

<2019 봄 학술논문발표회 우수발표상 수상명단(구두발표부문)>

* 총 83건

A1.09

Nuclear mass table in deformed Relativistic Continuum Hartree-Bogoliubov theory /

인은진^{1,4}, 김영만^{3,4}, 박태선^{2,4}, 송영호^{3,4}, PAPA KONSTANTINO U Panagiota^{3,4}, 홍승우^{*2,4}

(¹성균관대학교 에너지과학과, ²성균관대학교 물리학과, ³기초과학연구원, ⁴CDFT Collaboration)

A2.01

Optical characteristics of lateral width controlled InGaN quantum wires grown on c-axis GaN template by MOCVD / 여환섭¹, 이관재¹, 심영출¹, 조용훈^{*1} (¹한국과학기술원 물리학과)

A3.07

Twisted multi-layered graphene through decoupling of layers by electrone-based electron injection / 김세라^{1,2}, 박종호^{1,2}, 김성웅¹, 양희준^{*1} (¹성균관대학교 에너지과학과, ²기초과학연구원 나노구조물리연구단)

A4.05

Tailoring Physical Properties of 2D MoS₂ Monolayers on 3D Nanostructures / KIM Eunah¹, CHO Jin-Woo², NGUYEN Tri Khoa³, NGUYEN Trang Thi Thu¹, KIM Yong Soo³, KIM Sun Kyung², YOON Seokhyun¹, KIM Dong-Wook^{*1} (¹Department of Physics, Ewha Womans University, ²Department of Applied Physics, Kyung Hee University, ³Department of Physics and Energy Harvest Storage Research Center, University of Ulsan)

A4.06

Optoelectronic characteristics of two-dimensional n-p hetero-structures / 박현정¹, 박철준¹, 김정용², 주진수^{*1} (¹고려대학교 물리학과, ²성균관대학교 에너지과학과)

A4.08

Fabrication of Flexible UV Photodetector Array Using ZnO nanotubes Grown on Graphene Films / 김희훈¹, 이규철^{*1}, 최영빈¹, 박준범¹ (¹서울대학교 물리천문학부)

A6.05

Vertex corrections to the dc conductivity in anisotropic multiband systems / 김성훈¹, 우승찬¹, 민흥기^{*1} (¹서울대학교 물리천문학부)

A7.05

Valley magnetic domain as a pathway to valleytronic current processing / 김영재¹, 이재동^{*1} (1대

구경북과학기술원 신물질과학전공)

A7.08

Atomistic Study on the Electronic Structure of Twisted Double Bilayer Graphene / 최영우¹, 최

형준^{*1} (1Department of Physics, Yonsei University)

A8.09

Dynamics of Bloch point in an asymmetric patterned permalloy disk / HAN Hee-Sung¹, JUNG

Min-Seung², YU Young-Sang³, LEE Sooseok², CHAO Weilun⁴, FISCHER Peter⁵, HONG Jung-II², IM Mi-

Young⁴, LEE Ki-Suk^{*1} (1School of Materials Science and Engineering, UNIST, 2Department of Emerging Materials Science, DGIST,

3Advanced Light Source, Lawrence Berkeley National Laboratory, 4Center for X-ray Optics, Lawrence Berkeley National Laboratory, USA, 5Materials Sciences Division, Lawrence Berkeley National Laboratory, USA)

A10.06

K-selective percolation: Modeling enzymatic degradation of polymer networks / 김정호¹,

고광일^{*1} (1 고려대학교 물리학과)

A11.06

Strand excision in E. coli DNA mismatch repair / 이량근¹, LIU Jiaquan², BRITTON Brooke M.²,

양근상³, FISHEL Richard², 이종봉^{*1,3} (1Department of Physics, POSTECH, 2Department of Cancer

Biology and Genetics, The Ohio State University Wener Medical Center, USA, 3School of

Interdisciplinary Bioscience and Bioengineering, POSTECH)

A12.05

Warm electron waves driven by time-dependent flows in magnetized plasma / LEE Min Uk¹,

윤건수^{*1} (1Division of Advanced Nuclear Engineering, Pohang University of Science and

Technology)

A14.04

Impact of EM showers on energetic muons at CMS / 오민석^{*1}, 유휘동¹ (1 서울대학교 물리학과)

A14.05

CMS GE1/1 chamber assembly, quality control and aging test / 이용훈^{*1} (1 성균관대학교

물리학과)

A15.05

Emergence of robust 2D skyrmions in SrRuO₃ ultrathin film / SOHN Byungmin^{1, 2}, KIM Bongju^{1, 2}, PARK Se Young^{1, 2}, CHOI Hwan Young³, MOON Jae Young³, CHOI Taeyang⁴, CHOI Young Jai³, NOH Tae Won^{1, 2}, ZHOU Hua⁵, CHOI Jun Woo⁶, CHANG Seo Hyoung⁴, HAN Jung Hoon⁷, 김창영^{*1}
(¹Department of Physics and Astronomy, Seoul National University, ²Center for Correlated Electron Systems, Institute for Basic Science, ³Department of Physics, Yonsei University, ⁴Department of Physics, Chung-Ang University, ⁵Advanced Photon Source, Argonne National Laboratory, USA, ⁶Center for Spintronics, Korea Institute of Science and Technology, ⁷Department of Physics, Sungkyunkwan University)

B1.04

THERMAL NEUTRON CAPTURE OF ¹⁶³Dy(n,g)¹⁶⁴Dy AT DALAT REACTOR / NGUYEN Uyen Kim¹, 채경욱^{*1}, NGUYEN Duy Ngoc¹, CHA Soomi¹, KWAG Minsik¹, KIM Duhyun¹, NGUYEN Hai Xuan², NGUYEN Anh Ngoc², HO Thang Huu², NGUYEN Hung Quang³ (¹성균관대학교 물리학과, ²Dalat Nuclear Research Institute, Vietnam, ³Institute of Fundamental and Applied Sciences, Duy Tan University, Vietnam)

B3.01

Excitation of multiple spin-wave modes and their critical angles in a photon-magnon coupled system / KIM Bosung¹, BHOI Biswanath¹, 김상국^{*1} (¹서울대학교 재료공학부)

B4.05

Linearly polarized Raman spectroscopy of ReS₂ / 최윤¹, 김중철¹, 김정화², 이종훈², 정현식^{*1} (¹서강대학교 물리학과, ²울산과학기술원 신소재공학부)

B4.08

Large magnetoresistance of monolayer graphene in contact with BiFeO₃ nano-island array / 전지훈¹, 오광택¹, 윤찬수¹, 오다예¹, 이수연², 박배호^{*1} (¹Department of Physics, Konkuk University, ²Center for Electronic Materials, Korea Institute of Science and Technology)

B5.06

Selective nanolaser excitation at hierarchical photonic topological states / 한창현^{1, 2}, 강민수^{1, 2}, 전현수^{*1, 2} (¹서울대학교 물리천문학부, ²서울대학교 반도체공동연구소)

B8.06

Magnetism of lanthanide elements embedded into ultra -thin magnesium oxide layers on Ag(100) / AHMED Safa Lamia^{1, 2}, SINGHA Aparajita^{1, 2}, KRYLOV Denis^{1, 2}, WOLF Christoph^{1, 2},

RUSPONI Stefano³, PIVETTA Marina³, LODESANI Alessandro⁴, PICONE Andrea⁴, BRAMBILLA Alberto⁴,
BARLA Alessandro⁵, HEINRICH Andreas J.^{1, 2}, 도나티 파비오^{*1, 2} (¹Center for Quantum Nanoscience, IBS,
²Department of Physics, Ewha Womans University, ³Institute of Physics, Ecole Polytechnique Fédérale de Lausanne, Switzerland,
⁴Dipartimento di Fisica, Politecnico di Milano, Italy, ⁵Istituto di Struttura della Materia, Consiglio Nazionale delle Ricerche, Italy)

B10.04

Large-scale Information-theoretic analysis of composition in painting / 이병휘¹, 서민경², 김영호³, 신인섭², 정하웅^{*1, 4}, 한승기^{*2} (¹Department of Physics, Korea Advanced Institute of Science and Technology,
²Department of Physics, Chungbuk National University, ³Data Analytics Group, Samsung SDS, ⁴APCTP)

B10.07

Foraging path formation with directional pheromones / 배규호¹, 백승기^{*1} (¹부경대학교 물리학과)

B12.01

Argon clusters in supercritical fluid and their effect on the laser produced plasma / 이승택¹, 이주호¹, 김동연^{1, 3}, 윤건수^{*1, 2, 3} (¹포항공과대학교 물리학과, ²포항공과대학교 첨단원자력공학부, ³막스플랑크 한국/포스텍 연구소)

B13.03

Large AdS black holes from QFT / CHOI Sunjin^{*1}, KIM Joonho^{*2}, KIM Seok^{*1}, NAHMGONG June^{*1}
(¹Department of Physics and Astronomy & Center for Theoretical Physics, Seoul National University, ²School of Physics, Korea Institute for Advanced Study)

B14.09

Search for Dark Matter using Monojet signature under dark Higgs model / LEE Jongho¹, 문창성^{*1}, CREMONESI Matteo², DOGRA Sunil Manohar¹, HALL Allison Reinsvold², HOH Siewyan³, JAYATILAKA Bodhitha² (¹Department of Physics, Kyungpook Nation University, ²Fermi National Accelerator Lab, USA,
³Department of Physics and Astronomy, University of Padova, Italy)

C1.03

Study of the bottomonium production in pp, pPb and PbPb collisions at 5.02 TeV with CMS / 박재범^{*1} (¹고려대학교 물리학과)

C3.04

White Phosphor UV-LEDs using ZnO and ZnO-Graphene Oxide Quantum dots / KIM Hong Hee^{1, 2}, PARK Cheol-Min², PARK Dong Hee¹, CHOI Won Kook^{*1} (¹한국과학기술연구원 광전소재연구단, ²연세대학교 신소

재공학과)

C7.06

RIXS study of dd-excitations in Ca_2RuO_4 / KIM Hoon^{1,2}, KHALIULLIN Giniyat³, 김범준^{*1,2} (¹Department of Physics, Pohang University of Science and Technology, ²Center for Artificial Low Dimensional Electronic Systems, IBS, ³Max Planck Institute for Solid State Research, Germany)

C8.06

Atomistic origins of low-resistance indium metal contacts to MoS_2 : Beyond the energy band calculations / 김용훈^{*1}, 김태형¹ (¹한국과학기술원 전기전자공학부)

C11.06

Imaging the dynamics of engram in CA1 / 박혜윤^{*1}, 이병훈¹, 심재연¹, 문형석¹ (¹서울대학교 물리천문학부)

C13.02

A Resistivity of an Einstein-Maxwell-Scalar(s) model at finite temperature / 안용준^{*1}, 정현식¹, 김근영¹, NIU Chao² (¹광주과학기술원 물리광학과, ²지난대학교, 중국)

D3.03

Photon-Triggered Current Generation in Chemically-Synthesized Silicon Nanowires / 김정길², 김하림¹, 이후철¹, 김경호³, 황민수¹, 이정민¹, 정광용¹, 박홍규^{*1} (¹고려대학교 물리학과, ²Department of Chemistry, Johns Hopkins University, ³Department of Physics, Chungbuk National University)

D8.06

Strain-Induced Rotation of Nematic Ordering in Fe-based Superconductor $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$: Instability of Nematic State / 곽인호^{1,2}, 허순상^{1,2}, 이민철^{1,2}, 김윤식^{1,2}, 이범주^{1,2}, WOLF Thomas³, 박병철^{1,2}, 김창영^{1,2}, 노태원^{*1,2}, 김경완^{*4} (¹Center for Correlated Electron Systems, IBS, ²Department of Physics and Astronomy, Seoul National University, ³Institute of Solid State Physics, Karlsruhe Institute of Technology, Germany, ⁴Department of Physics, Chungbuk National University)

D9.02

Optoelectronic Properties with Excitonic Behaviors in Hybrid Perovskite Crystal / 정혜리¹, NGUYEN Trang Thi Thu¹, 윤석현¹, 조영찬², 김재훈², 배성민³, 김용훈³, YULDASHEV Shavkat⁴, BARI Maryam⁵, YE Zuo-Guang⁵, 조월렴^{*1} (¹이화여자대학교 물리학과, ²연세대학교 물리학과,

³한국과학기술원 전기및전자공학부, ⁴동국대학교 양자기능반도체연구센터, ⁵Department of Chemistry, Simon Fraser University, Canada)

D11.07

Observation of the immuno-oncology protein PD-1 and PD-L1 interaction at the single-molecule scale / 은지승¹, 이대희², 윤태영*¹ (¹서울대학교 생명과학부, ²Proteina Co. Ltd)

D14.06

Beam commissioning of the downstream charged veto detector for the KOTO experiment at J-PARC / 김홍민*¹, 김은주¹, 박정우¹, 임계엽², 안정근³, 최재민³ (¹전북대학교 과학교육학과, ²KEK, IPNS, Japan ³고려대학교 물리학과)

D15.01

Observation of Toroidal pseudo-spin texture in a Nodal line semimetal SrAs₃ / 김준성*^{1, 2}, KIM Hoil^{1, 2}, JANG Bo Gyu³, OK Jong Mok^{1, 2}, KWON Chang Il^{1, 2}, CHOI Eun Sang⁴, JO Youn Jung⁵, KANG Woun⁶, KOHAMA Yoshimitsu⁷, SHIM Ji Hoon³ (¹Center for Artificial Low Dimensional Electronic Systems, IBS, ²Department of Physics, Pohang University of Science and Technology, ³Department of Chemistry, Pohang University of Science and Technology, ⁴National High Magnetic Field Laboratory, Florida State University, USA, ⁵Department of Physics, Kyungpook National University, ⁶Department of Physics, Ewha Womans University, ⁷ISSP, The University of Tokyo, Japan)

E3.01

Light momentum & air pressure assisted nano-droplets generator / 이현우¹, 오경환*¹ (¹연세대학교 물리학과)

E5.04

나노 입자 자기조립을 통한 비자연적 고굴절률 구현 / 유도영¹, 김광진¹, 허지혁¹, 이승우*¹ (¹고려대학교 KU-KIST 융합대학원)

E6.01

Anderson localization of massless pseudospin-1 Dirac particles in a one-dimensional correlated random potential / 김슬옹¹, 김기홍*¹ (¹아주대학교 물리학과)

E8.03

Novel 2D RuO₂ oxide design / 이재광*¹, 정성엽¹ (¹부산대학교 물리학과)

E9.03

Organo-compatible superhydrophobic protecting layer for organic field effect transistors /

유대경¹, 김영록¹, 민미숙¹, AHN Geun Ho², LIEN Der-Hsien², 장진곤¹, 정현학¹, 송영걸¹, 정승준³, JAVEY Ali², 이택희*¹ (¹ 서울대학교 물리학과, ²UC Berkeley, USA, ³Korea Institute of Science and Technology)

E15.03

Topological phases with emergent chiral spin states on the kagome lattice at 1/3 filling / KIM

Hee Seung¹, MISHRA Archana¹, LEE SungBin*¹ (¹ 한국과학기술원 물리학과)

F3.02

Effects of Surface Oxidation on Electronic Structures of Transition Metal Dichalcogenides /

김민주¹, 신동근¹, 박지홍¹, 양재현¹, 이현복*², 이연진*¹ (¹ 연세대학교 물리학과, ² 강원대학교 물리학과)

F3.06

대면적 MoS₂ 기반 전계 효과 트랜지스터를 활용한 AMOLED Pixel 회로 구현 / 조현민¹,

권혁재¹, 임성일*¹ (¹ 연세대학교 물리학과)

F8.05

First-principles studies of nonlinear flexoelectric effect in corrugated two dimensional materials / 진영록¹, 전세라¹, 이재광*¹ (¹ 부산대학교 물리학과)

F8.08

Adsorption of carbon dioxide driven by selective energy transfer through resonance frequency / 최민¹, 박노정*¹ (¹ 울산과학기술원 자연과학부)

G1.03

전열 교정을 통한 흑연 열량계의 유효 비열(effective specific heat) 측정 / 박가영^{1,2}, 김병철*¹,

김현철² (¹ 한국표준과학연구원 방사선표준센터, ² 인하대학교 물리학과)

G1.06

Development of a new trigger counter array with multiple MPPC readouts for J-PARC hadron experiments / 정우승^{1,2}, 안정근*^{1,2} (¹ 고려대학교 물리학과, ²for the J-PARC E42/45/72

collaboration)

G3.03

VIS-UV resonance Raman scattering study of chemical SERS effect / 김자영¹, GLIER Tomke E.², LEBSANFT Benjamin Grimm², BUCHENAU Sören², TEUBNER Melissa², BIEBL Florian², 김남중³, 김희훈³, 이규철³, RübHAUSEN Michael², 윤석현^{*1} (¹이화여자대학교 물리학과, ²Institut für Nanostrukturforschung, Center for Free Electron Laser Science, Universität Hamburg, Germany, ³서울대학교 물리천문학과)

G3.06

Aromatic molecules on transition metal surfaces: chemical analysis of adsorption / 정석민^{*1}, 박가람¹ (¹전북대학교 물리학과)

G4.01

When modern physics meets nature of science: Investigating new physics textbooks' representation of nature of science in general relativity using family resemblance approach / PARK Wonyong^{*1}, YANG Seungran², SONG Jinwoong² (¹Department of Education, University of Oxford, UK, ²Department of Physics Education, Seoul National University)

G4.03

A Text Analysis of International Studies on Physics Education : Focused on Semantic Network Analysis and Latent Dirichlet Allocation Topic Modeling Methods using Python / 이준행¹, 지영래², 채승철^{*1} (¹서울대학교 물리교육과, ²한국교육과정평가원)

G8.03

Unconventional Stability of Sub-loop Behavior for Analog Device in Ferroelectric HfO₂ / 채승철^{*1}, 이경준¹ (¹서울대학교 물리교육과)

G10.04

Rodlike Counterions near Charged Cylinders: Counterion Condensation and Intercylinder Interaction / 김용운^{*1, 2}, 차민령¹, 노승한² (¹한국과학기술원 나노과학기술대학원, ²한국과학기술원 물리학과)

G11.02

Kibble-Zurek universality in a strongly interacting Fermi superfluid / 고범석^{1, 2}, 이규환^{1, 2}, 박지우^{*1}, 신용일^{*1, 2} (¹서울대학교 물리천문학부, ²Center for Correlated Electron Systems, Institute for Basic Science)

H1.02

Recombination Processes of All Inorganic Halide Perovskite : CsPbBr₃ Single Crystal /

류홍선¹, MCCALL Kyle², KANATZIDIS Mercuri², 장준익*¹ (¹Department of Physics, Sogang University, ²Department of Chemistry, Northwestern University, USA)

H1.04

Numerical study of spin-polarized transport of electrons in a quasi-1D wire with Rashba dots

/ 박대한¹, 김희상¹, 김남미*¹ (¹ 숭실대학교 물리학과)

H3.04

Rapid antibiotic susceptible test by measuring bacterial growth in real-time / 유경화*^{1, 2}, LEE

Kyo-Seok¹, SONG Jun Ho¹, LEE Sun-Mi^{1, 2}, OH Jaseung³, PARK In Ho^{4, 5}, LIM Kook Jin^{2, 3}, SHIN Jeon-Soo^{2, 4, 5} (¹Department of Physics, Yonsei University, ²Nanomedical Graduate Program, Yonsei University, ³Proteomtech Inc., ⁴Department of Microbiology, Yonsei University College of Medicine, ⁵Severance Biomedical Science Institute and Institute for Immunology and Immunological Diseases, Yonsei University College of Medicine)

H4.01

리튬이온 이차전지 음극용 산화주석/그래핀 나노복합소재 합성 / 김미리¹, 김기출*¹ (¹ 목원대학교 신소재화학공학과)

H5.05

Kramers-Kronig digital holographic microscopy / 백윤석^{1, 2}, 이겨레^{1, 2}, 신승우^{1, 2}, 박용근*^{1, 2}
(¹ 한국과학기술원 물리학과, ² 한국과학기술원 KI 헬스사이언스 센터)

H7.02

Magnetic-field-induced superconductor-to-insulator transition in the thickness controlled cuprate thin films / 양찬호*¹, 장한별¹ (¹ 한국과학기술원 물리학과)

H8.04

3D-mapping of grains and strains in polycrystalline specimen using X-ray microdiffraction / WI Sangwon¹, CHUNG Jin-Seok*¹ (¹ 숭실대학교 물리학과)

H10.01

Shift of synchronized frequency of coupled oscillators induced by asymmetric dynamic interaction / 양성규¹, 홍현숙², 김범준*¹ (¹ 성균관대학교 물리학과, ² 전북대학교 물리학과)

H11.02

State Tomography of Superconducting Multi-Qubits in Circuit QED / CHOI Gahyun^{1, 2}, NOH Taewan^{1, 3}, PARK Gwanyeol^{1, 4}, CHOI Jisoo^{1, 4}, PARK Kibog², LEE Soon-Gul⁴, LEE Kwan-Woo⁴, SONG Woon¹, CHONG Yonuk^{*1, 5} (¹Korea Research Institute of Standards and Science, ²Department of Physics, Ulsan National Institute of Science and Technology, ³Department of Physics and Astronomy, Northwestern University, USA, ⁴Department of Applied Physics, Korea University, ⁵Science of Measurement, University of Science and Technology)

H12.09

Analysis upgrade for AMoRE-Pilot runs / 김용함^{*1}, 권도형^{1, 2}, 김한범^{1, 3}, 우경래^{1, 2}
(¹ 기초과학연구원, ² 과학기술연합대학원대학교, ³ 서울대학교)

H13.01

Drell-Yan differential cross section measurement at 13 TeV / LEE Kyeongpil^{*1}, PAI Dalmin¹, YOO Hwidong^{*1} (¹ 서울대학교 물리학과)

H14.04

On-orbit performance and charge measurement on the ISS-CREAM SCD / 최광호¹, 이직², 정수민¹, 타케이시류지¹, 김상우¹, 박일흥^{*1} (¹성균관대학교 물리학과, ²경북대학교 물리학과)

H15.06

Topological d+s wave superconductors in a multi-orbital quadratic band touching system / SIM Gi Baik¹, MISHRA Archana¹, PARK Moon Jip¹, KIM Yong Baek^{2, 3}, CHO Gil Young^{3, 4}, LEE Sung Bin^{*1} (¹Department of Physics, Korea Advanced Institute of Science and Technology, ²Department of Physics and Centre for Quantum Materials, University of Toronto, Canada, ³School of Physics, Korea Institute for Advanced Study, ⁴Department of Physics, POSTECH)

I1.05

Physics of band offsets at Cu(In,Ga)Se₂/Zn(O,S) interfaces with variable elemental ratio / 김주란¹, 김자영¹, 고은지¹, 박하경¹, 윤석현¹, 조대형², 정용덕², 조윤희^{*1} (¹이화여자대학교 물리학과, ²한국전자통신연구원)

I2.01

2D dimensional van der Waals heterojunction diode for Multiband photo detection / 안종태¹, 최현태¹, 황도경^{*1} (¹ 한국과학기술연구원 차세대 반도체 연구소, 광전소재연구단)

I2.05

Development of Backward Diode with Few-layer ReS₂/MoTe₂ Heterostructure / 박철호^{1,2}, 이주찬¹, 방승호^{1,2}, DUONG Ngoc Thanh^{1,2}, 정문석^{1,2} (¹Department of Energy Science, Sungkyunkwan University, ²Center for Integrated Nanostructure Physics, IBS, Sungkyunkwan University)

I3.01

Atomic-Resolution TEM Imaging of Phosphorene Protected by Graphene / 이양진^{1,2}, 윤준영^{1,2}, 정후영³, 김관표^{1,2} (¹Department of Physics, Yonsei University, ²Center for Nanomedicine, IBS, ³UNIST Central Research Facilities, UNIST)

I4.01

Trap-Assisted High Photoresponsivity of a Phototransistor using Bi-Layer MoSe₂ Grown by Molecular Beam Epitaxy / 최윤호¹, 정재훈¹, 권기현¹, 김현식¹, 조만호¹ (¹연세대학교 물리학과)

I5.04

Helical transport in coupled resonator waveguides / 한정연^{1,2} (¹기초과학연구원 복잡계이론물리연구단, ²과학기술연합대학원대학교, 기초과학전공)

I6.04

Strong polarization of weakly interacting arbitrary nuclear spin using nitrogen-vacancy center in diamond / 윤지원¹, 김기호¹, 김도헌¹ (¹서울대학교 물리천문학부)

I6.05

Machine Learning Approach for Efficient Spectral Decomposition of Spin Resonance and Nuclear Spin Detection in Diamond / 정경훈¹, 오현석¹, 윤지원¹, 김기호¹, 김도헌¹ (¹서울대학교 물리천문학부)

I8.02

Thickness Distribution of the Electrocatalytic Activity Sites in Epitaxial La_{1-x}Sr_xMnO₃ Thin Films / LEE Jegon¹, LEE Sang A¹, LEE Suyoun², CHOI Taekjib³, LEE Jun Hee⁴, CHOI Woo Seok¹ (¹Department of Physics, Sungkyunkwan University, ²Electronic Materials Research Center, Korea Institute of Science and Technology, ³Hybrid Materials Research Center, Department of Nanotechnology and Advanced Materials Engineering, ⁴School of Energy and Chemical Engineering, Ulsan National Institute of Science and Technology)

I12.09

Lowering the analysis threshold and a revised background assessment for the COSINE-100 experiment / ADHIKARI Govinda^{*1} (¹ 세종대학교 물리학과)

I13.04

Reducing the beam dynamics systematic errors for the Muon g-2 experiment at Fermilab / 김온^{*1, 2}, HACIOMEROGLU Selcuk², 장승표^{1, 2}, 최지훈², SEMERTZIDIS Yannis K^{1, 2} (¹ 한국과학기술원 물리학과, ² 기초과학연구원)

I14.01

Lyman Alpha Blobs and Monte Carlo Imaging Polarimetry of Ly- α / CHANG Seok-Jun^{*1}, LEE Hee-Won^{*1}, YANG Yujin² (¹Department of Physics and Astronomy, Sejong University, ²Korean Astronomy and Space Science Institute)