<2020 가을 학술논문발표회 우수발표상 수상명단(구두발표부문)>

* 총 70건

A1.09

Searching for Boosted Dark Matter mediated by a new Gauge Boson / CHO Wonsub [*1], CHOI Ki-young [1], YOO Seong Moon [1] ([1]Department of Physics, Sungkyunkwan University)

A2.07

Search for Supersymmetry with Compressed Mass Spectrum in the Vector Boson Fusion Topology with 0-lepton Final State at 13 TeV / LEE Jason Sang Hun[*1], PARK Kyungmin [1], PARK Inkyu [1] ([1]Department of Physics, University of Seoul)

A2.08

The measurement of forward-backward asymmetry in Drell-Yan with single b-jet events at LHC / YANG Un-ki [*1], JUN Won [1], SEO HyonSan [1] ([1]Department of physics and astronomy, Seoul National University)

A3.04

고해상도 TOF (Time of Flight) 중성자 실험을 위한 단일 번치 빔 생성 방법 연구 / MOON SeokHo [1], KWAK Donghyun [1], JEONG Junyeong [1], CHUNG Moses [*1], CHAE GilByung [2] ([1]Department of Physics, UNIST, [2]Department of Nuclear Physics Application Research, KAERI)

A8.02

Proposals to detect Bogoliubov Fermi surfaces / OH Hanbit [1], MOON Eun-Gook [*1] ([1]physics, KAIST)

A10.01

Surface Treatment and Passivation of Resistively Switchable SnO_2 Thin Films under Different Ambient Conditions / KIM Jihyun [1], KIM Yeon Soo[1], JUNG Hye Ri[1], JO William [*1] ([1]Department of Physics, Ewha Womans University)

A10.05

Nanorod-shaped SiO_x Memristor for Stochastic Artificial Neuron and Computing Application / CHOI Sanghyeon [1], KIM Gwang Su [1,2], CHO Haein [1], YANG Jehyeon [1], KANG Chong-Yun [1,2], WANG Gunuk [*1] ([1]KU-KIST Graduate School of Converging Science and Technology, Korea University, [2]Center for Electronic Materials, KIST)

A12.04

Relationship between transmission of Malaria and Climate change in Africa / LEE Jae Woo [*1], MAFWELE Biseko Juma[1] ([1]Inha University)

B2.01

Search for resonant new phenomena in high-mass dilepton final states at $\sqrt{s}$ = 13TeV with CMS / OH Minseok [*1], YOO Hwidong [*2] ([1]Department of Physics, Seoul National University, [2]Department of Physics, Yonsei University)

B2.02

Search for Z′ bosons decaying into tau pairs in bottom fermion fusion process / LEE Jason Sang Hun[*1], PARK Inkyu [*1], ROH Youn Jung [1], WATSON Ian James[1], KANG Dayoung [1] ([1]Department of Physics, University of Seoul)

B2.07

Search for long-lived particles using HCAL timing at CMS / YOO Jae Hyeok [*1], PADMANABA Jayashri [1] ([1]Physics, Korea University)

B3.03

Development of an active-target TPC demonstrator for the study of $^{12}C(\alpha, \gamma)^{16}O$ reaction in stellar nucleosynthesis / KIM Shin Hyung [1], AHN Jung Keun [*1] ([1]Korea University)

B3.06

Ξ_c^0 and Ξ_c^+ production in pp collisions at 13 TeV / SEO Jinjoo [*1] ([1]Dept. of Physics, Inha University)

B8.04

Quantum geometric characterization of anomalous Landau levels of isolated flat bands / HWANG Yoonseok [1,2,3], RHIM Jun-Won [1,2], YANG Bohm Jung [*1,2,3] ([1]Center for Correlated Electron Systems (CCES), Institute for Basis Science (IBS), [2]Department of Physics and Astronomy, Seoul National University, [3]Center for Theoretical Physics (CTP), Seoul National University)

B10.05

Electrical detection of the inverse Edelstein effect on the surface of SmB_6 / KIM Jehyun [1], JANG Chaun [2], WANG Xiangfeng [3], PAGLIONE Johnpierre [3], HONG Seokmin [2], SAYED Shehrin [4], CHUN Dongwon [5], KIM Dohun [*1] ([1]Department of Physics and Astronomy, Seoul National University, [2]Center for spintronics, KIST, [3]Maryland Quantum Materials Center, Department of Physics, University of Maryland, [4]Electrical Engineering and Computer Science, UC Berkeley, [5]Advanced Analysis Center,

KIST)

B11.03

Three individual control of singlet-triplet qubits in a micromagnet integrated quantum dot array / JANG Wonjin [1], CHO Min-Kyun [1], KIM Jehyun [1], CHUNG Hwanchul [2], UMANSKY Vladimir [3], KIM Dohun [*1] ([1]Department of Physics and Astronomy, Seoul National University, [2]Department of Physics, Pusan National University, [3]Department of Condensed Matter Physics, Weizmann Institute of Science)

B11.06

Time-bin qubit entanglement distribution over a wavelength-multiplexing quantum network / KIM Jin-Hun [*1], CHAE Jin-Woo [1], JEONG Youn-Chang [2], KIM Yoon-Ho [1] ([1]Physics, POSTECH, [2]연구부서, The affiliated institute of ETRI)

B12.01

Numerical simulation approaches for stochastic epidemic model under the self-isolation / CHOI Kwangjong [1], CHOI Hoyun [1], KAHNG Byungnam [*1] ([1]Department of Physics and Astronomy, Seoul National University)

C3.06 [10:00 - 10:12]

The K_1 meson abundance in relativistic heavy-ion collisions / SUNG Haesom [1], HONG Juhee [1], CHO Sungtae [2], SONG Taesoo [3], LEE Su Houng [*1] ([1]Yonsei University, [2]The Department of Science Education, Kangwon National University, [3]Theory Department, GSI Helmholtzzentrum)

C7.03

Thickness dependence of electrocatalytic activity in epitaxial $La_{0.7}Sr_{0.3}MnO_3$ thin films / LEE Jegon [1], ADIGA Prajwal [2], LEE Sang A [3], STOERZINGER Kelsey A.[2], CHOI Woo Seok [*1] ([1]Physics, Sungkyunkwan University, [2]School of Chemical, Biological and Environmental Engineering, Oregon State University, [3]Department of Physics, Pukyong National University)

C8.03

Resonance Raman Scattering Studies of localized spin excitation in hexagonal $LuMnO_3$ / YANG In-Sang [*1], KIM Seung [1], NAM Jiyeon [1], WANG Yazhong [2], CHEONG Sang-Wook [2] ([1]Ewha Womans University, [2]Rutgers Center for Emergent Materials and Department of Physics and Astronomy, Rutgers University)

C8.06

Observation of unconventional anomalous Hall effect at compensated $Mn_{2.3}Pd_{0.7}Ga$ thin film / CHOI Won-Young [1], YOO Woosuk [1], JUNG Myung Hwa [*1] ([1]Sogang University)

C12.07

The spatial transition of urban retail areas in Hongdae revealed through online SNS data: in perspective of complex network. / CHEON SangHyun [*1], LEE Minjin [2], KIM Hangil [3] ([1]Urban Planning, Hongik University, [2]Department of Energy Science, Sungkyunkwan University, [3]Graduate School of Environmental Studies, Seoul National University)

C14.06

자기유체역학 코드를 이용한 고전압 펄스전원장치의 엑스 핀치(X-pinch) 플라즈마 전산모사 Numerical Study of X pinch plasmas evolution on pulsed power generator using MHD Simulation / BYUN Sangmin [1], NA Yong-Su [*1], CHUNG Kyoung-Jae [1], KIM Deok-Kyu [2], LEE Chanyooung [1], HAM Seunggi [1], RYU Jonghyeon [1] ([1]Seoul National University, [2]Technology Research Center, Agency for Defense Development)

C15.03

High-contrast, Intense Single-cycle Pulses from multiple-plates in a Double-stage Configuration / KIM Dong Eon [*1,2], SEO Meenkyo [1,2], TSENDSUREN Khurelbaatar [1,2], MITRA Sambit [3,4], KLING Matthias [3,4] ([1]Physics Department, POSTECH, [2]Attosecond Science, Max Planck Center for Attosecond Science,[3]Quantum optics, Max Planck Institute of Quantum optics,[4]Physics Department, Ludwig Maximilian University of Munich, Germany)

C15.07

Temporal contrast measurement using tunneling ionization / KIM Kyung Taec [*1,2], CHO Wosik [1,2] ([1]Department of Physics and Photon Science, GIST, [2]Center for Relativistic Laser Science, Institute for Basic Science)

C18.01

Multi-level switching mechanism of resistive memory device based on SiO_2 nanoparticle-decorated TiO_x / KWON Sera [1], KIM Min-Jung [1], CHUNG Kwun Bum [*1] ([1]Division of Physics and Semiconductor Science, Dongguk University)

D2.04

Alpha Background Modeling for AMoRE-Pilot Experiment / SARI Mona Berlian[*1,2], JEON Eunju [1], KIM Hong Joo[3], DJAMAL Mitra [1] ([1]Center for Underground Physics, IBS, [2]Department of Physics,

Bandung Institute of Technology, [3]Department of Physics, Kyungpook National University)

D4.02

Preliminary analysis on energies and arrival directions of UHECRs detected by TAx4 Surface Detectors / JEONG Hyomin [1,2], PARK IL Hung [*1,2], LEE Kwangho [1,2], KIM Sangwoo [1,2], KIM Minhyo [1,2], FUJISUE Kozo [4], KIDO Eiji [5], YANG Jongman [2], CHEON Byeonggu [3], KIM Hangbae [3], SAGAWA Hiroyuki [4] ([1]Physics, Sungkyunkwan University, [2]Cooperation center for Cosmic Ray Research, Sungkyunkwan University, [3]Physics, Hanyang University, [4]International Cosmic Ray Research, The University of Tokyo, [5]Astrophysical Big Bang Laboratory, RIKEN)

D8.02

Non-Fermi Liquids in Conducting 2D Networks / LEE Jongjun Michael[1], OSHIKAWA Masaki [2], CHO Gil Young [*1] ([1]Department of Physics, POSTECH, [2]Institute for Solid State Physics, The University of Tokyo)

D12.03

The effect of media on opinion formation model / LEE Woosub [*1], YANG Seong-Gyu [1], KIM Beom Jun [1] ([1]Sungkyunkwan University)

D12.07

Machine learning approaches for the nonlinear dynamics / SONG Je Ung [1], CHOI Kwangjong [1], KAHNG Byungnam [*1] ([1]Department of Physics and Astronomy, Seoul National University)

D18.01

기계적 에너지 수확을위한 마이크로 아키텍처 마찰전기 필름으로 향상된 전기 출력 특성 / GRAHAM Sontyana Adonijah [2], HARISHKUMARREDDY Patnam [2], PUNNARAO Manchi [2], YU Jae Su [*1,2] ([1]Department of Electronic Engineering, Kyung Hee University, [2]Department of Electronics and Information Convergence Electronics, Kyung Hee University)

D18.04

Core-shell MnO_2 deposited one-dimensional porous silicon nanowire electrodes for high performance supercapacitors / BAGAL Indrajit V.[1], RYU Sang Wan [*1] ([1]Department of Physics, Chonnam National University)

E2.10

Pole-skipping of scalar and vector fields in hyperbolic space: conformal blocks and holography / KIM Keun Young [*1], AHN Yongjun [1], JAHNKE Viktor [1], JEONG Hyun-Sik [1], LEE Kyung-Sun [1], NISHIDA

Mitsuhiro [1] ([1]Physics, GIST)

E4.03

카그라 MCMC 모수 추정 파이프라인을 이용한 블랙홀 쌍성의 물리량 추정 / JEON Chaeyeon [1], KIM Chunglee [*1], LEE Hyungwon [2], KIM Jeongcho [2], HIDEYUKI Tagoshi [3] ([1]Department of Physics, Ewha Womans University, [2]Department of Dron IoT Simulation, Inje University, [3]Institute for Cosmic Ray Research, University of Tokyo)

E7.02

Polarized x-ray resonant scattering from the chiral structures of the electric quadrupole moments / LEE Dong Ryeol [*1], KIM Kook Tae [1], KEE Jung Yun [1], PARK Se Young [1] ([1]Department of Physics, Soongsil University)

E8.06

Defect engineering of magnetic phase of $EuTiO_3$ epitaxial thin films / SHIN Dongwon [1], KIM Inseo [2], SONG Sehwan [3], PARK Sungkyun [3], CHOI Minseok [2], CHOI Woo Seok [*1] ([1]Physics, Sungkyunkwan University, [2]Department of Physics, Inha University, [3]Department of Physics, Pusan University)

E11.02

Impact of Rashba and Polaronic Effects on the Luminescence Properties of $APbBr_3$ (A=Cs, CH_3NH_3) Perovskite Single Crystals / RYU Hongsun [1], MCCALL Kyle [2], PARK Dae Young [3], JEONG Mun Seok [3], KANATZIDIS Mercouri [2], JANG Joon Ik [*1] ([1]Physics, Sogang University, [2]Chemistry, Northwestern University, [3]Energy science, Sungkyunkwan University)

E12.07

Crossover from a quantum to a classical DP transition in dissipative quantum systems / JO Minjae [1], CHOI Kwangjong [1], KAHNG Byungnam [*1] ([1]Department of Physics and Astronomy, Seoul National University)

E14.02

A gyrofluid model for the plasma parallel dynamics with poloidally inhomogeneous sources / LEE Younghoon [*1], KWON Jae-Min [2], JHANG Hogun [2], KIM S.S. [2], LEE Jungpyo [1] ([1]Department of nuclear engineering, Hanyang University, [2]Department of physics, NFRI)

E18.01

Size-dependent electronic transitions and shape anisotropy on optical properties of CdSe

quantum dots / KIM Sung Hun [1], MAN Minh Tan [2,3], LEE Joong Wook [4], PARK Kyoung-Duck [5], LEE Hong Seok [*1] ([1]Department of Physics, Jeonbuk National University, [2]Institute of Theoretical and Applied Research, Duy Tan University, [3]Faculty of Natural Sciences, Duy Tan University, [4]Department of Physics, Chonnam National University, [5]Department of Physics, UNIST)

E19.05

TonEBP recognizes R-loops and initiates m6A RNA methylation for R-loop resolution / CHEON Na Young [1], KANG Hyun Je [1], MYUNG Kyungjae [1], KWON Hyug Moo [1,2], LEE Ja Yil [*1,2] ([1]School of Life Sciences, UNIST, [2]Center of Genomic Integrity, IBS)

F1.08

Search for invisible axion dark matter with a multiple-cell haloscope / JEONG Junu [1,2], YOUN Sungwoo [2], BAE Sungjae [1,2], SEONG Taehyeon [2], KIM Jihn E[3], SEMERTZIDIS Yannis Kyriakos[*1,2] ([1]Physics, KAIST, [2]Center for Axion and Precision Physics Research, Institute for Basic Science, [3]Department of Physics, Kyung Hee University)

F2.09

R-Parity Violating Supersymmetry event classification using Convolutional Neural Network with Large Scale Deep Learning / AN Soyun [1], BAE DongSung [2], GOH Junghwan [*2], MOON Chang-Seong [*1], KIM Jiwoong [1], KIM SungWon [3], KIM Tongil [3], LEE Seunghwan [2], YOO Changhyun [2], YOO Hwidong [3] ([1]Department of Physics, Kyungpook National University, [2]Department of Physics, Kyung Hee University, [3]Department of Physics, Yonsei University)

F6.07

Electron spin resonance of a single atom in vector magnetic fields / KIM Jinkyung [1,2], BUI Hong Thi[1,2], JANG Won-jun [3], LEE Soonhyeong [1,2], KRYLOV Denis [1,2], CHOI Deung-jang [4], WOLF Christoph [1,2], HEINRICH Andreas [1,2], BAE Yujeong [*1,2] ([1]Center for Quantum Nanoscience, IBS, [2]Department of Physics, Ewha Womans University, [3]Nano Electronics, Samsung Advanced Institute of Technology, [4]Institut de Physique et Chimie des Mate´riaux de Strasbourg, Universite´ de Strasbourg)

F7.06

Electronic band structure at the Au/Perovskite interface via photoemission spectroscopies / SEO Jung Hwa [*1], KANG Juhwan [1] ([1]physics, Dong-A University)

F8.02

Neural network interatomic potential for (B,N)/Pt(111) surface system / YEO Kangmo [1], PARK

Karam [1], JEONG Sukmin [*1] ([1]Department of Physics, Jeonbuk National University)

F9.04

Laser-induced crystalline-phase transformation for hematite nanorod photoelectrochemical cells / KONG Heejung [1], YEO Junyeob [*1] ([1]Department of Physics, Kyungpook National University)

F10.04

Atomic-Layer-Confined Multiple Quantum Wells Enabled by Monolithic Bandgap Engineering of Transition Metal Dichalcogenides / KIM Yoon Seok [1], KANG Sojung [2], SO Jae-Pil [3], KIM Jong Chan [4], KIM Kangwon [5], YANG Seunghoon [1], JUNG Yeonjoon [6], SHIN Yongjun [6], LEE Seongwon [4], LEE Donghun [1], PARK Jin-Woo [2], CHEONG Hyeonsik [5], JEONG Hu Young [7], PARK Hong-Gyu [1,3], LEE Gwan-Hyoung [6,8,9,10], LEE Chul-Ho [*1] ([1]Korea University, [2]Department of Materials Science and Engineering, Yonsei University, [3]Department of Physics, Korea University, [4]School of Materials Science and Engineering, UNIST, [5]Department of Physics, Sogang University, [6]Department of Materials Science and Engineering, Seoul National University, [7]UNIST Central Research Facilities (UCRF), UNIST, [8]Research Institute of Advanced Materials (RIAM), Seoul National University, [9]Institute of Engineering Research, Seoul National University, [10]Institute of Applied Physics, Seoul National University)

F12.05

Membrane fluctuations encapsulating active matters / GRANICK Steve [*1,2,3], PARK Myeonggon [1,2] ([1]Center for Soft and Living Matter, IBS, [2]Department of Physics, UNIST, [3]Department of Chemistry, UNIST)

F16.07

Single-site Resolving 7Li Quantum Gas Microscope / CHOI Jae Yoon [*1], KWON Kiryang [1], KIM Kyungtae [1], HUH SeungJung [1], HUR Junhyeok [1] ([1]Physics Department, KAIST)

F18.02

An Epitaxially Separated GaN Thin Film As An Alternative to A Free-Standing GaN Thick Film / KIM Donghoi [2], JANG Dongsoo [1], LEE Hyunkyu [2], KIM Jayeong [3], JANG Yujin [3], YOON Seokhyun [3], KIM Chinkyo [*1,2] ([1]Dept. of Physics, Kyung Hee University, [2]Dept. of Information Display, Kyung Hee University, [3]Dept. of Physics, Ewha Womans University)

F18.05

Observation of cavity modes in GaN equilateral triangular structure / SUNG Chan Young [1], SONG Hyun Gyu [1], CHO Yong Hoon [*1] ([1]Department of Physics, KAIST)

G2.09

Simulation study on position and angular resolution of the dual-readout calorimeter / EO Yun [1], HA Seungkyu [1], HWANG Kyuyeong [1], KIM Bobae [2], KIM Doyeong [3], KIM Minsoo [1], KO Sanghyun [4], LEE Jason [3], LEE Junghyun [2], LEE Sehwook [2], LEE Yunjae [3], RYU Minsang [3], WATSON Ian [3], YOO Hwidong [*1] ([1]Department of Physics, Yonsei University, [2]Department of Physics, Kyungpook National University, [3]Department of Physics, University of Seoul, [4]Department of Physics & Astronomy, Seoul National University)

G3.03

Electromagnetic Form Factor Analysis in 1+1 Dimension: Light-front Dynamics vs. Instant Form Dynamics / OH Yongseok [*1], CHOI Yongwoo [1], CHOI Ho-Meoyng [2], JI Chueng-Ryong [3] ([1]Department of Physics, Kyungpook National University, [2]Department of Physics, Teachers College, Kyungpook National University, [3]Department of Physics, North Carolina State University)

G6.03

Crystal structure identification of type-II red phosphorus / YOON Jun-Yeong [1], LEE Yangjin [1], OH Dong Gun [1], CHOE Jeongheon [1], KIM JinKyun [2], CHOI Young Jai [1], KIM Chae Un [2], MA Yanhang [3], KIM Kwanpyo [*1] ([1]Physics, Yonsei University, [2]Physics, UNIST, [3]School of Physical Science and Technology, ShanghaiTech University)

G7.03

X-ray-induced photo-current of non-stoichiometric Ga_2O_{3-X} Thin Films grown by powder sputtering method / CHOI Sukjune [2], OH Ho Jun [2], HA Sung Soo [3], HAM Daseul [4], CHA Su Yeon [1], LEE Su Yong [4], NOH Do Young [*2], KANG Hyon Chol [*1] ([1]Department of Materials Science and Engineering, Chosun University, [2]Department of Physics and Photon Science, GIST, [3]School of Materials Science and Engineering, GIST, [4]Pohang Accelerator Laboratory, POSTECH)

G8.02

Stabilization of metastable TiS_2 via alloying / LEE Jaekwang [*1], NGUYEN Phuong Lien [1] ([1]Pusan National University)

G10.01

Epitaxial Growth of Single-Crystalline Metal Films on Black Phosphorus / LEE Yangjin [1,2], KIM Han-gyu [1], YUN Tae Keun [1], KIM Jong Chan [3], LEE Sol [1,2], YANG Sung Jin [1], JANG Myeongjin [1,2], KIM Donggyu [1], RYU Huije [4], LEE Gwan-Hyoung [4,5], IM Seongil [1], JEONG Hu Young [3,6], CHOI Hyoung Joon [1], KIM Kwanpyo [*1,2] ([1]Physics, Yonsei University, [2]Center for Nanomedicine, Institute for Basic

Science, [3]School of Materials Science and Engineering, UNIST, [4]Materials Science and Engineering, Seoul National University, [5]Research Institute of Advanced Materials (RIAM), Institute of Engineering Research, Institute of Applied Physics, Seoul National University, [6]UNIST Central Research Facilities, UNIST)

G10.05

Out of plane growth of Bi_2O_2Se thin film for constructing functional van der Waals heterostructures / HONG Chengyun [2,1,3], LIU Xiaolong [3], KIM Ji-Hee [*2,1] ([1]Center for Integrated Nanostructure Physicsol of New Energy, Institute for Basic Science, [2]Department of Energy Science, Sungkyunkwan University, [3]School of New Energy, North China Electric Power University)

G10.08

Improving shielding effectiveness by designing of multiple porous thin metal layers at X-band frequency wave. / KWON Jisung [1], KIM Myung Ki [*1] ([1]Korea University)

G12.03

Pair Potential between Topological Defects of Spontaneously Twisted Liquid Crystals in a Cylindrical Cavity / ALMUKAMBETOVA Madina [1], JAVADI Arman [1], EUN Jonghee [1], JEONG Joonwoo [*1] ([1]Physics, UNIST)

G16.01

광통신 대역에 맞는 광자 생성을 위한 사광파 혼합 / MOON Han Seb [*1], JEONG Han Sol [1], PARK Jiho [1] ([1]Pusan National University)

G18.03

Coherent polarizaion of micro-photoluminescence in an anisotropic single quantum ring / KIM Minju [2], KYHM Kwangseuk [*1,2] ([1]Pusan National University, [2]cogno-mechatronics engineering, Pusan National University)

G18.05

The optical properties of PIN-AlGaAsSb Random alloy and Digital alloy on InP by Photoluminescence and Photoreflectance Spectroscopy / KIM Jong Su [*1], HA Jae Du [1], JO Hyun-Jun [1], LEE Seung Hyun [2], KRISHNA Sanjay [2], LEE Sang Jun [3] ([1]Yeungnam University, [2]Department of Electrical and Computer Engineering, The Ohio State University, [3]Micro & Smart Device Team, KRISS)

H1.07

Measurement of reactor neutrino flux and spectrum at RENO / YOON Seok-Gyeong [1], YOO

Jonghee [*1], YANG Byeongsu [1], JANG Jeeseung [2], LIM Intaek [4], KIM Baro [3], JOO Kyungkwang [3], KIM Jaeyool [3], MOON Dongho [3], JOHAAIB Atif [3], SHIN Changdong [3], KIM Soo-Bong [5], YU Intae [5], KWON Eunhyang [5], JUNG Daeun [5], SEO Jiwoong [5], JEON Sanghoon [5], KIM Jonggun [5], KIM Sangyong [6], SEO Hyunkwan [6], LEE Hyungi [6], JANG Hanil [7], PARK Myoung-Youl [8], CHOI Juneho [8], KIM Wooyoung [9] ([1]Physics, KAIST, [2]GIST College, GIST, [3]Department of Physics, Chonnam National University, [4]Department of Physics Education, Chonnam National University, [5]Department of Physics, Sungkyunkwan University, [6]Department of Physics and Astronomy, Seoul National University, [7]Department of Fire Safety, Seoyeong Univsersity, [8]Department of Radiology, Dongshin University, [9]Department of Physics, Kyungpook National University)

H2.08

Search for sub-millicharged particles at J-PARC / YOO Jae Hyeok [*1], KIM Jeong Hwa [1] ([1]Physics, Korea University)

H13.02

Bra-Ket Representation of Inertia Tensor / KIM U-Rae [2], KIM Dohyeon [2], LEE Jungil [*2] ([1]Korea University, [2]Department of Physics, Korea University)

H15.02

Emerging unnatural optical magnetism from DNA-guided metamolecules / HUH Ji-Hyeok [1], WANG Pengfei [2], LEE Jaewon [1], KIM Kwangjin [1], KE Yonggang [3], LEE Seungwoo [*1,4] ([1]Graduate School of Converging Sci & Tech & Dept. of Integrative Energy Engineering, Korea University, [2]Institute of Molecular Medicine (IMM), Renji Hospital, Shanghai Jiao Tong University School of Medicine, [3]Wallace H. Coulter Department of Biomedical Engineering, Georgia Institute of Technology and Emory University, [4]Department of Integrative Energy Engineering, Department of Biomicrosystem Technology, and KU Photonics Center, Korea University)