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(포스터발표 부문)

* 총 45건

P1-ap.114*

Impact of Quantum Confinement on Second Harmonic Generation in Ge-based 2D Ruddlesden-Popper Perovskite Series / LEE Kyeong-Hyeon[1], LIU Yang[2], JI Xiaoqin[2], MAO Lingling[2], JANG Joon Ik[*1] ([1]Department of Physics, Sogang University, [2]Department of Chemistry, Southern University of Science and Technology, China)

P1-ap.119*

Characterization of Atomically Thin HfX_2 (X=S, Se) by Using Low-Frequency Raman Spectroscopy / LY Chhor Yi[1,2], VONG Chenda[1], CHEONG Hyeonsik[*1], SRIV Tharith[2] ([1]Department of Physics, Sogang University, [2]Graduate Program in Physics, Royal University of Phnom Penh, Cambodia)

P1-ap.218*

Structural identification of $GeSe_{2-x}Te_x$ nanowires: interlayer twist and twinning / KIM Kwanpyo[*1], KIM Donggyu[1], KANG Hani[1], LEE Kihyun[1], LEE Yangjin[1], JUNG Joong-Eon[1], JANG MyeongJIn[1] ([1]Department of Physics, Yonsei University)

P1-at.003*

Quantum Kelvin-Helmholtz instability in a ferromagnetic superfluid / HWANG Samgyu[1], HUH Seungjung[1], YUN Gabin[1], CHOI Jae Yoon[*1] ([1]Department of Physics, KAIST)

P1-bp.106*

Visualizing PABPC1-mRNA Interaction: Investigating the Spatiotemporal Dynamics of Translation Initiation in Live Cells / SEOL Jincheol[1], KIM Byungju[2], PARK Yeonkyoung[3], KIM Yoon Ki[3], LEE Jong-Bong[*1,2] ([1]School of Interdisciplinary Bioscience & Bioengineering, POSTECH, [2]Department of Physics, POSTECH, [3]Creative Research Initiatives Center for Molecular Biology of Translation, KAIST)

P1-bp.121*

Super-Resolved Heterochromatin Structure During DNA Damage Response Revealed by CRISPR Imaging / KIM Hajin[*1,2], PARK Eui-Jin[1], CHAUDHARY Narendra[1,2], JEPSON Tyler[3], XU Ke[3], MYUNG Kyungjae[1,2] ([1]Department of Biomedical Engineering, UNIST, [2]Center for Genomic Integrity, IBS,

[3]Department of Chemistry, UC Berkeley, USA)

P1-bp.210*

Dynamic co-generation of interacting beta and gamma oscillations and their implication in neural communication / CHOI Jee Hyun[*1], KIM Jung-Young[1,2,3], BATTAGLIA Demian[3,4] ([1]KIST, [2]Bio and Brain engineering, KAIST, [3]Institute for Advanced Studies, University of Strasbourg, [4]Theoretical Neuroscience Group, Aix-Marseille Université, France)

P1-co.116*

Generation of ferromagnetism in $CaRuO_3/Sr_2RuO_4$ superlattices / HWANG Ji-min[1], LEE SANG A[1], HWANG Jae-Yeol[*1] ([1]Department of Physics, Pukyong National University)

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ARPES study on the ferromagnetic transition in 2H-$Mn_{1/3}TaS_2$ / PARK Kyoungree[1], RYU Hyejin[2], HWANG Choongyu[3], HWANG Jinwoong[*1] ([1]Department of Physics, Kangwon National University, [2]Center for Spintronics, KIST, [3]Department of Physics, Pusan National University)

P1-co.119*

Strong Charge-to-Spin Conversion at a Van der Waals Interface of Topological Insulator and Ferromagnet / KIM Jun Sung[*1], CHOI Gyuseung[1] ([1]Department of Physics, POSTECH)

P1-co.128*

Investigating Electron Properties of Dysprosium, Fe-Porphyrin Metal-Organic Coordination Networks on Au(111) and Ag(100) Surfaces / CHOI Dasom[*1,2], JEON Serim[1,2], SPREE Lukas Emanuel[2], URDANIZ Maria Corina[2], HOMMEL Caroline[2], WOLF Christoph[2], LUNGERICH Dominik[3], HEINRICH Andreas[1,2], COLAZZO Luciano[2] ([1]Department of Physics, Ewha Womans University, [2]IBS - Center for Quantum Nanoscience, Ewha Womans University, [3]Soft Organic Materials, In-Situ Electron Microscopy, Yonsei University)

P1-co.213*

X-ray micro-diffraction study of structural change in (1-x)$BaTiO_3$-x$CaZrO_3$ / SEO Jiwoo[1], WI Sang Won[1], LEE Yun Sang[1], CHUNG Jin Seok[*1] ([1]Department of Physics, Soongsil University)

P1-co.214*

Pulsed laser epitaxy of Mo(d^2)-doped SrRu(d^4)O_3 thin films / PRASETIYAWATI Rahma Dhani[1], LEE Taehee[1], PARK Tuson[1], CHOI Woo Seok[*1] ([1]Department of Physics, Sungkyunkwan University)

P1-co.219*

Optical study of a new kagome metal $Ni_3M_2S_2$ (M = In, Tl) / NAM Hyungwon[1], KIM Dong Wook[1], KIM Kwang-Tak[2], KIM Sangjin[2], KIM Kee Hoon[2], MOON Soonjae[*1] ([1]Department of Physics, Hanyang University, [2]Department of Physics and Astronomy, Seoul National University)

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Direct investigation of ultrafast melting process of Au with time resolved coherent X-ray diffraction imaging / HWANG Junha[1,2,3], IHM Yungok[3,4], NAM Daewoong[3,5], SHIN Jaeyong[3,5], PARK Eunyoung[1,2,3], LEE Sung Yun[1,2,3], LEE Heemin[1,2,3], HEO Seung Phil[1,2,3], KIM Sangsoo[5], AHN Je-Young[4], SHIM Jihoon[3,4], KIM Minseok[5], EOM Intae[3,5], SONG Changyong[*1,2,3] ([1]Department of Physics, POSTECH, [2]Center for Ultrafast Science on Quantum Matter, Max Planck POSTECH Korea Research Initiative, [3]Photon Science Center, POSTECH, [4]Department of Chemistry, POSTECH, [5]Beamline Division, Pohang Accelerator Laboratory)

P1-nu.011*

Feasibility study of K_1 measurement in pp collisions with ALICE / LIM Sanghoon[*1], JI Sujeong[1] ([1]Department of Physics, Pusan National University)

P1-pa.006*

Axion dark matter search around 23.5 μeV using a multi-cell microwave cavity and a flux-driven Josephson parametric amplifier / PARASHAR Pallavi[*1,2], AHN Saebyeok[2], BAE Sungjae[1,2], GKIKA Violeta[2], IVANOV Boris[2], JEONG Junu[2], LEE Soohyung[*2], UCHAIKIN Sergey V.[2], YOUN Sungwoo[2], VAN LOO Arjan F.[3,4], NAKAMURA Yasunobu[3,4], SEMERTZIDIS Yannis K.[1,2] ([1]Department of Physics, Korea Advanced Institute of Science and Technology, [2]Center for Axion and Precision Physics Research, IBS, [3]Center for Quantum Computing (RQC), RIKEN, [4]Department of Applied Physics, Graduate School of Engineering, The University of Tokyo, Japan)

P1-se.116*

Modification of localized surface plasmon resonance in liquid via conductive atomic force microscopy / PARK Kyoung-Duck[*1], MOON Taeyoung[1], KOO Yeonjeong[1], LEE Hyeongwoo[1] ([1]Department of Physics, POSTECH)

P1-se.120*

질화 붕소 중간 계면층 사용으로 암전류를 감소시켜 성능이 향상된 그래핀/실리콘 / SHIN Donghee[*2], 서민기[1] ([1]Department of Physics , Andong National University, [2]Department of Smart Sensors Engineering, Andong National University)

P1-se.201*

Deterministic control of electron density in atomically thin semiconductor / KIM Sujeong[1], LEE Hyeongwoo[1], EOM Seonhye[2], JI Gangseon[2], JOO Huitae[1], CHOI Soo Ho[3], KIM Ki Kang[3], PARK

Hyeong-Ryeol[2], PARK Kyoung-Duck[*1] ([1]Department of Physics, POSTECH, [2]Department of Physics, UNIST, [3]Center for Integrated Nanostructure Physics, Sungkyunkwan University)

P1-se.220*

Nonlinear Hall Effect in 2D Tellurene under Time-Reversal-Symmetric Conditions / KIM Giheon[1], BAHNG Jaeuk[2], KIM Youngkuk[3], LIM Seong Chu[*1,2] ([1]Department of Energy Science, Sungkyunkwan University, [2]Department of Smart Fabrication Technology, Sungkyunkwan University, [3]Department of Physics, Sungkyunkwan University)

P1-se.222*

Determining the twist angle of the moiré superlattice in 2D materials using polarized Raman spectroscopy / LEE Da Yong[1], SUH Hyeongchan[1], KIM Dong Hyeon[1,2], KIM Ji-hong[1], JEONG Mun Seok[*1] ([1]Department of Physics, Hanyang University, [2]Department of Energy Science, Sungkyunkwan University)

P2-ap.112*

Investigation of Ferroelectricity and Switching Dynamics of $Hf_{0.5}Zr_{0.5}O_2$ Thin Films Depending on Annealing Temperatures / YANG Sang Mo[*1], AN Sang Won[1], BAE Sung Bin[1], KIM Beom Jun[1], KIM Yoon Ki[1], JUNG Tae Hyun[1], KIM Jae Seung[1], LEE Jae Heon[1], LEE Sang Woo[1], PARK Yu Bin[1], KIM Hyun Jung[1], YOO Hyo Bin[1] ([1]Department of Physics, Sogang University)

P2-ap.203*

Raman Study of low frequency magnons in $NiPS_3$ / CHEONG Hyeonsik[*1], OH Siwon[1], NA Woongki[1], PARK Pyeongjae[2,3], KIM Junghyun[2], SCHEIE Allen[4], TENNANT David Alan[5], PARK Je-Geun[2] ([1]Department of Physics, Sogang University, [2]Department of Physics and Astronomy, Seoul National University, [3]Materials Science and Technology Division, Oak Ridge National Laboratory, USA, [4]MPA-Q, Los Alamos National Laboratory, USA, [5]Department of Physics and Astronomy, University of Tennessee, Knoxville, USA)

P2-ap.315*

Ion-gel gate induced molecular level modulation in mixed molecular vertical junctions / KIM Donguk[1], 이창준[1], SONG Minwoo[1], NAM Jongwoo[1], LEE Hyemin[1], LEE Takhee[*1] ([1]Department of Physics and Astronomy, Seoul National University)

P2-ap.321*

Hyper Raman scattering in two-dimensional halide perovskite $(C_6H_5C_2H_4NH_3)_2PbI_4$ under resonant two-photon excitation / JANG Joon Ik[*1], SHIN Seunghan[1] ([1]Department of Physics, Sogang University)

P2-ap.324*

Integration of In-situ Core/Shell Perovskite for Improved Photodetection Performance of MoS_2 photodetector / SIM Jinwoo[1], RYOO Sunggyu[1], KIM JooSung[2], JANG Juntae[1], LEE Tae-Woo[*2], LEE Takhee[*1] ([1]Department of Physics and Astronomy, Seoul National University, [2]Department of Materials Science and Engineering, Seoul National University)

P2-as.002*

Production and Test Results of the IceCube Upgrade Camera System / CHOI Seowon[*1], ROTT Carsten[1,2], TöNNIS Christoph[1], RODAN Steven Thomas[1], LEE Jiwoong[1], SEO Minyeong[1], SHIN Minji[1], KIM Yoonyoung[1] ([1]Department of Physics, Sungkyunkwan University, [2]Department of Physics and Astronomy, University of Utah, USA)

P2-at.005*

Laser frequency stabilization in the 10^{-14} Level by optimizing Modulation Transfer Spectroscopy on the ^{87}Rb D_2 Line / LEE Sang Bum[*1], LEE Sanglok[1,2], MOON Geol[2], PARK Sang Eon[1], HONG Hyun-Gue[1], LEE Jae Hoon[1], KWON Taeg Yong[1], SEO Sangwon[1] ([1]Center for Time and Frequency, KRISS, [2]Department of Physics, Chonnam National University)

P2-at.007*

Photon-counting heterodyne spectroscopy of a superradiant laser / HA Junseo[1], OH Seunghoon[1], AN Kyungwon[*1] ([1]Department of Physics and Astronomy, Seoul National University)

P2-co.111*

Collapse of 2 x 1 insulating dimer state in monolayer 1T-$IrTe_2$ by Rb dosing / LEE Mingyung[1], HWANG Jinwoong[*1] ([1]Department of Physics, Kangwon National University)

P2-co.202*

Magnetic Order Classification of Pyrochlore Iridates by Machine Learning / JANG Yerin[1], KIM Choong Hyun[2,3], GO Ara[*1] ([1]Department of Physics, Chonnam National University, [2]Center for Correlated Electron Systems, IBS, [3]Department of Physics and Astronomy, Seoul National University)

P2-op.018*

Anomalus double peaks in non-coupled organic films with Fabry-Perot cavity / JEONG Yeojun[1], LEE Hojun[1], KANG Evan S Hyunkoo[*1] ([1]Department of Physics, Chungbuk National University)

P2-op.019*

Strong plasmon-exciton coupling using Ag nanodisk array and TDBC / LEE Hojun[1], KANG Evan S Hyunkoo[*1] ([1]Department of Physics, Chungbuk National University)

P2-pa.001*

Development of Jet-based MET correction at Level-1 trigger for the CMS Phase-II upgrade / GOH Junghwan*[1], OH Junwon[1], MOON Chang-Seong[2], HONG Jieun[2], HERWIG Christian[3] ([1]Department of Physics, Kyung Hee University, [2]Department of Physics, Kyungpook National University, [3]FNAL, Fermilab, USA)

P2-pa.003*

Study of characteristics of Low Gain Avalanche Detector (LGAD) sensors / MOON Chang-Seong*[1], KIM Jongyeob[1], NAM Hogyeong[1], LEE Jaewon[1], HONG Byeongjin[2], YOO Jaehyeok[2], LEE Kyungmin[2] ([1]Department of Physics, Kyungpook National University, [2]Department of Physics, Korea University)

P2-pl.119*

High energy resolution off-resonant spectroscopy to probe electronic structures using self-seeded XFEL beams / SOHN Janghyeob[1], KANG Gyeongbo[1,2], LEE Gyusang[1,2], LEE Changhoo[1,2], CHUN Sae Hwan[3], PARK Jaeku[3], CHOI Tae-Kyu[3], CHO Byoung Ick*[1,2] ([1]Department of Photon and Physics, GIST, [2]Center for Relativistic Laser Science, IBS, [3]XFEL Division, Pohang Accelerator Laboratory)

P2-pl.211*

아르곤 제어개스 주입에 의한 KSTAR H-mode 플라즈마에서의 열속 감소 효과의 SOLPS-ITER 전산모사 / LEE Chanyeong[2], SHIN Haewon[1], HWANG Junghoo[2], HAN Yoonseong[2], CHOE Wonho*[2] ([1]Nuclear and Quantun Engineering, KAIST, [2]Nuclear Physics Application Research Division , KAERI)

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SOLPS-ITER 전산모사를 활용한 KSTAR 플라즈마내 중수소 개스 주입 및 플라즈마 드리프트 영향 분석 / HWANG Junghoo[1], PARK Jae-Sun[2], PITTS Richard A[3], JUHN June-Woo[4], HAN Yoon Seong[1], LEE Hyungho[4], BAK Jun-Gyo[4], HONG Suk-Ho[5], CHOE Wonho*[1] ([1]Department of Nuclear and Quantum Engineering, KAIST, [2]Oak Ridge National Laboratory, USA, [3]ITER Organization, France, [4]KFE, [5]General Atomics, USA)

P2-se.009*

Enhancing surface plasmons at visible to near-infrared wavelengths by ITO nanoparticles in light pressure for piezoelectric energy harvesting / JANG Jun-Hyeon[1], KIM Sung-Hyun[1,2], KIM Min Jung[1], HWANG Sun-Lyeong[3], AHN Hyung Soo[1], CHUN Young Tea[1], YI Sam Nyung*[1,2] ([1]Major of Nano-Semiconductor Engineering, Korea Maritime and Ocean University, [2]Interdisciplinary Major of Maritime AI Convergence, Korea Maritime and Ocean University, [3]Department of ICT Convergence Engineering, Kangnam University)

P2-se.010*

Effect of molecular tilt configuration in molecular heterojunction with two-dimensional semiconductor / EO Jung Sun[1], SHIN Jaeho[2], JANG Jingon[1], JEON Takkyeong[1], WANG Gunuk[*1] ([1]KU-KIST Graduate School of Converging Science and Technology, Korea University, [2]Department of chemistry, Rice University, USA)

P2-se.014*

Considerable Contact Resistance Effects on Vertical Carrier Density Profile within WSe_2 Multilayers / CHOI Dahyun[1], JOO Min-Kyu[*1] ([1]Department of Applied Physics, Sookmyung Women's University)

P2-st.007*

Optimal combinations of simple discrimination strategies in direct and indirect reciprocity / CHAE Sunhee[1], JEONG Hyeong-Chai[*1] ([1]Department of Physics and Astronomy, Sejong University)

P2-st.016*

Boosting Generalization in Neural Networks with Stochastic Restarting / BAE Young-kyoung[1], SONG Yeongwoo[1], JEONG Hawoong[*1,2] ([1]Department of Physics, KAIST, [2]Center for Complex Systems, KAIST)

P2-te.005*

양자 상태 단층 촬영을 통한 두-입자 계의 분석 / LIM Jaemin[1], KIM Zion[1], SHIN Hyon[1], KIM Junho[2], KIM Chanwoo[2], PARK Jaeyoon[2], LEE Kijoon[2], GHIM Zae-young[*1] ([1]Faculty of Arts and Liberals, Korea Science Academy, [2]Department of Electrical Engineering and Computer Science, DGIST)