hp-III-034	LEE Hee-Jo	EG-03
LEE Bongju	Hp-IV-075	LEE Ho Nyung	DG-04
LEE Bongju	Hp-III-031	LEE Ho seon	Kp-IV-063
LEE Bong-Ju	Hp-IV-074	LEE Ho Sueb	Ip-I-031
	Kp-IV-109		Ip-I-037
LEE Bum-Hoon	LG-06		Ip-I-052
LEE Byoung H.	Ep-II-059	LEE Ho-Sueb	Ip-I-033
LEE Byoung-Seob	Dp-IV-176	LEE Hu-Jong	Dp-IV-169
LEE Byung Sub	Ep-IV-129	LEE Hu-jong	Dp-IV-183
LEE Changhee	Dp-III-141	LEE Hu-Jong	Dp-IV-174
LEE Chang-Hee	Ep-I-021	LEE Hu-Jong	Dp-IV-164
LEE Chang-Lyoul	HP-I2(초)	Lee Hu-Jong	AS-03(초)
LEE Chang-Mook	EG-08	LEE Hu-Jong	Dp-I-048
LEE Chan-Yang	DG-11		Dp-IV-163
LEE Cheol Eui	Dp-I-034		Dp-IV-191
LEE Cheol Eui	Dp-IV-162	LEE Hyang Woon	Fp-II-013
LEE Cheol Eui	Dp-I-003	LEE Hyeong Rag	Ep-II-073
LEE Cheol Eui	Dp-I-031	LEE Hyeong-Rag	Dp-IV-168
LEE cheol eui	Dp-III-137	LEE Hyeong-Rak	Ep-II-074
LEE Cheol Eui	Kp-II-026	LEE Hyun Kyu	LS-05
LEE Chul Wook	KF-07(초)	LEE Hyung Mok	BF-03(초)
LEE Chung-II	Cp-III-010	LEE Hyung Mok	LG-05
	Cp-III-011	LEE Hyungho	Hp-IV-053
LEE D. K.	Hp-IV-046	LEE Hyungjun	Dp-IV-193
LEE D.S.	FG-17	LEE hyungwon	LG-07
LEE Do Hyun	KI-10(초)	LEE Hyun-Hee	EG-04
LEE Dongeun	Dp-II-128	LEE Hyun-Jae	KG-03
LEE Dong-Hun	HP-06(초)	LEE Hyun-Jung	DF-03(초)
LEE Duk Hyun	Dp-II-114	LEE Hyun-Jung	Hp-IV-046
LEE Eui Wan	Ep-II-073	LEE Hyun-Sook	Dp-I-048
LEE Eui-Wan	Ep-II-074		Dp-IV-163
LEE Eui-Wan	Dp-IV-168		Dp-IV-191
LEE eun kyung	Dp-IV-210	LEE Hyunwon	Ep-I-018
LEE Eun Seong	Ep-II-053	LEE Hyun-Woo	Dp-IV-209
LEE Eun-Cheol	IG-04	LEE Hyun-Woo	PB-02(초)
LEE Eunggoo	Dp-II-081	LEE Hyun-Woo	Dp-IV-184
LEE Eunmo	Dp-III-137	LEE Hyunyeong	Hp-IV-066
LEE Eunsongyi	Kp-IV-100	LEE InJae	Dp-III-139
LEE Gi Yong	Ep-II-042	LEE In-Ji	Ep-III-086
	Kp-IV-113		Ep-III-087
Lee Gil-Ho	AS-03(초)	LEE In-Ji Lee	Ip-I-056
LEE Gil-Ho	Dp-IV-169	LEE J.	HP-11(초)
LEE Gon-Sub	Ip-I-056	LEE J.	PB-08(초)
LEE Gon-Sub	Ep-III-086	LEE J. H.	PC-05(초)

LEE J. H.	Dp-I-051		Dp-II-096
LEE J. I.	Dp-I-032		Dp-II-106
LEE J.H	Cp-III-020	LEE Kwan-Woo	PC-13(초)
LEE J.S.	CG-05	LEE Kyoung Jin	A-04
LEE Jae Sik	BG-07	LEE Kyu Joon	Dp-IV-202
LEE Jae Yong	Ep-II-053	LEE Kyu Min	Ep-II-059
LEE Jae Yong	BG-13	LEE Kyu Won	Dp-I-034
LEE Jae-hwan	Jp-III-002	LEE Kyu Won	Dp-I-003
LEE Jae-hwan	Ip-I-001	LEE Kyu Won	Dp-IV-162
LEE Jaeran	Ip-I-023	LEE Kyu Won	Dp-I-031
LEE Jai-Hyung	Jp-III-009	LEE KYU-DONG	Hp-IV-050
LEE Jangwon	Ep-I-020	LEE Kyungdong	Dp-I-037
LEE Jea Hyoung	Dp-III-141	LEE Kyung-Jin	Dp-IV-209
LEE Jeong-ah	Dp-IV-183	LEE Kyung-Jin	Dp-IV-202
Lee Jeong-O	AS-03(초)		PB-02(초)
LEE Jhinhwan	PC-02(초)	LEE Lee	Dp-II-125
LEE Jihye	Dp-I-004	LEE M. H.	Dp-II-080
LEE Jik	LG-10	LEE M. J.	BG-10
LEE Jin Seok	Ep-I-027	LEE M.K.	CG-05
LEE JINKYUNG	Dp-IV-211	LEE M.W	Cp-III-020
LEE Jong Ho	Kp-II-021	LEE Manwoo	CG-04
LEE Jong Ho	Ep-III-092	LEE Manwoo	Cp-III-005
LEE Jong-Chan	Ip-I-030	LEE Min Ji	Dp-III-134
LEE Jong-Dae	Ep-IV-151	LEE Min Jun	Dp-IV-173
LEE Jongha	Hp-IV-056	LEE Mina	Fp-II-016
LEE Jongha	Hp-IV-069	LEE Mina	Fp-II-013
	Hp-IV-070	LEE Min-Ho	Jp-III-003
LEE Jong-Hee	Dp-IV-166	LEE Minseong	Kp-IV-119
LEE Jong-Heun	Dp-IV-202	LEE Minseong	Dp-I-007
LEE Jongmin	HP-12(초)	LEE Minyoung	Cp-III-001
LEE jouhahn	Kp-IV-102	LEE Moonjoo	Jp-III-008
LEE Ju Haeng	Ep-I-032	LEE Moo-song	Jp-III-023
LEE Ju Ho	Dp-III-154	LEE Myang Hwan	Ep-IV-146
LEE Jung-Hee	KI-04(초)		Ep-IV-147
LEE Jung-Hoon	Dp-II-128	LEE Myung Hwan	Ep-IV-148
LEE Jungil	BG-03(초)	LEE N. H.	PC-05(초)
LEE Jung-Nam	Ep-IV-151	LEE N.R.	Ep-I-007
LEE Junwye	Ep-I-017	LEE NAM JOO	Ep-III-090
LEE Junwye	Ep-I-020	LEE Nyun Jong	Dp-III-141
Lee K. D.	AS-09(초)	LEE S. H.	EG-01
LEE K.B.	CG-05	LEE S. H.	EG-01
LEE Kang Young	BG-09	LEE S. H.	BG-10
LEE Kang-Hyuck	Kp-II-025	LEE S.-I.	PC-05(초)
LEE Kang-Hyuck	Kp-II-007	LEE S.W.	KI-06(초)
LEE Keun Young	EG-10	LEE S.Y	Cp-III-020
LEE Ki Bong	Dp-I-064	LEE Samyol	Cp-III-014
LEE Kimoon	Dp-II-099		Cp-III-015
LEE Kimoon	Ep-II-059	LEE Sang Deok	Cp-III-011
LEE Kwang H.	Ep-II-059	LEE Sang Hoon	FG-14
LEE Kwang-Sei	DG-01(초)	LEE sang jin	Dp-IV-210
	Dp-I-031	LEE Sang Jun	KF-07(초)

LEE Sang Min	Dp-II-126	LEEM Young Ahn	KF-07(초)
LEE Sang Min	Dp-II-129	LEEM Youngchul	Ep-II-042
LEE Sang Young	PC-05(초)	LEMMENS P	PC-12(초)
LEE Sang Young	Dp-I-051	LEPS COLLABORATION	
LEE SangGap	DG-19(초)		Cp-III-023
LEE Sanghoon	KT-01(초)	LEROUX M	Kp-IV-073
LEE Sanghoon	Dp-I-010	LHO Taihyeop	Hp-III-034
LEE Sang-Kwon	DG-11	LI GUOJIE	Kp-II-003
LEE SangWook	Ep-II-038	LI Huaiyong	Ep-I-016
LEE SANGWOOK	Dp-IV-211		Ep-III-081
LEE Sang-wook	Dp-IV-183	LI Ming Kai	Kp-II-010
LEE Sangyoul	Kp-IV-093	LI Yonghui	Dp-I-019
LEE Sejoon	KG-14	LIM Heuijin	LG-11
LEE Seong Ku	HP-12(초)	LIM Hyang-Tag	Ip-I-007
LEE Seulgi	Lp-III-009	LIM Hyang-Tag	Ip-I-006
LEE Seung Min	Ep-III-092	LIM Hyuneui	DG-11
LEE Seunghun	Dp-I-035	LIM Hyung chae	Kp-IV-063
LEE Seunghun	Dp-III-143	LIM Hyunjin	Ep-I-027
LEE Seung-Woong	Dp-II-114	LIM Jae-Sung	Ep-IV-151
LEE Seung-Yong	DG-11	LIM Seong Joon	Dp-IV-173
LEE Shin Buhm	Ep-II-069	LIM Seong Joon	Dp-IV-210
LEE Soonchil	Dp-I-011	LIM Sooil	Lp-III-001
LEE Soonchil	Dp-I-022	LIM Sooin	Jp-III-009
LEE Soonchil	Dp-I-028	LIM Sunin	LG-10
LEE Soonhyouk	Ip-I-066	LIM Sunin	Lp-III-009
LEE Soonhyouk	Ip-I-068	LIM Woochang	FG-13
	Ip-I-071	LIM Yong Hwan	Kp-II-021
LEE Su Youn	Ep-III-092	LIN C T	PC-12(초)
LEE Sunggeun	BG-22	LIN H.-J.	Dp-II-070
LEE sung-hoon	Dp-III-155	LIN Jiunn-Yuan	HP-09(초)
LEE Sung-Youp	Ep-II-074	LIN Ping-Hsun	HP-09(초)
LEE T. H.	Dp-I-006	LIN, C.D.	JG-04
LEE Wonwoo	LG-06	LINDER E. V.	LG-12
LEE Y. P.	Ep-I-035	LINDER E. V.	Lp-III-008
LEE Y. S.	Dp-II-125	LIU R.H.	PC-11(초)
LEE Yea-Lee	Dp-IV-171	LIU X.	Dp-I-010
LEE Yong Wook	DG-03(초)	LIU Zhi	Ep-IV-137
LEE Yong-Hyuk	Kp-IV-088	Liu Zhongfan	AS-04(초)
LEE Yonghoon	Ip-I-076	Lu Li	AS-02(초)
LEE Yong-Hyuk	Kp-IV-102	LUSTERMANN Werner	Lp-III-007
LEE Yong-Woo	Dp-I-021	LUU Tran Trung	Jp-III-002
LEE Young Hee	DG-15	LUU Tran Trung	Ip-I-001
LEE Young Tack	Kp-IV-106	LYO In-Whan	PA-07(초)
LEE Young Taek	Ep-II-059	M. Nakao	BG-06
LEE Youngmin	KG-14	M. K. Moon	Cp-III-026
LEE Youn-Seoung	Kp-IV-088	M. S. Seo	Ep-IV-136
LEE Youn-Seoung	Kp-IV-102	M.J Rapp	CG-04
LEE Yun Sang	Dp-II-069		Cp-III-020
LEE Yun Sang	DG-04	M.V. Polyakov	CG-09
LEE Yun-Hi	Dp-IV-166	MAEKAWA M.	PB-01(초)
LEEM C.S.	Dp-II-103	MAHM seung Hoon	EG-06

MALBERTI Martina	Bp-IV-006		
MANCHON Aurelien	PB-04(초)	N. G. Deshpande	Bp-IV-018
MARCHESONI Fabio	FG-10	N. T. Tung	Ep-IV-136
MAROHN John	DG-19(초)	N. T. Tung	Ep-III-078
MASAYA I.	BG-10	NA Dong Hyeon	Ep-III-077
MATSEKH Arkadiy	Dp-I-043	NA Se Woong	Hp-IV-052
MATSUDA Yuji	PC-08(초)		Dp-IV-163
MENY Christian	DT-01(초)	NA Sewoong	Dp-IV-191
MIN B. I.	Dp-II-101	NA SEWOONG	Dp-I-064
MIN B. I.	Dp-II-070	NA Yong Su	Dp-I-063
MIN Byeong Hun	Dp-I-056	NA Yong-Su	Hp-IV-052
MIN Chul Hee	Dp-II-068	NA Yong-Su	Hp-IV-067
MIN Chul-hee	Dp-II-101	NAGANUMA Hiroshi	Hp-IV-051
MIN Kyoung In	DG-15	NAKANUMA Takashi	PB-05(초)
MIN KYUNGJEAN	Hp-III-026	NAM Chang Hee	Cp-III-023
MINAMITSUJI Masato	LG-06	NAM Chang Hee	Jp-III-002
MINN JOOHA	BG-24	NAM Chang Hee	Ip-I-058
	GG-04	NAM Chang Hee	Ip-I-001
MIYOUNG KIM	Dp-II-104	NAM Chang-Hoon	Dp-III-136
MOHAN Rajneesh	Dp-I-036	NAM Chang-Hoon	Ep-I-019
MOHAN Rajneesh	Ep-IV-133	NAM J. W.	LG-10
MOK Chinook	Hp-III-037	NAM Jae-Woo	Ep-II-059
	Hp-III-038	NAM Jieun	Dp-IV-198
MOON Chang-Youn	DG-13	NAM Jong Woo	Hp-IV-080
	PC-09(초)	NAM Kee Hwan	Hp-12(초)
MOON Dae Won	Kp-IV-066	NAM S.	LG-10
MOON Geol	Jp-III-025	NAM Sang Hoon	Hp-IV-080
MOON Hyerim	PA-03(초)	NAM Seung-Geol	Dp-IV-164
Moon Hyerim	AS-06(초)	NAM Seung-gul	Dp-IV-183
MOON Jeong Hyun	KI-10(초)	NAM Shinwoo	Lp-III-009
MOON Jisoo	Dp-I-062	NAM Soo-hyeon	BG-07
MOON Joon Chul	Ep-II-042	NAM Soon-Kwon	Hp-III-023
MOON Joonchul	Kp-IV-113	NAM Soon-Kwon	Bp-IV-011
MOORE Eric	DG-19(초)	NAM YONG UN	Hp-IV-050
MORITA Tadashi	PB-05(초)	NAM YongUn	HP-10(초)
MOTISHITA, T.	JG-04	NAM yongun	Hp-IV-057
MUKAIDA M.	Dp-I-060	NAM Young Woo	Ep-IV-110
MUN Bongjin	Ep-II-042	NAMKUNG W.	Hp-IV-071
MUN Bongjin	Ep-IV-137	NANISHI Yasushi	KI-05(초)
MUN Sung-jin	Ep-II-059	NG Tai Kai	DF-01(초)
MUN-TAEK HONG	Kp-III-055	NGO D. N. Thach	EG-12
MYHRER Fred	CG-07	NGOC HV	Ep-I-013
MYUNG yunsoo	LG-07		Ep-IV-128
N Danilov	Bp-IV-023	NGUYEN Ba Phi	Fp-II-009
NÉNERT Gwilherm	Dp-II-093	NGUYEN Van Do	Cp-III-004
N. Danilov	BG-01(초)	NGUYEN Vu Dat	Ip-I-032
	BG-15	NI Andrey	Cp-III-001
	BG-16	NI andrey	CG-09
	BG-26	NISHI Y.	KI-09(초)
	BG-27	NISHIMURA Suzushi	EG-02
	Bp-IV-017	NOH Han-Jin	PA-06(초)
		NOH Heung-Ryoul	Jp-III-022

NOH Heung-Ryoul	Jp-III-025	OHYA S,	PB-01(초)
NOH Jae Dong	Fp-II-002	OLSEN S,	BG-10
NOH Jae Dong	Fp-II-001	OOGANE Mikihiko	PB-05(초)
NOH S. J.	Dp-I-031	PAE K. H,	HP-11(초)
NOH S. J.	Dp-I-003	PAE Ki Hong	HP-12(초)
NOH Sam Kyu	KF-07(초)	PAK Eun Sick	Dp-IV-176
NOH T. W,	Dp-II-118	PARK Aaron	Ep-II-059
NOH Tae Won	Ep-II-069	PARK Ba Ho	Dp-II-114
NOH Tae Won	Dp-II-107	PARK Bae Ho	Dp-II-099
NOH Tae Won	Dp-II-069	PARK Byung Do	BG-28
NOH Tae Won	DG-04	PARK C. M,	EG-01
NONG-MOON Hwang	DG-08	PARK C. W,	BG-10
OAK Min-Ae	Dp-II-128	PARK C,H,	Ep-II-059
ODKHUU Dorj	Dp-I-015	PARK C,-I,	Ep-IV-119
OH Duck Mahn	Dp-III-146	PARK C,-I,	Ep-IV-134
OH Gabjin	Fp-II-026	PARK Changwon	Dp-IV-171
OH Hyoungyun	Ep-I-018	PARK Changwoo	Ep-II-042
OH Hyungju	Dp-I-058		Kp-IV-113
	Dp-I-062	PARK Chawon	Bp-IV-020
OH In-Hwan	Dp-II-096	PARK Chong-Yun	Dp-IV-179
OH In-Hwan	DG-02(초)	PARK Chul Hong	Dp-II-098
OH Kunsu	CG-03		Dp-II-108
OH Kyunghwan	Ip-I-029	PARK Dong Jo	IG-07
OH Min Seok	IG-03	PARK Dongho	LG-08
OH Min Seok	IG-07	PARK Doyoung	Dp-II-100
OH Myoung Kyu	DG-15	PARK Eurdo	Dp-III-139
OH Myoung-Kyu	Ip-I-076	PARK Gae-gun	Ip-I-056
OH Phillial	BG-25	PARK Gwangseo	Dp-II-081
OH S. -J,	Dp-II-101		Dp-II-100
OH Sang Hoon	LS-05	PARK H,	BG-10
OH Sang Soon	Ip-I-032	PARK H, K,	BG-10
	Ip-I-038	PARK H,K,	BG-12
OH Sang-Soo	Dp-I-043	PARK Hwangsook	Kp-IV-105
OH Se Jung	Dp-II-068	PARK Hye Jin	Ep-IV-110
OH Seong Y	Hp-III-009	PARK Hyeon K,	HP-03(초)
OH Seong Y,	Hp-III-007	PARK Hyunggyu	FG-10
OH Seung Han	Dp-III-134	PARK hyunjoon	Fp-II-004
OH Seungtae	Hp-IV-056	PARK Hyun-Kyu	EG-10
OH Seungtae	Hp-IV-053		Kp-II-020
OH Seungtae	Hp-IV-069	PARK I, H,	LG-10
	Hp-IV-070	PARK liJin	Dp-I-019
OH Suhk Kun	Ep-IV-152	PARK In Gon	BG-28
OH Won Tae	Ep-IV-129	PARK In Suk	Dp-I-050
OH Yongdo	BG-17	PARK Inkyu	Bp-IV-020
OH Yoon Seok	DG-05	PARK J. J,	EG-01
OH YoungDo	Bp-IV-007	PARK J. S,	Ep-I-035
OH YoungDo	Bp-IV-022	PARK J,-H,	Dp-II-070
OH Youngdo	Bp-IV-009	PARK J,-N,	Dp-I-006
OH Youngheon	Dp-IV-170	PARK J,W,	Dp-II-125
	Dp-IV-203	PARK Jae Woong	Dp-III-154
OHASHI Naoki	KI-01(초)	PARK Jae-Gun	Ep-IV-151

PARK Jae-Hoon	Dp-I-021	PARK Sungkyun	Dp-III-143
PARK Jae-Hyun	Dp-I-048	PARK Sungmin	Dp-II-081
PARK Jea-Gun	Ep-III-086	PARK sungmin	Dp-II-100
	Ep-III-087	PARK Tae-Sun	Cp-III-024
	Kp-IV-077	PARK Tae-Sun	Cp-III-022
PARK Jea-Gun	Ep-IV-125		Cp-III-034
PARK Jea-Hoon	Dp-IV-202	PARK Tae-Sun	CG-07
PARK Jin Hun	Ep-II-051	PARK Tuson	PC-03(초)
PARK Jin Su	Ep-IV-146	PARK Y. M.	Hp-IV-046
	Ep-IV-147	PARK Yongsup	Dp-III-149
PARK Jin Su	Ep-IV-148	PARK Young an	Dp-II-127
PARK Jin-soon	Ep-II-053	PARK Young-Ho	Ip-I-076
PARK Jinwoo	Dp-III-150	PARK Young-Jai	Fp-II-012
	Dp-III-161	PARK Young-Soon	EG-04
PARK Ji-Sang	DG-13	PARK Yung Woo	Ep-III-093
PARK Jong-Chul	BG-14		Ep-IV-110
PARK Joo Hyun	Ep-II-053	PARK YUNGWOO	Dp-IV-211
PARK Joonwoo	Kp-IV-103	PARK YungWoo	Ep-II-038
PARK Jun Kue	Dp-I-003	PARKIN Stuart	Dp-I-042
PARK June	Ep-IV-120	PHAM Duck Khue	Cp-III-004
	Ep-IV-121	PODE Ramchandra	Ep-IV-135
PARK JunWoo	Kp-IV-063	POORNIMA L.	Dp-I-009
PARK Juyun	Ip-I-001	PRELLIER Wilfrid	Dp-II-069
PARK K. S.	BG-10	QIAN Peng Fei	Ep-I-024
PARK Kwon	Dp-II-073	QIAO Xue Bin	Ep-III-106
	Fp-II-005	R. G. Elliman	Kp-II-028
PARK Kyung Hyun	KF-07(초)	RA Young-Sik	Ip-I-007
PARK Mita	Ep-IV-137	RA Young-Sik	Ip-I-006
PARK Q-Han	Ip-I-074	RA Young-Sik	Ip-I-008
PARK Q-Han	Ip-I-051		Ip-I-010
PARK Q-Han	Ip-I-011	RAGHAVAN C	EG-09
PARK S. I.	Hp-IV-071	RAHAMAN Hasibur	Hp-IV-080
PARK S. R.	AS-09(초)	RAHMANN Md. Shakilur	Cp-III-004
PARK S.R.	Dp-II-103	RAJAGUKGUK Reni	Dp-I-039
PARK Sang-Kook	Dp-I-052	RANITZSCH Philipp	Chung-On
PARK Sangnam	Bp-IV-020		Cp-III-012
PARK Sangwoo	Ip-I-005	RAO B. Vengala	Ip-I-037
PARK Se Young	PC-09(초)	RASTELLI Armando	KG-13(초)
PARK Se-Hwan	Cp-III-041	RATNAM B.V.	Ip-I-031
PARK Seung Beom	Ip-I-058		Ip-I-052
PARK SeungJoo	Ep-II-038	RAWAT Prashant	Jp-III-002
PARK So Jeong	Ep-I-019	REHMAN Mustaq	Dp-I-057
PARK So-Jeong	Dp-III-136	RHA Sa-Kyun	Kp-IV-088
PARK Sora	Dp-IV-196	RHEE Tongnyeol	Hp-III-037
	Dp-IV-213	RHEN Danielle	Ep-I-034
PARK Su-Chan	FG-02(초)	RHEN Danielle	EG-09,
PARK Sung Ha	Ep-I-017		Ep-I-013
PARK Sung Ha	Ep-I-020		Ep-IV-127
PARK Sung Ha	Ep-I-024	RHIE K.	PB-08(초)
PARK Sungil	Dp-II-097	RHO Heesuk	DG-15
PARK Sungil	Dp-II-085	RHO Kee-Jeong	Dp-I-021

RHYEE Jong-Soo	Dp-I-056	SEO Seung-Jun	Ep-I-032
RI Hyeong-Cheol	Dp-I-052	SEO sunae	Dp-III-155
RIBIERRE Jean Charles	EF-02(초)	SEO Sunae	Dp-IV-183
RITTER Clemens	Dp-II-093	SEO Sung Seok A.	DG-04
RO T.I	Cp-III-020	SEO Y. K.	Dp-II-125
RO Tae-Ik	CG-04	SEO Y. M.	EG-01
ROBINSON Ian K.	Ep-I-025	SEO Yohan	Kp-IV-103
ROSER Ulf	Lp-III-007	SEOK dongchan	Hp-III-034
RYOU Junga	DG-16	SEOK Sangjun	Dp-III-131
RYU Byungki	DG-13	SEOK-GY Jeon	Hp-III-014
RYU Chang-mo	Hp-III-040	SEOL KYUNG-TAE	Hp-III-026
RYU Chang-Mo	Hp-III-037	SEONG ilsoo	Bp-IV-021
	Hp-III-038	SEONG Maeng-Je	Ep-IV-120
RYU Geonmo	Bp-IV-020		Ep-IV-121
RYU Han Tae	KG-14	SEONG W. K.	PC-05(초)
RYU Jisu	Dp-IV-209	SEON-HYO KIM	Kp-IV-078
RYU Jisu	PB-02(초)	SERGEY Chebotarev	Cp-III-001
RYU S.	BG-10	SERGEY chebotarev	CG-09
RYU Sangwoo	Dp-II-128	SERGEY Chevotaryov	Cp-III-007
RYU Seung Wook	Ep-III-092	SEUNG Hyun-Min	Ep-IV-151
S. Kolesnik	Dp-I-018	SHAHID Muhammad	Ep-I-011
S. J. Cho	Cp-III-026		Ep-I-012
S. J. Lee	Ep-III-078		Ep-I-014
S. J. Lee	Ep-IV-136		Ep-I-034
S. J. Lee	Ep-III-077	SHAHID Muhammad	Ep-I-009
SABBAGH S. A.	HP-04(초)		Ep-I-010
SADA Y.	Cp-III-019	SHAHID Muhammad	Ep-III-103
SAINI Shrikant	Dp-I-060	SHAHID Muhammad	Ep-IV-126
SAITOH Eiji	PB-03(초)	SHAING K. C.	HP-04(초)
SAMUEL Stepanyan	Cp-III-007	SHAKIR Imran	Ep-I-011
SANGARAJU SAMBASIVAM			Ep-I-012
	Kp-II-003		Ep-I-014
SANGHYEON Song	Bp-IV-008	SHAKIR Imran	Ep-I-009
SANG-WOOK HAN	Kp-IV-078	SHAKIR Imran	Ep-III-103
SCHMIDT Oliver G.	KG-13(초)	Shi L. K.	AS-07(초)
SCHUSTER K.	Ip-I-055	SHI Liang	Ep-III-101
SCOPEL Stefano	LG-04	SHI Liang	Ep-III-106
SCOPEL Stefano	BG-14	SHIM In-Bo	Dp-I-019
SEO Deok-Won	DG-11	SHIM In-Bo	Dp-III-134
SEO DONGCHEOL	Hp-IV-050	SHIM J. H.	Dp-II-101
SEO Dongcheol	Hp-IV-053	SHIM Jae-Hyoung	Ip-I-056
SEO Gi Wan	DG-03(초)	SHIM Jae-Hyoung	Ep-III-086
SEO Han Seok	KI-10(초)		Ep-III-087
SEO Jung-Hye	Kp-IV-102	SHIM Ji Hoon	PC-10(초)
SEO Ju-Seok	Kp-II-020	SHIM Jong-In	KI-02(초)
SEO Min Jeong	Jp-III-022	SHIM JuneBum	Ep-II-038
SEO Minky	Dp-IV-170	SHIM Tae-Hun	Ip-I-056
	Dp-IV-203	SHIM Tae-Hun	Ep-III-086
SEO S.-Y.	Ep-IV-119		Ep-III-087
	Ep-IV-134		Kp-IV-077
SEO Seong-Heon	Hp-IV-053	SHIMADA K.	AS-09(초)

SHIMAMURA Kiyoshi	Ep-III-099	SON Young-Woo	Dp-IV-181
SHIN Byong Wook	Ep-II-073	Son Young-Woo	AS-05(초)
SHIN Chaeho	Dp-IV-190		AS-06(초)
SHIN Dong Hun	Hp-III-031	SON Young-Woo	PA-03(초)
SHIN Donghan	Dp-I-058	SON Young-Woo	Dp-IV-171
SHIN Hee-Sung	Cp-III-041	SONG Chul Ho	Dp-II-126
SHIN Hyeon Cheol	Ep-II-051	SONG Chul Ho	Dp-II-129
SHIN Hyosup	Ip-I-066	SONG D. J.	Dp-II-089
SHIN Jae Sung	Ip-I-005	SONG D. J.	Dp-II-103
SHIN Jae Won	Cp-III-022	Song D. J.	AS-09(초)
SHIN Jae-Heon	KF-07(초)	SONG Hyoungui	Gp-II-001
SHIN Jae-ik	Lp-III-009	SONG J.H.	CG-05
SHIN JaeWon	Cp-III-010	SONG Jin Sop	BG-28
	Cp-III-011	SONG JUNG-HWAN	DG-12(초)
	Cp-III-034	SONG Ki Myung	Dp-I-014
SHIN Jong Moon	Kp-II-031	SONG Kimyung	Dp-I-032
SHIN Jong Moon	Dp-III-143	SONG Kimyung	Dp-I-037
SHIN Kyung-Ho	PB-08(초)	SONG M.	Ep-II-043
SHIN MUN-SOO	Kp-IV-120	SONG Misun	Dp-IV-198
SHIN R. H.	Ep-II-043	SONG Mi-Young	JG-01(초)
SHIN R. H.	Dp-II-112	SONG Sanghoon	Ep-I-025
SHIN R.H.	Ep-I-007	SONG Sanghyeon	Bp-IV-004
SHIN Sunyoung	BG-22	SONG T. K.	Dp-II-080
SHIN Yong-il	Jp-III-023	SONG Tae Kwon	Dp-I-050
SHIN Yungsu	Kp-IV-113	SONG Tae Kwon	Ep-IV-146
SHINDOU Ryuichi	DF-02(초)		Ep-IV-147
SIM Eundeok	KF-07(초)	SONG Tae Kwon	Ep-IV-148
Sim H.-S.	AS-01(초)	SONG Tae Kwon	Dp-II-107
SIM Kwang-Souk	BF-02(초)	SONG Wooseok	Dp-IV-179
SIM Pyoung Sub	Fp-II-001	SONG Yoo Jang	Dp-I-056
SIM Yumin	Ep-IV-121	SONG Young-Sang	Dp-II-085
SKOY Vadim R.	Cp-III-005	SONGSIK EUM	CG-16
SKULLERUD Jon-Ivar	BG-04	SOO-YOUNG SEO	Kp-IV-078
SMOOT G. F.	LG-12	STRATFORD K.	FG-08
SMOOT G. F.	Lp-III-008	SUBRAMANIAM Nagarajan Ganapathi	
SOCHICHIU Corneliu	BG-25		KG-16
SOHN B.-H.	Dp-IV-190	SUDA J.	KI-09(초)
SOHN Hyun Chul	Ep-II-059	SUEMITSU Maki	PA-04(초)
SOHN Jongsu	BG-25	SUH B. J.	Dp-I-006
SON ChangWook	CG-03	SUH Hwansoo	Dp-IV-173
SON D.	BG-12	SUH Minah	EF-06(초)
SON Dae-Ho	Kp-IV-086	SUH Tae-Suk	Cp-III-010
SON Dongchul	Hp-III-022		Cp-III-011
SON Joon-Gon	Ip-I-076	SUK Hyyong	Hp-III-007
SON K.	Dp-I-006		Hp-III-009
SON Lee Seul	Ep-IV-152	SUNDARAY Bibekaranda	Ep-III-093
SON Myeong-Rak	Ep-II-074	SUNG Choongki	Hp-IV-066
SON Seung-Woo	Fp-II-015	SUNG Jae Hee	Hp-12(초)
SON TaeJin	Bp-IV-007	SUNG kil dong	Dp-II-127
SON Taejin	BG-17	SUNG Myung M.	Ep-II-059
SON Woo-Sik	Fp-II-012	SUNG N. H.	Dp-II-101

SUNG Shi-Joon	Kp-IV-086	V. D. Lam	Ep-III-078
SUNG Woongmo	Dp-III-131	V. T. Thuy	Ep-III-078
SUNG Y. S.	Dp-II-080	V. T. T. Thuy	Ep-I-031
SUNG Yeon Soo	Ep-IV-146	VASILIEV Alexander N.	Dp-II-093
	Ep-IV-147	VENUGOPAL Gunasekaran	Ep-II-075
SUNG-MIN HWANG	Kp-III-055	VIACHESLAV Kuznetsov	CG-09
SUNG-TAE Han	Hp-III-014	VIERTEL Gert	Lp-III-007
SUN-HONG PARK	Kp-IV-078	VON GUNTEN Hanspeter	Lp-III-007
T. Boiko	CG-09	VYACHESLAV Kuznetsov	Cp-III-001
T. Kajiitani	Dp-I-016	W. H. Jang	Ep-III-079
T. Nozaki	Dp-I-016	WANG Jyhpyng	HP-09(초)
T. U. Eom	Ep-I-030	WANG Zhen Yi	Ep-IV-125
T. W. Eom	Ep-III-107	WCI TEAM	HP-01(초)
TAE-SOO KIM	Kp-III-055	WI Hanmin	Hp-IV-056
TAKAFUMI Yao	Kp-III-057	WI Hanmin	Hp-IV-069
TAKAGI Nori	PB-07(초)		Hp-IV-070
TAKAMURA M.	Dp-I-060	WON E. I.	BG-10
TAKAYUKI Sakuma	Bp-IV-022	WON Eunil	BG-08
TAKESHITA Tohru	Bp-IV-022	WON Mi Sook	Ep-IV-129
TAKEUCHI I.	DG-05	WON Mi-Sook	Dp-IV-176
TAKEZOE Hideo	EG-02	WON Namkung	Cp-III-005
TAN H. Hoe	Kp-II-017	WOO HYUN-JONG	Ep-IV-041
TANAKA A.	Dp-II-070	WOO J.H.	EG-04
TANAKA H.	Jp-III-001	WOO Minho	Hp-III-037
TANAKA M.	PB-01(초)	Woo Seongwoo	AS-06(초)
TANIDA K.	Cp-III-019	WOO Seoungwoo	PA-03(초)
TENREIRO Claudio	Cp-III-024	WRIGHT Sarah	DG-19(초)
	Cp-III-039	WU J. W.	EG-04
TOMÁNEK DAVID	Dp-IV-213	X. JIN	Ep-III-079
TOMANEK David	Ep-I-029	XIAO Zhi-Hong	Jp-III-006
TRAN Minh-Tien	DF-05(초)	Y. Danon	CG-04
TRAN Thi Tham	Ep-IV-152		Cp-III-020
TRAN VAN QUANG	Dp-II-104	Y. Lu	Ep-III-082
TRUNG Luu Tran	IG-05	Y. Lu	Ep-III-079
TSHOO K.	Cp-III-019	Y. Ying	Ep-I-030
TSUBOI Taiju	Ep-III-099	Y. H. Choi	Cp-III-026
U. W. Nam	Cp-III-026	Y. K. SEO	Dp-II-084
UCHIDA Ken-ichi	PB-03(초)	Y. K. Jeon	Cp-III-026
UCHIDA Shin-ichi	PC-01(초)	Y. P. Lee	Ep-III-082
UEDA Yutaka	Dp-II-093	Y. P. Lee	Ep-III-078
UHM Han S.	Hp-III-009	Y. P. Lee	Ep-III-079
UHM Han Sup	Hp-IV-075	Y. P. Lee	Ep-IV-136
ULLAH Aman	Dp-II-092	Y. P. Lee	Ep-III-077
UM Jaegon	FG-10		Ep-III-107
UM Youngje	Dp-IV-203	Y. P. Lee	Ep-I-031
UNGER S.	Ip-I-055	Y. P. Lee	Ep-I-030
UNNO Y.	BG-10	Y. S. LEE	Dp-II-084
UOZUMI Satoru	Bp-IV-007	YANG H. L.	Hp-IV-046
UOZUMI Satoru	BG-17	YANG J.	LG-10
UOZUMI Satoru	Bp-IV-022	YANG Jee-Eun	Dp-IV-176
UOZUMI Satoru	Bp-IV-009	YANG Jeonghwa	Dp-I-017

YANG Jinsuck	Cp-III-015	Yoon Duhee	AS-06(초)
YANG Jongman	Lp-III-009	YOON HongKee	DG-21
YANG Kye Tak	Ip-I-041	YOON Hyung Do	KG-14
YANG L.X.	Dp-II-103	YOON Ilsun	Ip-I-074
YANG Sang Mo	Dp-II-118	YOON J.-G.	Dp-II-118
YANG Sang Mo	Dp-II-107	YOON J.R	Cp-III-020
YANG Suk Kyun	IG-04	YOON Jang Hee	Ep-IV-129
YANG Sun A	Dp-II-110	YOON Jong-Gul	Dp-II-107
YANG Taekeun	Cp-III-001	YOON Joonseok	Ep-II-042
YANG W. I.	PC-05(초)	YOON Jung-Sik	JG-01(초)
YANG W. I.	Dp-I-051	YOON Kyung Byung	Ep-I-025
YANG Yong Suk	Dp-II-126		Ep-I-027
YANG Yong Suk	Dp-II-129	YOON S.	Ep-II-043
YANG YuChul	Bp-IV-007	YOON Seokhyun	Dp-IV-198
YANQUN DONG	Kp-III-055	YOON Seon-Mi	Dp-IV-202
YAO Takafumi	KG-03	YOON Siwoo	HP-10(초)
YEE Dae-Su	KF-07(초)	YOON Sung Wook	Dp-III-134
YEE Kiju	DG-07	YOSHIDA Yoshiyuki	Dp-II-089
YEO Dong Yeol	Ep-II-066	YOU Sangha	Kp-IV-101
YEO joonhyun	Fp-II-004	YOUN Hye Jin	Fp-II-015
YEO Seung Jun	Dp-IV-196	YU Byung Deok	Dp-III-150
YEO Seung Jun	Ep-IV-135		Dp-III-161
YEO Sunmog	Dp-III-130	YU Jaejun	Dp-II-073
YEOM Han Woong	Dp-III-146	YU Jaejun	Dp-II-082
YI Gyu-Chul	DG-06	YU Krylov	BG-15
YI Jin Neung	Ep-II-073		BG-16
YI JunGyu	CG-03		BG-26
YI K.R	Cp-III-020		BG-27
YI Soung-Soo	Ip-I-031		Bp-IV-017
YI Soung-Soo	Ip-I-033,		Bp-IV-018
	Ip-I-037,		Bp-IV-023
	Ip-I-052	YU. Krylov	BG-01(초)
YIM Jeong Hyuk	KI-10(초)	YU Tae Jun	HP-12(초)
YONG-GON SE	Kp-III-055	YUN HOYEOL	Dp-IV-211
YOO EUN JI	Ep-III-090	YUN Hyeol	Dp-IV-183
YOO Hana	Kp-II-021	YUN Hyeok	HP-12(초)
YOO Hyang Keun	Ep-II-069	YUN Hyung Joong	Kp-IV-102
YOO In-Kwon	CG-03	YUN mira	Dp-III-139
YOO Insun	Ep-I-018	YUN Won Seok	Dp-I-015
YOO Min-Gu	Hp-IV-051		Dp-I-040
YOO seungryul	Hp-III-034	ZAHID Ali	EG-09
YOO Seungryul	Hp-IV-075	ZERO Kim	Bp-IV-008
YOO Seungryul	Hp-III-031	ZHANG C.L.	Dp-II-075
YOO Taehee	Dp-I-010	Zhang L. B.	AS-07(초)
YOOK Jong-Gwan	EG-03	Zhu J. J.	AS-07(초)
YOOK Soon-Hyung	Fp-II-025	ZOU Jin	Kp-II-017
YOON Choon Sup	DG-21		Kp-IV-076
YOON Choon Sup	Dp-III-140	ZOU Yu	Ip-I-013
YOON Chun Sil	BG-28	ZWICKNAGL G	PC-12(초)
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