

ICAMD2019 Poster Presentation Schedule

· Set-up : December 10 (Tue.) - December 12 (Thu.) 12:00-13:00

· Tear-Down : December 10 (Tue.) - December 11 (Wed.) 18:00-20:30

December 12 (Thu) 18:00-19:00

· Presentation Code : Presentation Date + Abstract Code (ex: PO-2D19-001 → TUE-2D19-001)

· Presentation : December 10 (Tue.) - December 11 (Wed.) 18:00-20:00

December 12 (Thu) 16:00-18:00

#	Session	Presentation Code	Presenter's Name	Presenter's Affiliation	Title	Date & Time	Place
1	2D + vdW Nano	TUE-2D19-003	Mi Jung Lee	Konkuk University	The study of artificial ultrasensitive synapses based on 2D material CrPS4	Dec. 10 (Tue) 18:00~20:00	8F Lobby
2	2D + vdW Nano	TUE-2D19-005	Eun Hee Kee	Konkuk University	Electrical and magnetic properties of graphene/graphene oxide heterostructure device	Dec. 10 (Tue) 18:00~20:00	8F Lobby
3	2D + vdW Nano	TUE-2D19-006	Minjeong Shin	Konkuk University	MoS2 field-effect transistor using CrPS4 gate insulator	Dec. 10 (Tue) 18:00~20:00	8F Lobby
4	2D + vdW Nano	TUE-2D19-012	Huije Ryu	Seoul National University	Room-temperature trion modulation in a light emitting van der Waals heterostructure tunnel device	Dec. 10 (Tue) 18:00~20:00	8F Lobby
5	2D + vdW Nano	TUE-2D19-016	imran khan	Pukyong National University	Two dimensional ferromagnetic CrPbTe3 monolayer and strain modulations of its magnetocrystalline anisotropy and Curie temperature	Dec. 10 (Tue) 18:00~20:00	8F Lobby
6	2D + vdW Nano	TUE-2D19-023	DaYea Oh	Konkuk University	Comparison magnetic properties of MoS2 and MoOx layer fabricated by local chemical modification using AFM lithography	Dec. 10 (Tue) 18:00~20:00	8F Lobby
7	2D + vdW Nano	TUE-2D19-025	Gwangtaek Oh	Konkuk University	Gate-tunable photodetector and ambipolar transistor implemented with graphene/TMDs barristor	Dec. 10 (Tue) 18:00~20:00	8F Lobby
8	2D + vdW Nano	TUE-2D19-032	Yeryun Cheon	Sogang University	Raman signature of interlayer vibration in few-layer 1T' MoTe2	Dec. 10 (Tue) 18:00~20:00	8F Lobby
9	2D + vdW Nano	TUE-2D19-036	Soo Yeon Lim	Sogang University	Investigation of interlayer exciton in WSe2/MoSe2 heterostructure	Dec. 10 (Tue) 18:00~20:00	8F Lobby
10	2D + vdW Nano	TUE-2D19-037	Woongki Na	Sogang University	Polarized optical study of WS2/ReS2 heterostructure	Dec. 10 (Tue) 18:00~20:00	8F Lobby
11	2D + vdW Nano	TUE-2D19-040	Yun Choi	Sogang University	Linearly polarized photoluminescence spectroscopy of anisotropic ReS2	Dec. 10 (Tue) 18:00~20:00	8F Lobby
12	2D + vdW Nano	TUE-2D19-044	Junyoung Kwon	Yonsei University	2D van der Waals heterostructure based light emitting transistors with multi-mode operation	Dec. 10 (Tue) 18:00~20:00	8F Lobby
13	2D + vdW Nano	TUE-2D19-045	Arnab Ghosh	Yonsei University	Black phosphorus templated hetero-epitaxial growth of metallic films	Dec. 10 (Tue) 18:00~20:00	8F Lobby
14	2D + vdW Nano	TUE-2D19-051	jungcheol Kim	Sogang University	Polarized second harmonic generations in TMD hetero structure with various wavelengths	Dec. 10 (Tue) 18:00~20:00	8F Lobby
15	2D + vdW Nano	TUE-2D19-057	Yangjin Lee	Yonsei University	Atomic resolution imaging of phosphorene and its crystalline edge termination	Dec. 10 (Tue) 18:00~20:00	8F Lobby
16	2D + vdW Nano	TUE-2D19-065	Jinbao Jiang	Sungkyunkwan University	Device engineering and physics with ultra-short channel 2D semiconductor nanotransistors	Dec. 10 (Tue) 18:00~20:00	8F Lobby
17	2D + vdW Nano	TUE-2D19-067	Jong-Young Lee	Yonsei University	Evolution of defects in MoS2 treated by indirect hydrogen plasma	Dec. 10 (Tue) 18:00~20:00	8F Lobby
18	2D + vdW Nano	TUE-2D19-070	Yongjun Shin	Seoul National University	Graphene multi-via contacts for 3D integration of 2D devices	Dec. 10 (Tue) 18:00~20:00	8F Lobby
19	2D + vdW Nano	TUE-2D19-079	Van Tu Nguyen	Ajou University	Synthesis of MoS2/graphene vertical heterostructures and their optoelectronic characteristics	Dec. 10 (Tue) 18:00~20:00	8F Lobby
20	2D + vdW Nano	TUE-2D19-082	Minsu Kim	Yonsei University	Anisotropic electronic structure of PdSe2 by ARPES measurement	Dec. 10 (Tue) 18:00~20:00	8F Lobby
21	2D + vdW Nano	TUE-2D19-083	Gijeong An	Yonsei University	Experimental band structure of germanium sulfide	Dec. 10 (Tue) 18:00~20:00	8F Lobby
22	2D + vdW Nano	TUE-2D19-085	Hyuntae Kim	Incheon National University	Effects of Electron Beam Irradiation on the Friction and Work Function of the Wrinkled Graphene	Dec. 10 (Tue) 18:00~20:00	8F Lobby
23	2D + vdW Nano	TUE-2D19-088	Bora Kim	Ewha Womans University	Band Alignment in MoS2/WS2 Heterostructure Based on Surface Potential Characterizations	Dec. 10 (Tue) 18:00~20:00	8F Lobby
24	2D + vdW Nano	TUE-2D19-094	JEONGSU JANG	UNIST (Ulsan National Institute of Science of Technology)	In-Plane Anisotropic Properties and Thermoelectric power factor of GeSe Nanoflakes	Dec. 10 (Tue) 18:00~20:00	8F Lobby
25	2D + vdW Nano	TUE-2D19-098	Ganesh Ghimire	Sungkyunkwan University Suwon, Republic of Korea	Phase control of the ReS2 crystal by Li-intercalation	Dec. 10 (Tue) 18:00~20:00	8F Lobby
26	2D + vdW Nano	TUE-2D19-101	Soon-Gil Yoon	Chungnam National University	Unveiling predominant electrical performance of nitrogen-doped graphene thin film transistors	Dec. 10 (Tue) 18:00~20:00	8F Lobby
27	2D + vdW Nano	TUE-2D19-103	Han Sol Lee	Yonsei University	MoTe2 Homojunction PIN Diode toward 1300 nm Infrared Detection	Dec. 10 (Tue) 18:00~20:00	8F Lobby
28	2D + vdW Nano	TUE-2D19-105	Byoung Ki Choi	University of Seoul	Two-dimensional characteristic of MBE grown-VSe2	Dec. 10 (Tue) 18:00~20:00	8F Lobby
29	2D + vdW Nano	TUE-2D19-106	Ji Hye Lee	Konkuk University	Strain induced anisotropic friction domains on low dimensional materials	Dec. 10 (Tue) 18:00~20:00	8F Lobby
30	2D + vdW Nano	TUE-2D19-111	Hee Chang Jeon	Dongguk University	ZnO nanorods and graphene hybrid architectures	Dec. 10 (Tue) 18:00~20:00	8F Lobby
31	2D + vdW Nano	TUE-2D19-114	Sung Jin Yang	Yonsei University	High frequency rectification and AM demodulation in WSe2 Schottky diode circuits with low contact resistance	Dec. 10 (Tue) 18:00~20:00	8F Lobby
32	2D + vdW Nano	TUE-2D19-123	Soyeong Kwon	Ewha Womans University	Surface potential mapping of MoS2 monolayers on Au nanostripe arrays	Dec. 10 (Tue) 18:00~20:00	8F Lobby
33	2D + vdW Nano	TUE-2D19-131	Yongjae Cho	Yonsei University	Simultaneously modulating the threshold voltage of both MoS2 n-FET and MoTe2 p-FET by charge transfer induced by organic molecules	Dec. 10 (Tue) 18:00~20:00	8F Lobby

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#	Session	Presentation Code	Presenter's Name	Presenter's Affiliation	Title	Date & Time	Place
34	2D + vdW Nano	TUE-2D19-137	Insol Jo	Korea National University of Transportation	A Study on Interface Interaction of NEMS Switch Based on Graphene Nanoribbon	Dec. 10 (Tue) 18:00~20:00	8F Lobby
35	2D + vdW Nano	TUE-2D19-139	Mihyang Yu	Ajou University	Electrically induced charging of quantum emitters in hexagonal boron nitride and graphene heterostructure	Dec. 10 (Tue) 18:00~20:00	8F Lobby
36	2D + vdW Nano	TUE-2D19-140	Gyeongsik Eom	Ajou University	Magnetic circular dichroism measurement on two-dimensional ferromagnets	Dec. 10 (Tue) 18:00~20:00	8F Lobby
37	2D + vdW Nano	TUE-2D19-142	Joolee Son	Ajou University	Mechanical control of valley magnetization and Berry curvature dipole in monolayer MoS ₂	Dec. 10 (Tue) 18:00~20:00	8F Lobby
38	2D + vdW Nano	TUE-2D19-151	Hyunseung Lee	Ajou University	Tuning the spontaneous emission of monolayer WSe ₂ by optical environment control – cavity coupling and substrate manipulation	Dec. 10 (Tue) 18:00~20:00	8F Lobby
39	2D + vdW Nano	TUE-2D19-162	Yongjun Lee	Sungkyunkwan University	Controlling of inter-exciton interactions in monolayer WS ₂	Dec. 10 (Tue) 18:00~20:00	8F Lobby
40	2D + vdW Nano	TUE-2D19-164	Do Hee Lee	Ulsan National Institute of Science and Technology (UNIST)	Fabrication of Graphene-Inserted PEDOT:PSS/Colorless Polyimide Composite Flexible Transparent Electrodes	Dec. 10 (Tue) 18:00~20:00	8F Lobby
41	2D + vdW Nano	TUE-2D19-166	Jiseong Jang	Sungkyunkwan University	Solution processable large area synthesis of TMD	Dec. 10 (Tue) 18:00~20:00	8F Lobby
42	2D + vdW Nano	TUE-2D19-170	Minjae Huh	Yonsei University	Exploring the band structure of atomically thin crystals with nanoARPES	Dec. 10 (Tue) 18:00~20:00	8F Lobby
43	2D + vdW Nano	TUE-2D19-171	Duc Anh Nguyen	Sungkyunkwan University	Room-temperature synthesis of PtTe ₂ with controllable size by laser irradiation	Dec. 10 (Tue) 18:00~20:00	8F Lobby
44	2D + vdW Nano	TUE-2D19-172	Seung-Il Kim	Ajou University	Dry transfer of CVD graphene using water-soluble inorganic metal oxide	Dec. 10 (Tue) 18:00~20:00	8F Lobby
45	2D + vdW Nano	TUE-2D19-179	Jin-Woo Jung	DGIST	Study on growth mechanism of monolayer WS ₂ crystals via CVD methods	Dec. 10 (Tue) 18:00~20:00	8F Lobby
46	2D + vdW Nano	TUE-2D19-182	Jungmo Kim	Korea Advanced Institute of Science and Technology	Metal-Organic Complex Intercalation for Effective Exfoliation of Highly Crystalline Graphene and Hexagonal Boron Nitride Nanosheets	Dec. 10 (Tue) 18:00~20:00	8F Lobby
47	2D + vdW Nano	TUE-2D19-185	Sae Hee Ryu	Yonsei University	Evolution of quantum phases across the topological phase transition in black phosphorus.	Dec. 10 (Tue) 18:00~20:00	8F Lobby
48	2D + vdW Nano	TUE-2D19-186	Seyeong Cha	Yonsei University	Band structure of PbI ₂ studied by angle-resolved photoemission spectroscopy	Dec. 10 (Tue) 18:00~20:00	8F Lobby
49	2D + vdW Nano	TUE-2D19-191	Yewon Woo	Konkuk University	Investigation on spin hall effect of 2D layered transition metal dichalcogenides	Dec. 10 (Tue) 18:00~20:00	8F Lobby
50	2D + vdW Nano	TUE-2D19-192	Youn Sung Na	Seoul National University	Defect-induced photoluminescence and electrical properties in plasma-treated hexagonal boron nitride	Dec. 10 (Tue) 18:00~20:00	8F Lobby
51	2D + vdW Nano	TUE-2D19-193	Sol Lee	Yonsei University	Direct measurement of temperature dependence of lattice parameters in hexagonal 2D crystals	Dec. 10 (Tue) 18:00~20:00	8F Lobby
52	2D + vdW Nano	TUE-2D19-200	Tae-Young Jeong	Konkuk University	Visible spectroscopy via Graphene-hBN barristor	Dec. 10 (Tue) 18:00~20:00	8F Lobby
53	2D + vdW Nano	TUE-2D19-209	Jiseon Shin	University of Seoul	Gate-tunable nearly flat bands in twisted triple bilayer graphene	Dec. 10 (Tue) 18:00~20:00	8F Lobby
54	2D + vdW Nano	TUE-2D19-212	Dongjea Seo	Yonsei University	Bright visible light emission of in-situ deformed graphene	Dec. 10 (Tue) 18:00~20:00	8F Lobby
55	2D + vdW Nano	TUE-2D19-214	Jae-Bok Lee	Yonsei University	Self-assembled 1D Structure MoS ₂ /WSe ₂ Heterojunction Arrays and Their Optoelectrical Properties	Dec. 10 (Tue) 18:00~20:00	8F Lobby
56	2D + vdW Nano	TUE-2D19-217	Hyeon Sik Kim	Yonsei University	Electrical properties of high quality and atomically thin platinum diselenide (PtSe ₂) films grown by molecular beam epitaxy (MBE)	Dec. 10 (Tue) 18:00~20:00	8F Lobby
57	2D + vdW Nano	TUE-2D19-252	Heechang Shin	Yonsei University	Mobility Enhancement of MoS ₂ Field-Effect Transistors by Strain Engineering	Dec. 10 (Tue) 18:00~20:00	8F Lobby
58	2D + vdW Nano	TUE-2D19-253	Sangho Yoon	POSTECH	Optical characterization of Black Phosphorus crystals	Dec. 10 (Tue) 18:00~20:00	8F Lobby
59	2D + vdW Nano	TUE-2D19-264	Sam Park	Yonsei University	Extraction of 2D semiconductors' band gap via Thin Graphite Contact	Dec. 10 (Tue) 18:00~20:00	8F Lobby
60	2D + vdW Nano	TUE-2D19-265	Tae In Kim	Korea Advanced Institute of Science and Technology (KAIST)	Synthesis of Ultrathin Copper Nanowires Using Chemically-Exfoliated TMD Nanosheets	Dec. 10 (Tue) 18:00~20:00	8F Lobby
61	2D + vdW Nano	TUE-2D19-266	seockjin jeong	Daegu Gyeongbuk Institute of Science and Technology	Large-scale molybdenum disulfide growth and device using metal-organic chemical vapor deposition	Dec. 10 (Tue) 18:00~20:00	8F Lobby
62	2D + vdW Nano	TUE-2D19-271	Min-Hye Jeong	Daegu Gyeongbuk Institute of Science and Technology	Thickness-controlled Black Phosphorus with Enhanced FET Stability Under Ambient Condition	Dec. 10 (Tue) 18:00~20:00	8F Lobby
63	2D + vdW Nano	WED-2D19-274	SEONG-YEON LEE	Chungnam National University	Photoinduced absorption change in WSe ₂ monolayer and multilayers	Dec. 11 (Wed) 18:00~20:00	8F Lobby
64	2D + vdW Nano	WED-2D19-276	Sumin Hwangbo	Yonsei University	GaN-based Micro-LED with MoS ₂ Driving Transistor	Dec. 11 (Wed) 18:00~20:00	8F Lobby
65	2D + vdW Nano	WED-2D19-298	Inki Jeong	Chung-Ang University	Lattice thermal conductivity of Sb ₂ Te ₃ quintuple layers from molecular dynamics simulations	Dec. 11 (Wed) 18:00~20:00	8F Lobby
66	2D + vdW Nano	WED-2D19-301	Junho Park	POSTECH	Atomically thin TTF/TCNQ vertical heterostructure for air stable metallic conduction	Dec. 11 (Wed) 18:00~20:00	8F Lobby

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67	2D + vdW Nano	WED-2D19-302	Srivani Javvaji	University of Seoul	Topological flat bands without magic angles in massive twisted bilayer graphenes	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
68	2D + vdW Nano	WED-2D19-305	Yongsu Jo	UNIST	Selective Oxidation Behavior of Various Intrinsic Graphene Defects in Graphene-Coated Cu	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
69	2D + vdW Nano	WED-2D19-307	Beom Jin Kim	Yonsei University	Wireless Motion Controller Enabled with MoS2 Based Wearable Sensor	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
70	2D + vdW Nano	WED-2D19-312	Youngju Park	University of Seoul	Gate tunable topological flat bands in twisted graphene on bilayer graphene	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
71	2D + vdW Nano	WED-2D19-314	Kedhareswara Sairam Pasupuleti	Chungnam National University	2D/3D heterojunction between n-MoS2 and p-GaN for high response NO gas sensor applications	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
72	2D + vdW Nano	WED-2D19-315	GiHyeon Kwon	Yonsei University	Van der waals metal contact between 2D-metal(TaSe2) and 2D-semiconductor(WSe2)	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
73	2D + vdW Nano	WED-2D19-322	Byeong Geun Jeong	Sungkyunkwan University	Quality evaluation of WS2 monolayer with Raman scattering	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
74	2D + vdW Nano	WED-2D19-327	Sung Hyuk Kim	Sungkyunkwan University	Tip-Enhanced Raman Scattering Imaging of WSe2 Monolayer	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
75	2D + vdW Nano	WED-2D19-328	Subeom Song	Postech	Optical characterization of hBN crystals	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
76	2D + vdW Nano	WED-2D19-329	Shrawan Roy	Sungkyunkwan University	Measurement of absolute quantum yield of monolayer TMDs using PMMA thin film embedded with dye molecules	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
77	2D + vdW Nano	WED-2D19-333	seok-ki hyeong	Korea Institute of Science and Technology	Eco-Friendly synthetic method of graphene oxide with laser ablation	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
78	2D + vdW Nano	WED-2D19-337	Sojung Kang	Yonsei University	Formation of MoS2/MoOx Heterostructure by Using Oxygen Plasma Treatment	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
79	2D + vdW Nano	WED-2D19-343	Hyung Jun Park	Yonsei University	Multifunctional High Resolution Fingertip Sensor Enabled by MoS2 TFT Array	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
80	2D + vdW Nano	WED-2D19-344	Kwang-Hun Choi	Korea Institute of Science and Technology	Synthesis of Seamless Structure of CNT/Graphene Carpet for Gas Sensing System	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
81	2D + vdW Nano	WED-2D19-351	Changmo Kang	Yonsei University	Experimental band structure of black-Arsenic by ARPES	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
82	2D + vdW Nano	WED-2D19-352	Chulho Park	Sungkyunkwan University	Backward Diode with Few-layer ReS2/MoTe2 Heterostructure	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
83	2D + vdW Nano	WED-2D19-353	Gwanmu Lee	SungKyunkwan University	High-current transport and self-heating effect characteristics on MoS2 transistors using IR temperature imaging system	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
84	2D + vdW Nano	WED-2D19-354	Jae Hwan Jeong	Yonsei University	Investigation of electrical and mechanical properties of van der Waals interfaces using atomic force microscopy	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
85	2D + vdW Nano	WED-2D19-357	June-Chul Shin	Seoul National University	Band engineering of WSe2 homo-junction via thickness control	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
86	2D + vdW Nano	WED-2D19-358	Han-byeol Lee	Konkuk University	Measurement of graphene's quantum capacitance in dual-gated graphene-FET using ionic liquid	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
87	2D + vdW Nano	WED-2D19-361	Sehwan Park	Sungkyunkwan University	Facile synthesis of monolayer NbSe2 and its lateral heterostructure with liquid precursors by chemical vapor deposition	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
88	2D + vdW Nano	WED-2D19-364	Young Dong Kim	Kyung Hee University	Ellipsometric study on temperature dependence of dielectric function and critical point energies of WS2	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
89	2D + vdW Nano	WED-2D19-369	DA-SOM SHIN	Konkuk University	One-Pot Synthesis of Spherical Molybdenum Disulfide	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
90	2D + vdW Nano	WED-2D19-374	Eunji Lee	Sungkyunkwan University	Probing exciton states of monolayer TMDs using differential reflection spectroscopy	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
91	2D + vdW Nano	WED-2D19-384	Eunji Ji	Yonsei University	Surface analysis and applied research through graphene surface treatment using XeF2	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
92	2D + vdW Nano	WED-2D19-386	Yi Rang Lim	Korea Research Institute of Chemical Technology(KRICT)	Atomic-level customizing of 4-inch van der Waals multilayer alloys for industrial applications	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
93	2D + vdW Nano	WED-2D19-388	Jin Hong Kim	Konkuk University	Twist angle dependent electrical properties of twisted bilayer graphene	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
94	2D + vdW Nano	WED-2D19-395	Tuan Khanh Chau	Sungkyunkwan University	Abnormal quantum Hall effect across graphene grain boundary grown by chemical vapor deposition	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
95	2D + vdW Nano	WED-2D19-399	Seoungwoong Park	KIST, Seoul National University	Solution-based Precipitation of Molybdenum Disulfide Wire and Their Gas Adsorption Properties	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
96	2D + vdW Nano	WED-2D19-401	Haein Cho	Korea University	Nonvolatile Resistive Memory realized by the morphological Control of Two-dimensional Layered Double Hydroxide	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
97	2D + vdW Nano	WED-2D19-405	Seungmin PARK	Inha University	Investigation of Defects on a MoS2 Surface using Scanning Tunneling Microscope	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
98	2D + vdW Nano	WED-2D19-416	Yeonsu Jeong	Yonsei University	Environmentally friendly low-voltage FETs using Lead-free BaSr1-xTiO3 and earth-abundant MoS2	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
99	2D + vdW Nano	WED-2D19-419	Ji-hwan Baek	Seoul National University	Ultrathin non-volatile ferroelectric memory based on monolayer MoTe2	Dec. 11 (Wed.) 18:00~20:00	8F Lobby

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100	2D + vdW Nano	WED-2D19-422	Yeonjoon Jung	Seoul National University	Growth of metallic MoO ₂ – semiconducting MoS ₂ heterostructures using two-step Chemical Vapor Deposition	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
101	2D + vdW Nano	WED-2D19-423	Jihee Jun	Sookmyung Women's University	Scanning transmission X-ray microscopy study of Transition Metal Phosphorus Tri-sulfides	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
102	2D + vdW Nano	WED-2D19-429	Je-Jun Lee	Sungkyunkwan University	Analysis of persistent photoconductivity in ReS ₂ thin film transistor	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
103	2D + vdW Nano	WED-2D19-430	Jeong-lck Cho	Sungkyunkwan University	Chemical and Plasma Doping of Tungsten diselenide (WSe ₂)	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
104	2D + vdW Nano	WED-2D19-431	Hangyel Kim	Seoul National University	Strain and charge doping modulation of graphene by epitaxial growth of MoO ₃	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
105	2D + vdW Nano	WED-2D19-433	Min Jung Kim	Yonsei University	Ultraclean transfer method of CVD-grown graphene by using sublimable film	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
106	2D + vdW Nano	WED-2D19-434	Jeong-lck Cho	Sungkyunkwan University	High-performance ReSe ₂ -based Photodetector Enhanced by APTES layer and PPh ₃ Treatment	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
107	2D + vdW Nano	WED-2D19-435	Jeong-lck Cho	Sungkyunkwan University	High-performance Tungsten Diselenide (WSe ₂)-based photodetector enhanced by HCl treatment	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
108	2D + vdW Nano	WED-2D19-450	Hyun-geun Oh	Yonsei University	Wafer-scale MoS ₂ synthesis on Sapphire	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
109	2D + vdW Nano	WED-2D19-458	Hyeokjung Lee	Yonsei University	Biocompatible Transition Metal Dichalcogenide Nanosheets inks with Zwitterionic Detergents for Inkjet printing	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
110	2D + vdW Nano	WED-2D19-459	Tae Hyun Park	Yonsei University	2D Titanium Carbide (MXene) wearable heater	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
111	2D + vdW Nano	WED-2D19-482	Mina Park	Korean Institute of Science and Technology	High Electrical Mechanical Properties of Carbon/Cu Composite Wires for Electrical Cables	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
112	2D + vdW Nano	WED-2D19-492	Ji Hoon Park	Yonsei University	Integration of 2D MoTe ₂ transistor and perovskite photovoltaic cell for self-power energy harvesting and photosensing	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
113	2D + vdW Nano	WED-2D19-495	Sung Ju Hong	Sungkyunkwan University	Dissociative-induced hydrogen adsorption of encapsulated and edge-contact graphene	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
114	2D + vdW Nano	WED-2D19-501	Euicheol Shin	KAIST	Frist-principles-based scanning Seebeck microscope simulation of epitaxial graphene on 6H-SiC	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
115	2D + vdW Nano	WED-2D19-511	Young Jin Park	Ulsan National University of Science and Technology	Colloidal Synthesis of Nanosized MoS ₂ Monolayers	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
116	2D + vdW Nano	WED-2D19-516	Yoon Sok Kim	Hanyang University	Fabrication of large-area MoO _x /MoS ₂ heterojunction structure through sulfurization process	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
117	2D + vdW Nano	WED-2D19-518	Jun Jung	KAIST	Low dimensional spin and charge orderings on MoS ₂ grain boundaries	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
118	2D + vdW Nano	WED-2D19-523	Jinho Bae	Korea University	High breakdown voltage quasi-two-dimensional β-Ga ₂ O ₃ nanolayer field-effect transistors with dual field plates	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
119	2D + vdW Nano	WED-2D19-527	Nguyen The Hoang	Chung-Ang University	Polarized Raman study on GaTe	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
120	2D + vdW Nano	WED-2D19-536	ByungMin Ko	Sejong University	Black Phosphorus-IGZO van der Waals Diode with Low-Resistivity Metal Contacts	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
121	2D + vdW Nano	WED-2D19-550	HoonJu Lee	Ulsan National Institute of Science and Technology (UNIST)	HER Catalyst Based on Vertically Synthesized Transition Metal Dichalcogenides by Using Microwave	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
122	2D + vdW Nano	WED-2D19-552	Yoon Gu Kang	Korea Advanced Institute of Science and Technology (KAIST)	Indium-chalcogenide heterostructures as topological insulators	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
123	2D + vdW Nano	WED-2D19-563	Junghwan Kim	Sejong University	Atomic and electronic structures of 2D/3D GaX(X = S, Se, Te)/Si(111)heterostructures	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
124	2D + vdW Nano	WED-2D19-571	Hyeonbeom Kim	SungKyunWan University	Resistance switching behavior in vertical rhenium disulfide device	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
125	2D + vdW Nano	WED-2D19-573	Dong Yun Lee	Sejong University	Rapid chemical vapor deposition of graphene for mass production	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
126	2D + vdW Nano	WED-2D19-580	Jae-Keun Kim	Seoul National University	Investigating the effect of surface charge transfer doping on charge transport of WSe ₂	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
127	2D + vdW Nano	WED-2D19-585	Jisoo Nam	Ulsan National Institute of Science and Technology	Multiferroic metal with Huge polar distortion driven by spin ordering: monolayer Fe ₃ GeTe ₂	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
128	2D + vdW Nano	WED-2D19-610	Sooyoung Jung	Sungkyunkwan University	Artificial synapse based on tungsten diselenide (WSe ₂)/ (3-Aminopropyl) triethoxysilane (APTES) heterostructure	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
129	2D + vdW Nano	WED-2D19-611	Hochan Jeong	Korea Advanced Institute of Science and Technology	Variation of thermal conductance at atomic contact sites: Ballistic phonon transport simulation	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
130	2D + vdW Nano	WED-2D19-612	Hyun Kyu Lee	Sungkyunkwan University	Trap suppressing effects with h-BN layer in ferroelectric vdW synaptic device	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
131	2D + vdW Nano	WED-2D19-613	Wonseo Park	Sungkyunkwan University	Oxygen Plasma-based P-type Doping on Hafnium Disulfide	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
132	2D + vdW Nano	WED-2D19-615	Wonseo Park	Sungkyunkwan University	Metal-Graphene(M-G) Contact Resistance Reduction Using PVP/PMF n-Type Doping and Edge Contact Engineering	Dec. 11 (Wed.) 18:00~20:00	8F Lobby

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#	Session	Presentation Code	Presenter's Name	Presenter's Affiliation	Title	Date & Time	Place
133	2D + vdW Nano	WED-2D19-617	SooDon Choi	Sungkyunkwan University	Artificial synapse based on 2D van der Waals heterostructure	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
134	2D + vdW Nano	WED-2D19-634	Chang-Gyu Choi	Sejong University	Theoretical study of contact behaviors between MoS2 and gas-adsorbed Ni(111)	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
135	2D + vdW Nano	WED-2D19-644	Sangsoo Lee	Inha University	Formation of thin films of Bi deposited on a WSe2 surface at room temperature	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
136	2D + vdW Nano	WED-2D19-645	Dong Heon Shin	Korea Institute of Science and Technology	Recovery Improvement of rGO Fiber with TMDs for Gas Sensors at Room Temperature	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
137	2D + vdW Nano	WED-2D19-647	Jong Hun Kim	Seoul National University	Single crystal α -MoO3 nanosheets grown on 2D growth templates via van der Waals epitaxy and characterization	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
138	2D + vdW Nano	WED-2D19-649	Hyun-Jun Chai	Korea Advanced Institute of Science and Technology	Adhesion improvement of MOCVD grown van der Waals films for large-scale integration process	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
139	2D + vdW Nano	WED-2D19-650	Tae Soo Kim	Korea Advanced Institute of Science and Technology (KAIST)	Design of TMDC growth for scalable and industry compatible process	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
140	2D + vdW Nano	WED-2D19-651	Chang-Soo Lee	Pohang University of Science and Technology	Atomically Thin Three-Dimensional Membranes of van der Waals Semiconductors by Wafer-Scale Growth	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
141	2D + vdW Nano	WED-2D19-652	Seung-Young Seo	Pohang University of Science and Technology	Light-Induced Local Reconfigurable Doping of 2D van der Waals Semiconductor	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
142	2D + vdW Nano	WED-2D19-653	HeonSu Ahn	POHANG UNIVERSITY OF SCIENCE AND TECHNOLOGY	Vapor phase growth of van der Waals epitaxial VSe2/WSe2 heterostructures	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
143	Nanomaterials / Nanodevices / Nanotools	WED-NN19-024	Chansoo Yoon	konkuk University	Synaptic Plasticity Selectively Activated by Polarization-Dependent Energy-Efficient Ion Migration in an Ultrathin Ferroelectric Tunnel Junction	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
144	Nanomaterials / Nanodevices / Nanotools	WED-NN19-034	Oleksiy Penkov	Zhejiang University	Precision sub-nanometer characterization of interfaces by Low-angle XRD	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
145	Nanomaterials / Nanodevices / Nanotools	WED-NN19-063	Bum-Joon Jung	Korea Advanced Institute of Science and Technology	Chemically inert, thin-film parylene microfluidic reactor	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
146	Nanomaterials / Nanodevices / Nanotools	WED-NN19-064	Sohwi Kim	Konkuk University	Polarization Control of Ferroelectric for Multi-State Synaptic Device Based on Au/PZT/Nb:STO	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
147	Nanomaterials / Nanodevices / Nanotools	WED-NN19-095	Young Gyu YOU	Konkuk University	Electrical properties of barristor device based on graphene-single walled carbon nanotube junction	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
148	Nanomaterials / Nanodevices / Nanotools	WED-NN19-096	Sung Won Kim	Konkuk University	Time evolution of Raman modes during the deformation of graphene by using laser irradiation	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
149	Nanomaterials / Nanodevices / Nanotools	WED-NN19-104	Geon Il Kim	Hanyang University	Resistive switching characteristics of memristive device based on TiO2 containing numerous pores fabricated utilizing Ti wire by using anodization	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
150	Nanomaterials / Nanodevices / Nanotools	WED-NN19-117	Juchan Lee	Sungkyunkwan university	Modulating the Junction Modes in SnSe2/MoTe2 Broken-Gap van der Waals Heterostructure for High Performance Tunnel Diode and Infrared Photodetection	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
151	Nanomaterials / Nanodevices / Nanotools	WED-NN19-132	Woongbin Yim	Ajou University	Investigation of light-induced potential changes in thin MoS2 flakes with scanning probe microscopy	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
152	Nanomaterials / Nanodevices / Nanotools	WED-NN19-135	Heejun Jang	Korea Advanced Institute of Science and Technology	Flow Visualization in Nanofluidic chip Using Quantum Dot Tracking	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
153	Nanomaterials / Nanodevices / Nanotools	WED-NN19-156	Ramesh Ghosh	Seoul National University	Si Nanowire-based High-Sensitivity Pressure Sensor Arrays for Human Breath Monitoring	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
154	Nanomaterials / Nanodevices / Nanotools	WED-NN19-161	Solyee Im	Electronics and Telecommunications Research Institute	Transparent, Stretchable and Robust Pressure Sensor via Prism-like Microfluidic Channel	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
155	Nanomaterials / Nanodevices / Nanotools	WED-NN19-206	Do-Hyun PARK	Konkuk University	Barristor-based gas sensor with extremely high sensitivity	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
156	Nanomaterials / Nanodevices / Nanotools	WED-NN19-215	Jaeyong Choi	Yonsei University	Flexible Full Color Micro-LED Display using GaN LED and Quantum dot	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
157	Nanomaterials / Nanodevices / Nanotools	WED-NN19-219	Sanghyeon Choi	KU-KIST Graduate School of Converging Science and Technology, Korea University	Controllable SiOx Memristor Synapse Inspired by the Human System for Neuromorphic Computation	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
158	Nanomaterials / Nanodevices / Nanotools	WED-NN19-231	Shahid Iqbal	Ajou University	High Performance Temperature Sensors Based on Al2O3/VO2 Nanohybrid with Low Humidity and VOC Cross-sensitivity	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
159	Nanomaterials / Nanodevices / Nanotools	WED-NN19-236	Woong Huh	Korea University	Weight-tunable memristor based on 2D heterostructures for energy-efficient neuromorphic computing	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
160	Nanomaterials / Nanodevices / Nanotools	WED-NN19-250	E Joo Yang	Advanced Institutes of Convergence Technology, Seoul National University	The electroluminescence device characterization in room temperature based on Nitrogen doped MXene quantum dots	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
161	Nanomaterials / Nanodevices / Nanotools	WED-NN19-254	Min Baik	Yonsei University	Photocurrent dynamics depend on crystal structure of InAs nanowire by optical pump-Thz probe	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
162	Nanomaterials / Nanodevices / Nanotools	WED-NN19-258	Hoo-cheol LEE	Korea University	Photon-triggered nanowire transistors	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
163	Nanomaterials / Nanodevices / Nanotools	WED-NN19-262	Ha-Reem Kim	Korea University	Photon-Triggered Current Generation in Chemically-Synthesized Silicon Nanowires	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
164	Nanomaterials / Nanodevices / Nanotools	WED-NN19-268	Seunghoon Yang	Korea University	Monolithic Fermi-Level Engineering to Enhance Optoelectronic Performances of 2D Semiconductor p-n Heterojunctions	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
165	Nanomaterials / Nanodevices / Nanotools	WED-NN19-272	A-YOUNG LEE	Daegu Gyeongbuk Institute of Science and Technology	Hybrid Black Phosphorus/QD Phototransistors	Dec. 11 (Wed.) 18:00~20:00	2F Lobby

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166	Nanomaterials / Nanodevices / Nanotools	WED-NN19-297	Won Ryeol Choi	Konkuk University	Electrical properties of suspended MoTe ₂ transistor	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
167	Nanomaterials / Nanodevices / Nanotools	WED-NN19-309	Woong-Ki Kim	Chungnam National University	High response room temperature NO gas sensor properties of C ₃ N ₄ /GaN nanorod structures	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
168	Nanomaterials / Nanodevices / Nanotools	WED-NN19-365	Jeongseok Woo	Inha University	A √7×√3 Surface with a Double Layer of In on Si(111) Exhibiting Both Hexagonal and Rectangular STM Features	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
169	Nanomaterials / Nanodevices / Nanotools	WED-NN19-406	Yugyeong Je	Ewha Womans University	Graphene nanomechanical resonator arrays; physical properties and application to mechanical radio	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
170	Nanomaterials / Nanodevices / Nanotools	WED-NN19-408	Jayeong Kim	Ewha womans University	VIS-UV resonance Raman scattering study of Charge transfer SERS effect with Excitonic Mechanism	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
171	Nanomaterials / Nanodevices / Nanotools	WED-NN19-438	Jeong-Yeol Yoo	Dankook University	Improved electroluminescence of quantum dot light-emitting diodes enabled by ligand exchange with 2,2'-bipyridyl group	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
172	Nanomaterials / Nanodevices / Nanotools	WED-NN19-451	Juhee Yoon	Ewha Womans University	Simulation of dynamic motion of a vertically suspended one and two dimensional structures	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
173	Nanomaterials / Nanodevices / Nanotools	WED-NN19-453	HyunJeong Jeong	Ewha womans University	In-situ TEM Observation of Nanomaterials During Joule-heating Process	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
174	Nanomaterials / Nanodevices / Nanotools	WED-NN19-488	Ji-hye Kim	Dankook University	Quantum Dot Dispersion in the Matrix Materials for Improved Pattern Uniformity of Inkjet-printed QLEDs	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
175	Nanomaterials / Nanodevices / Nanotools	WED-NN19-513	Nagamalleswara Rao Alluri	Jeju National University	Hysteresis Behaviour of 1D Selenium Micro-Rods: for Photo-Tunable Memory/Energy Applications	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
176	Nanomaterials / Nanodevices / Nanotools	WED-NN19-542	Mehdi Sattariefahlan	Seoul National University	Fabrication of individually-addressable vertical field effect transistor matrix based on Si nanorods	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
177	Nanomaterials / Nanodevices / Nanotools	WED-NN19-593	Wonbin Ju	Gwangju Institute of Science and Technology	Measurement of quantum capacitance in graphene using a thin AlO _x top-gate oxide	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
178	Nanomaterials / Nanodevices / Nanotools	WED-NN19-638	Shenawar Ali Khan	JEU National University	Highly Sensitive Temperature Sensor based on Solution Processed P(VDF-TrFE) /Graphene Composite with Printed Technology	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
179	Nanomaterials / Nanodevices / Nanotools	WED-NN19-661	Junhee Kim	Seoul National University	Transparent, Bright, and thin Quantum Dot Light-Emitting Diodes	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
180	Nanomaterials / Nanodevices / Nanotools	THU-NN19-008	Insol Jo	Korea National University of Transportation	Self-Assembly of CdTe Nanoparticles Encapsulated with Thiols into Nanowires under a Wavelength of Light	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
181	Nanomaterials / Nanodevices / Nanotools	THU-NN19-010	Muhammad Khalid	Balochistan University of Information Technology Engineering and Management Sciences, Quetta	Structural, dielectric and surface properties of cobalt substituted M-hexa ferrites nanoparticles	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
182	Nanomaterials / Nanodevices / Nanotools	THU-NN19-053	Jeong Ho Ryu	Korea National University of Transportation	Electrocatalytic Performance of Graphene Composites Prepared by Pulsed Laser Ablation in Liquids	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
183	Nanomaterials / Nanodevices / Nanotools	THU-NN19-073	Dongha Yoo	Seoul National University	Selective Area Growth of GaN Microrod Arrays on Graphene Films for Flexible Device Applications	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
184	Nanomaterials / Nanodevices / Nanotools	THU-NN19-144	Dong Kyu Lee	Pohang University of Science and Technology	Freestanding single-crystal rutile TiO ₂ film using sacrificial layer	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
185	Nanomaterials / Nanodevices / Nanotools	THU-NN19-158	Kwanbyung Chae	Ajou University	Interfacial stress transfer and release between two-dimensional materials and polymer substrates	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
186	Nanomaterials / Nanodevices / Nanotools	THU-NN19-169	Sang-Min Lee	Sungkyunkwan University	Characterization of BaTiO ₃ /PVDF as nanocomposites sensing layer for Humidity sensor	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
187	Nanomaterials / Nanodevices / Nanotools	THU-NN19-177	Hyunjoon Kwon	Ajou University	Control of graphene synthesis by adjusting growth parameters in the chemical vapor deposition process	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
188	Nanomaterials / Nanodevices / Nanotools	THU-NN19-178	Joonhyub Kim	Korea University	Efficient and facile strategies for functionalization of molybdenum disulfide	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
189	Nanomaterials / Nanodevices / Nanotools	THU-NN19-184	Thu Trang Tran	Sungkyunkwan University	Charge transfer and photoresponsivity of heterostructures composed of core/shell quantum dots and TMDs	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
190	Nanomaterials / Nanodevices / Nanotools	THU-NN19-189	Min-Ki Hong	Ajou University	Area ratio control of graphene/h-BN in-plane heterostructure on single crystal Ge substrate	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
191	Nanomaterials / Nanodevices / Nanotools	THU-NN19-204	Dong Hyeon Kim	Sungkyunkwan University	Optimization of Tip Fabrication for Tip-Enhanced Raman Spectroscopy	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
192	Nanomaterials / Nanodevices / Nanotools	THU-NN19-229	Beom-Gon Cho	Ulsan National Institute of Science and Technology	Directly Growth of Thermally Reduced Graphene Oxide on Carbon Fibers Using a Biodegradable Polymer	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
193	Nanomaterials / Nanodevices / Nanotools	THU-NN19-234	Soon-Jae Lee	Korea University	Unique scattering properties of silicon nanowires embedded with porous segments	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
194	Nanomaterials / Nanodevices / Nanotools	THU-NN19-241	Anir Syahmi bin Sharbirin	Sungkyunkwan University	Synthesis and Optical Characterization of Nitride MXene Quantum Dots	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
195	Nanomaterials / Nanodevices / Nanotools	THU-NN19-294	Young-il Na	Sungkyunkwan University	Study on improved dielectric properties of BaTiO ₃ /PVDF/Graphene flake nanocomposite for Capacitor	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
196	Nanomaterials / Nanodevices / Nanotools	THU-NN19-313	Seokhyun Kim	Yonsei University	Large scale fabrication of ultrathin porous silicon nanomembranes for filtration application	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
197	Nanomaterials / Nanodevices / Nanotools	THU-NN19-319	Jae Yoon Lee	Korea University	Large-scale 2D heterojunction catalyst on a p-type silicon for efficient photoelectrochemical hydrogen evolution	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
198	Nanomaterials / Nanodevices / Nanotools	THU-NN19-325	YoonSeok Kim	Korea University	Layer Decoupled 2D Quantum Well Structure via Monolithic Phase Engineering of Transition Metal Dichalcogenides	Dec. 12 (Thu.) 16:00~18:00	2F Lobby

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199	Nanomaterials / Nanodevices / Nanotools	THU-NN19-331	Hee Seong Kang	Korea University	Continuous Bandgap Engineering of Wafer-Scale Monolayer WS ₂ xSe ₂ (1-x) Alloys	Dec. 12 (Thu) 16:00~18:00	2F Lobby
200	Nanomaterials / Nanodevices / Nanotools	THU-NN19-336	Jeonghun Kim	Kookmin University	A study on the magnetic properties of nanoscale Mn-Zn ferrite with plasma treatment	Dec. 12 (Thu) 16:00~18:00	2F Lobby
201	Nanomaterials / Nanodevices / Nanotools	THU-NN19-346	Do Hyoung Koo	Korea University	Surfactant-assisted wafer-scale growth of high quality tungsten disulfides using metal-organic chemical vapor deposition	Dec. 12 (Thu) 16:00~18:00	2F Lobby
202	Nanomaterials / Nanodevices / Nanotools	THU-NN19-359	Dae Eon Lee	Dongguk University	Semiconductive Nanoporous Green Phosphor of ZnMnO	Dec. 12 (Thu) 16:00~18:00	2F Lobby
203	Nanomaterials / Nanodevices / Nanotools	THU-NN19-375	SUHYUN LEE	Konkuk University	Investigation of Zinc Tin Oxide Thin Films Grown by Atomic Layer Deposition for CuGaSe ₂ Solar Cells	Dec. 12 (Thu) 16:00~18:00	2F Lobby
204	Nanomaterials / Nanodevices / Nanotools	THU-NN19-428	Woong Lee	Sungkyunkwan University	A Study on Uniform Epitaxial Growth of Deep Contact Hole in Vertical NAND Flash Memory	Dec. 12 (Thu) 16:00~18:00	2F Lobby
205	Nanomaterials / Nanodevices / Nanotools	THU-NN19-445	Wookyung Kim	Ewha Womans University	Thermal light emission of suspended and aligned carbon nanotubes	Dec. 12 (Thu) 16:00~18:00	2F Lobby
206	Nanomaterials / Nanodevices / Nanotools	THU-NN19-460	Hyowon Han	Yonsei University	Perovskite Nanopatterns using Self-Assembled Block Copolymer Template with High Photoluminescence and Stability	Dec. 12 (Thu) 16:00~18:00	2F Lobby
207	Nanomaterials / Nanodevices / Nanotools	THU-NN19-467	Changwon Seo	Sungkyunkwan University	Energy transfer in nano-sized metal organic frameworks (MOFs) crystals studied by nano-optical imaging and spectroscopy.	Dec. 12 (Thu) 16:00~18:00	2F Lobby
208	Nanomaterials / Nanodevices / Nanotools	THU-NN19-470	Euiyeon Jung	Seoul National University	Nanostructured P ₂ -Na ₂ /3MnO ₂ with grain boundaries for sodium-ion battery cathode	Dec. 12 (Thu) 16:00~18:00	2F Lobby
209	Nanomaterials / Nanodevices / Nanotools	THU-NN19-477	Hyun Yeol Ryu	Inha University	Crystallization of an amorphous silicon thin film using laser annealing with a continuous-wave and a pulsed laser	Dec. 12 (Thu) 16:00~18:00	2F Lobby
210	Nanomaterials / Nanodevices / Nanotools	THU-NN19-500	Jianmin Yu	Sungkyunkwan University	Highly efficient enhancement of photocatalytic H ₂ evolution via molecular Z-scheme electron transport from two-phase TiO ₂ to two-dimensional ReS ₂	Dec. 12 (Thu) 16:00~18:00	2F Lobby
211	Nanomaterials / Nanodevices / Nanotools	THU-NN19-505	Jun-Ho Lee	Konkuk University	Residue-free method for transferring a graphene using Al ₂ O ₃ substrate treated by CF ₄ plasma	Dec. 12 (Thu) 16:00~18:00	2F Lobby
212	Nanomaterials / Nanodevices / Nanotools	THU-NN19-525	Hyunju An	Chungnam National University	Elliptical nanostructure for polarization control of quantum dot emission	Dec. 12 (Thu) 16:00~18:00	2F Lobby
213	Nanomaterials / Nanodevices / Nanotools	THU-NN19-537	Seulong Kim	Ajou University	Effect of disorder correlation on the localization of pseudospin-1 Dirac particles in two dimensions in random one-dimensional scalar and vector potentials	Dec. 12 (Thu) 16:00~18:00	2F Lobby
214	Nanomaterials / Nanodevices / Nanotools	THU-NN19-556	Hyun Hwi Lee	Pohang Accelerator Lab, POSTECH	Si Nano-wall Formation by maskless wet-etching using a femtosecond laser irradiation	Dec. 12 (Thu) 16:00~18:00	2F Lobby
215	Nanomaterials / Nanodevices / Nanotools	THU-NN19-577	Woon-Ho Jung	Dankook University	Surface modification of interface for quantum dots and hole transport using 2,2'-Dipyridyl towards efficient Green Quantum Dot Light-Emitting Diodes	Dec. 12 (Thu) 16:00~18:00	2F Lobby
216	Nanomaterials / Nanodevices / Nanotools	THU-NN19-578	Seon-A Park	Dankook University	Ligand exchange on InP/ZnSeS/ZnS quantum dot using 2,2'-bipyridyl group for improved quantum dot light-emitting diodes	Dec. 12 (Thu) 16:00~18:00	2F Lobby
217	Nanomaterials / Nanodevices / Nanotools	THU-NN19-588	Kyungkuk Koh	Chosun University	Enhanced Detection of Organic Vapors by Photoluminescent Porous Silicon Distributed Bragg-Reflective Interferometer	Dec. 12 (Thu) 16:00~18:00	2F Lobby
218	Nanomaterials / Nanodevices / Nanotools	THU-NN19-596	Hee Chul Park	Institute for Basic Science	Mechanically Induced Thermal Breakdown in Magnetic Shuttle Structures	Dec. 12 (Thu) 16:00~18:00	2F Lobby
219	Nanomaterials / Nanodevices / Nanotools	THU-NN19-598	Jung Seob Shim	Dankook University	Directed Self-Assembly of Symmetric Block Copolymers in Thin Films on Soft Grating Patterns	Dec. 12 (Thu) 16:00~18:00	2F Lobby
220	Nanomaterials / Nanodevices / Nanotools	THU-NN19-608	Varsha Singh	Korea Institute of Science and Technology	X-ray absorption spectroscopy study of calcite crystals	Dec. 12 (Thu) 16:00~18:00	2F Lobby
221	Nanomaterials / Nanodevices / Nanotools	THU-NN19-626	Hee Chul Woo	Gwangju Institute of Science and Technology	Complex dielectric function of perovskite cubic colloidal quantum dots	Dec. 12 (Thu) 16:00~18:00	2F Lobby
222	Nanomaterials / Nanodevices / Nanotools	THU-NN19-628	Chang-Lyoul Lee	Gwangju Institute of Science and Technology	Highly stable and reversible luminescence from Cs ₄ PbBr ₆ perovskite and its thermochromic sensor application	Dec. 12 (Thu) 16:00~18:00	2F Lobby
223	Nanomaterials / Nanodevices / Nanotools	THU-NN19-641	Hye Sung Kim	Pusan National University	The microstructural evolution of Cu-25Cr Alloys Prepared by High Ratio Differential Speed Rolling	Dec. 12 (Thu) 16:00~18:00	2F Lobby
224	Nanomaterials / Nanodevices / Nanotools	THU-NN19-655	Sungdo Kim	University of Ulsan	Enhanced Plasmonic Electron Transfer from Gold Nanoparticles to TiO ₂ Nanorods by Electrochemical Surface Reduction	Dec. 12 (Thu) 16:00~18:00	2F Lobby
225	Nanomaterials / Nanodevices / Nanotools	THU-NN19-656	Woonhyuk Baek	Seoul National University	Novel strategy for non-noble metal doping of silver nanoclusters	Dec. 12 (Thu) 16:00~18:00	2F Lobby
226	Nanomaterials / Nanodevices / Nanotools	THU-NN19-670	Hongguk Min	SungKyunkwan University	Three-dimensional Dirac semimetal in a nonsymmorphic wallpaper multi-layer	Dec. 12 (Thu) 16:00~18:00	2F Lobby
227	Nanomaterials / Nanodevices / Nanotools	THU-NN19-671	Jaemo Jeong	Sungkyunkwan University	Topological Phase Transition in NaZnBixSb1-x	Dec. 12 (Thu) 16:00~18:00	2F Lobby
228	Organic Electronics and Photonics	WED-OE19-026	Young Ran Park	Hanyang University	Enhanced performance of green perovskite light-emitting diodes based on solution processing heterojunction	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
229	Organic Electronics and Photonics	WED-OE19-055	Youngrok Kim	Seoul National University	Improvement of contact properties in organic field effect transistor by molecular implantation doping	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
230	Organic Electronics and Photonics	WED-OE19-056	Hye Ryung Byun	Sogang University	Optical absorption and anomalous photoconductivity in Methylammonium lead halide single crystals	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
231	Organic Electronics and Photonics	WED-OE19-120	Keehoon Kang	Seoul National University	Resistive Switching Properties of High-Performance Crossbar-Array Resistive Memory Devices Based on Solution-Processed Organo-Metal Halide Perovskite	Dec. 11 (Wed.) 18:00~20:00	2F Lobby

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232	Organic Electronics and Photonics	WED-OE19-129	ChulHyeon Park	Hanyang University	Resistive-random access memory device based on protein extracted from biomaterials	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
233	Organic Electronics and Photonics	WED-OE19-136	Hwaseung Kang	Hanyang University	Flexible organic light-emitting devices with a conductive PEDOT:PSS electrode	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
234	Organic Electronics and Photonics	WED-OE19-180	Kiwoong Kim	Yonsei University	Electric current-induced change in electronic structure of co-hostdopant system for blue phosphorescent OLEDs	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
235	Organic Electronics and Photonics	WED-OE19-256	WonSik Son	Dankook University	Fabrication of Micro Vertical Probe for Semiconductor Circuits Inspection	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
236	Organic Electronics and Photonics	WED-OE19-269	Jaeho Shin	KU-KIST Graduate School of Converging Science & Technology, Korea University	Highly Tunable Molecular Rectifier Realized by Interfacial Design in Molecular Heterojunction with Two-Dimensional Materials	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
237	Organic Electronics and Photonics	WED-OE19-286	Seonggil Ham	Korea University	Fiber-shaped ferroelectric organic material based artificial synapse for wearable neuromorphic applications	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
238	Organic Electronics and Photonics	WED-OE19-324	SeongHun Jang	Korea University	Free-standing artificial synapse based on ferroelectric organic field-effect transistor for wearable neuromorphic computing systems	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
239	Organic Electronics and Photonics	WED-OE19-370	Kitae Kim	Yonsei University	Advanced electrostatic model on energy level alignment in bulk heterojunctions: the determination of photovoltaic gap and Fermi-level pinning	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
240	Organic Electronics and Photonics	WED-OE19-391	Wonsik Kim	Kangwon National University	Hole transport mechanism of inverted organic photovoltaics using hole transport layer with high ionization energy	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
241	Organic Electronics and Photonics	WED-OE19-393	Seungsun Choi	Kangwon National University	Resistance switching random access memory devices using PEDOT:PSS incorporated with cellulose nanocrystals	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
242	Organic Electronics and Photonics	WED-OE19-402	Woojin Shin	Kangwon National University	Efficient and environment-friendly inverted organic photovoltaics using sodium lignosulfonate layer	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
243	Organic Electronics and Photonics	WED-OE19-410	Jaehyun Yang	Yonsei University	Unraveling the mechanism of photo-degradation and self-defect passivation in 2D layered perovskite.	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
244	Organic Electronics and Photonics	WED-OE19-417	Jeongwon Kim	Korea Research Institute of Standards and Science	Control of molecular orientation and its influence on charge separation at organic donor/acceptor interface	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
245	Organic Electronics and Photonics	WED-OE19-449	Huihui Zhu	Pohang University of Science and Technology	Perovskite and Conjugated Polymer Wrapped Semiconducting Carbon Nanotube Hybrid Films for High Performance Transistors and Phototransistors	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
246	Organic Electronics and Photonics	WED-OE19-457	Junwoo Kim	Seoul National University	Orientation Engineering of Ruddlesden-Popper Lead Iodide Perovskite for Optoelectronic Device Applications	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
247	Organic Electronics and Photonics	WED-OE19-465	Hyun Kyung Chung	Yonsei University	Electronic structure study of C60/CuPc/MoO3 interfaces using soft X-ray spectroscopy	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
248	Organic Electronics and Photonics	WED-OE19-466	Joon Ho Park	Yonsei University	Electronic structure study of 3,4,9,10-perylene-tetracarboxylic-dianhydride (PTCDA) using various soft x-ray spectroscopy	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
249	Organic Electronics and Photonics	WED-OE19-483	Kyuhoo Lee	Yonsei University	Organic Non-volatile Multi-level 1-Transistor Tactile Memory	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
250	Organic Electronics and Photonics	WED-OE19-484	Dongseob Ji	Pohang University of Science and Technology	Highly purified semiconducting carbon nanotube-based stretchable transistors	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
251	Organic Electronics and Photonics	WED-OE19-487	Hui Jae Choi	Dankook University	Diphenylsulfone and Triazine-type TADF Sensitizing Host for Efficient Hyperfluorescence OLED	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
252	Organic Electronics and Photonics	WED-OE19-489	Seong Ran JEON	Korea Photonics Technology Institute	Study of leakage current reduction for high performance GaN-based APDs	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
253	Organic Electronics and Photonics	WED-OE19-494	Hyun Young Shin	Chung-Ang University	Fiber-Optic radiation sensor based on reduced graphene oxide to enhance the light output	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
254	Organic Electronics and Photonics	WED-OE19-496	Taehyun Kim	Korea Advanced Institute of Science and Technology	Stress relief layer with very low Young's modulus for realization of efficient stretchable organic light emitting diodes	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
255	Organic Electronics and Photonics	WED-OE19-509	Ji-Young Go	Pohang University of Science and Technology	Performance of organic field-effect transistors using diketopyrrolopyrrole-based conjugated polymers with different alkyl-chain length	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
256	Organic Electronics and Photonics	WED-OE19-517	Eungjun Kim	Korea Advanced Institute of Science and Technology(KAIST)	Ultra-flexible OLEDs on MLA patterned substrates for efficient light extraction	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
257	Organic Electronics and Photonics	WED-OE19-526	Seunghee Lee	Korea Advanced Institute Science and Technology	Design of pulse oximetry sensors based on tandem organic light-emitting diodes	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
258	Organic Electronics and Photonics	WED-OE19-533	Seung Won Lee	Yonsei University	Autonomous Self-healing Electroluminescence Displays with Viscoelastic Light Emitting Materials	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
259	Organic Electronics and Photonics	WED-OE19-538	Donghee Kang	Yonsei University	In-situ observation of plasma treated indium tin oxide workfunction changes by electrical stress	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
260	Organic Electronics and Photonics	WED-OE19-551	Jaewoo Ahn	Dankook University	Study on Enhanced Out-Coupling Efficiency of Quantum Dot Light Emitting Diodes Using Nanoporous Templates	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
261	Organic Electronics and Photonics	WED-OE19-561	Seongjib Cho	Dankook University	Charge transport characteristics of organic nanoparticle embedded TIPS-Pentacene organic semiconductor device	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
262	Organic Electronics and Photonics	WED-OE19-589	Hafiz Mohammad Mutee Ur Rehman	Jeju National University	Significance of temperature sensors based on organic materials fabricated through printing technology	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
263	Organic Electronics and Photonics	WED-OE19-605	Moonjeong Bok	Korea Institute of Machinery and Materials, Dankook University	Microneedle dissolution method for effective drug delivery system	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
264	Organic Electronics and Photonics	WED-OE19-606	Jinhong Kim	Chung-Ang University	Measurements of the position of gamma ray source with thin organic scintillator and data processing using deep learning	Dec. 11 (Wed.) 18:00~20:00	2F Lobby

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265	Organic Electronics and Photonics	WED-OE19-618	Youjung Kang	Dankook University	Design of Inkjet-Printed Light Emitter and Processes for Improved Film Morphology and OLED Properties	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
266	Organic Electronics and Photonics	WED-OE19-662	Taehoon Kim	Seoul National University	PEDOT:PSS-Ag nanowires hybrid electrode on a stretchable fiber substrate and its application	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
267	Organic Electronics and Photonics	WED-OE19-664	Ah-young Lee	Ulsan National Institute of Science and Technology	Highly efficient perovskite nanocrystal light-emitting diodes through surface ligand treatment	Dec. 11 (Wed.) 18:00~20:00	2F Lobby
268	Oxides and Emerging Materials for Electronics	TUE-OX19-007	Songhee Choi	DGIST	Electrical and optical properties of vanadium Wadsley VmO _{2m+1} (m > 1, integer) phase	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
269	Oxides and Emerging Materials for Electronics	TUE-OX19-027	Young Ran Park	Hanyang University	Studies on analog and digital bipolar resistive switching in solution-processed NiO devices	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
270	Oxides and Emerging Materials for Electronics	TUE-OX19-035	Hosun Lee	Kyung Hee University	LaxSr _{1-x} VO ₃ thin films for p-type transparent conducting oxides and pn-diodes	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
271	Oxides and Emerging Materials for Electronics	TUE-OX19-071	Samyeon Cho	Chonbuk National University	Electrical properties and relaxor phase evolution of K ion substitution lead free Bi _{0.5} Na _{0.5} TiO ₃ ceramics	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
272	Oxides and Emerging Materials for Electronics	TUE-OX19-087	Hojoon Yi	Sungkyunkwan University	Enhanced heat flow study of carbon fiber with metal coating	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
273	Oxides and Emerging Materials for Electronics	TUE-OX19-090	Chang Uk JUNG	Hankuk University of Foreign Studies	Electric-field-driven local topotactic phase transition for resistive switching memory	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
274	Oxides and Emerging Materials for Electronics	TUE-OX19-100	Seung Gyo Jeong	Sungkyunkwan University	Dimensional crossover in artificial oxide crystal	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
275	Oxides and Emerging Materials for Electronics	TUE-OX19-102	Jegon Lee	Sungkyunkwan University	Exploring active sites for electrocatalytic activity in epitaxial La _{0.7} Sr _{0.3} MnO ₃ thin films	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
276	Oxides and Emerging Materials for Electronics	TUE-OX19-112	Sanghyuck Yu	Yonsei University	Advanced Multifunctional Applications with Transition Metal Dichalcogenide and InGaZnO channel Field Effect Transistor	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
277	Oxides and Emerging Materials for Electronics	TUE-OX19-124	Han Sol Lee	Korea maritime and ocean University	Growth and electrical conductivity control of ε-Ga ₂ O ₃ thin films on GaN template by MOCVD	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
278	Oxides and Emerging Materials for Electronics	TUE-OX19-125	Yujeong Lee	Pohang University of Science and Technology	Systematic control of persistent photoconductivity induced by oxygen vacancies in BaSnO ₃ epitaxial thin films	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
279	Oxides and Emerging Materials for Electronics	TUE-OX19-127	Daseob Yoon	Pohang University of Science and Technology	Enhanced electron mobility of Sn-excess BaSnO ₃ epitaxial films induced by surface chemical reconstruction at high temperature	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
280	Oxides and Emerging Materials for Electronics	TUE-OX19-128	Yunkyu Park	Pohang University of Science and Technology (POSTECH)	Directional ionic transport across the oxide interface enables low-temperature epitaxy of rutile TiO ₂	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
281	Oxides and Emerging Materials for Electronics	TUE-OX19-152	Heung-Sik Park	KAIST	Direct observation of filamentary and bulk ionic conduction in Ca-doped BiFeO ₃ thin films	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
282	Oxides and Emerging Materials for Electronics	TUE-OX19-183	Jong-Hyun Park	Chungnam National University	Zinc oxide based photoelectrodes for photoelectrochemical water splitting	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
283	Oxides and Emerging Materials for Electronics	TUE-OX19-213	Young Rang Uhm	Korea Atomic Energy Research Institute	Study of the garnet Y ₃ Fe _{5-x} MxO ₁₂ (M= Al and Cr, x=0.25 and 0.75) using Mössbauer spectroscopy	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
284	Oxides and Emerging Materials for Electronics	TUE-OX19-216	Sang A Lee	Pukyong National University	Thickness dependent physical properties of the first RP phase for SrRuO ₃ thin films grown under low pressure	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
285	Oxides and Emerging Materials for Electronics	TUE-OX19-227	Tae kwon Lee	Inha University	Growth of high quality SrTiO ₃ thin films on a flexible mica substrate	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
286	Oxides and Emerging Materials for Electronics	TUE-OX19-228	Youngki YEO	KAIST	Unusual glassy ferroelectric state near the magnetic transition temperature in heavily La-substituted BiFeO ₃	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
287	Oxides and Emerging Materials for Electronics	TUE-OX19-232	Hyeok Jee	Jeju National University	Nitrogen Doping on Ti ₂ O ₃ Thin Films by Capacitively Coupled Plasma Methods	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
288	Oxides and Emerging Materials for Electronics	TUE-OX19-243	Soyeong Jang	Soongsil University	Conversion of the valence states of Eu ions and its effect on the emission properties in ABaPO ₄ (A = Li, Na, K)	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
289	Oxides and Emerging Materials for Electronics	TUE-OX19-277	Hyun Il Seo	Sungkyunkwan University	Enhancement of photocurrent via flexoelectric effect in ultrathin oxide films using nanoindentation	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
290	Oxides and Emerging Materials for Electronics	TUE-OX19-279	Min Chul Chun	Hanyang University	Effect of wake-up on polarization switching dynamics of Si doped HfO ₂ thin films with imprint	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
291	Oxides and Emerging Materials for Electronics	TUE-OX19-281	Hyeontae Lim	Soongsil University	Dependence of the upconversion emission on the substitution sites in Ho ³⁺ and Yb ³⁺ co-doped BaHfO ₃	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
292	Oxides and Emerging Materials for Electronics	TUE-OX19-282	Jingon Jang	Korea University	Highly improved analogue switching properties of artificial synaptic device for neuromorphic computing	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
293	Oxides and Emerging Materials for Electronics	TUE-OX19-289	Sungmin Woo	Sungkyunkwan University	Effect of crystallographic orientation in SrRuO ₃ epitaxial thin film growth	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
294	Oxides and Emerging Materials for Electronics	TUE-OX19-296	Sanghyun Park	Hanyang University	Ferroelectric domain switching in the Si doped HfO ₂ capacitors depending on the annealing temperature	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
295	Oxides and Emerging Materials for Electronics	TUE-OX19-356	Soonhong Kang	Dongguk University	Improved Dielectric Characteristics of Ultrathin High-k ZrO ₂ on Ge Through Thermal Annealing	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
296	Oxides and Emerging Materials for Electronics	TUE-OX19-360	Jemin Kim	Hanyang University	Application of machine learning on reliability prediction for electronic packaging	Dec. 10 (Tue.) 18:00~20:00	2F Lobby
297	Oxides and Emerging Materials for Electronics	TUE-OX19-363	Moon Uk Cho	Sunchon National University	Electron-beam annealing IGZO based thin film transistors for flexible devices	Dec. 10 (Tue.) 18:00~20:00	2F Lobby

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298	Oxides and Emerging Materials for Electronics	TUE-OX19-366	Young Dong Kim	Kyung Hee University	Parameterization of dielectric function of GaAsSb alloy films	Dec. 10 (Tue) 18:00~20:00	2F Lobby
299	Oxides and Emerging Materials for Electronics	TUE-OX19-367	Ah Young Kim	Sookmyung Women's University	Nanoscale probing of temperature-dependent local conductance change in an epitaxial VO ₂ film	Dec. 10 (Tue) 18:00~20:00	2F Lobby
300	Oxides and Emerging Materials for Electronics	TUE-OX19-372	Seong-Bok Kim	Keimyung University	Preparation of In-doped ZnO thin films on c-plane sapphire substrates by MOCVD using ultrasonic nebulization	Dec. 10 (Tue) 18:00~20:00	2F Lobby
301	Oxides and Emerging Materials for Electronics	TUE-OX19-373	Choon-Ho Lee	Keimyung University	Characteristics of Zn _{0.70} Mg _{0.300} Thin Films deposited on c-plane sapphire substrates by MOCVD using Ultrasonic Nebulization	Dec. 10 (Tue) 18:00~20:00	2F Lobby
302	Oxides and Emerging Materials for Electronics	TUE-OX19-377	Nahee Park	Sungkyunkwan University	Electrical properties of two-dimensional materials modulated by ferroelectric oxides	Dec. 10 (Tue) 18:00~20:00	2F Lobby
303	Oxides and Emerging Materials for Electronics	TUE-OX19-389	MOHD MUSAIB HAIDARI	Konkuk University	Photochemical oxidation of monolayer CVD graphene and analysis of oxidation process and defects by Raman and XPS.	Dec. 10 (Tue) 18:00~20:00	2F Lobby
304	Oxides and Emerging Materials for Electronics	TUE-OX19-397	Yeriaron Kim	Electronics and Telecommunications Research Institute	Ferroelectric properties in HfZrOx thin film deposited by RF sputtering system	Dec. 10 (Tue) 18:00~20:00	2F Lobby
305	Oxides and Emerging Materials for Electronics	TUE-OX19-462	Jeongdae Seo	Korea Advanced Institute of Science and Technology	Electronic conduction mechanisms in epitaxial WO ₃ thin films	Dec. 10 (Tue) 18:00~20:00	2F Lobby
306	Oxides and Emerging Materials for Electronics	TUE-OX19-476	Tae Yeon Kim	Gwangju Institute of Science and Technology	Electric field effect on polar nanoregion in relaxor Sn-doped BaTiO ₃ epitaxial thin film	Dec. 10 (Tue) 18:00~20:00	2F Lobby
307	Oxides and Emerging Materials for Electronics	TUE-OX19-491	Yonghoe Ahn	Pohang University of Science and Technology (POSTECH)	Steep-slope NbO ₂ -based threshold switch enabled by pulsed-laser-induced phase transformation	Dec. 10 (Tue) 18:00~20:00	2F Lobby
308	Oxides and Emerging Materials for Electronics	TUE-OX19-515	Jinheon Park	Pohang University of Science and Technology	Direct Probing of oxygen loss from the surface lattice of correlated oxides during hydrogen spillover	Dec. 10 (Tue) 18:00~20:00	2F Lobby
309	Oxides and Emerging Materials for Electronics	TUE-OX19-539	Jinhyuk Jang	Pohang University of Science and Technology	Direct visualization of ferroelectricity coupled with octahedral tilt in CaTiO ₃ thin film	Dec. 10 (Tue) 18:00~20:00	2F Lobby
310	Oxides and Emerging Materials for Electronics	TUE-OX19-559	Yongha Choi	Korea University	Electrochemical etching of aluminum nitride with enhanced spatial selectivity and etch rate	Dec. 10 (Tue) 18:00~20:00	2F Lobby
311	Oxides and Emerging Materials for Electronics	TUE-OX19-572	Gi-Yeop Kim	Pohang University of Science and Technology	Visualization of the oxygen diffusion difference by controlled channel directions in TiO ₂ /VO ₂ heterostructure	Dec. 10 (Tue) 18:00~20:00	2F Lobby
312	Oxides and Emerging Materials for Electronics	TUE-OX19-594	Hallim Choi	Dankook University	Temperature dependence of the Photoluminescence transitions of Er ³⁺ in Er ₂ O ₃ thin film on Si (001)	Dec. 10 (Tue) 18:00~20:00	2F Lobby
313	Oxides and Emerging Materials for Electronics	TUE-OX19-599	In-Hwa Cho	Gwangju Institute of Science and Technology	Structural changes of compressive strained SrTiO ₃ thin film : RSM and DISCUS simulation study	Dec. 10 (Tue) 18:00~20:00	2F Lobby
314	Oxides and Emerging Materials for Electronics	TUE-OX19-601	Gahee Noh	POSTECH	Analysis of octahedral structure change depending on strain in double perovskite Sr ₂ FeReO ₆ thin film	Dec. 10 (Tue) 18:00~20:00	2F Lobby
315	Oxides and Emerging Materials for Electronics	TUE-OX19-622	In-Hwa Cho	Gwangju Institute of Science and Technology	Structural changes of defective SrTiO ₃ nanoparticles investigated by PDF analysis	Dec. 10 (Tue) 18:00~20:00	2F Lobby
316	Oxides and Emerging Materials for Electronics	TUE-OX19-630	Dongwon Shin	Sungkyunkwan University	Study of Graphene/transition metal oxide heterostructure for the model system of Graphene/ferromagnetic insulator	Dec. 10 (Tue) 18:00~20:00	2F Lobby
317	Oxides and Emerging Materials for Electronics	TUE-OX19-636	Junseok Jeong	Sejong University	Selective-area remote heteroepitaxy of ZnO microrod arrays using patterned graphene layer	Dec. 10 (Tue) 18:00~20:00	2F Lobby
318	Oxides and Emerging Materials for Electronics	TUE-OX19-637	Sam Yeon Cho	Chonbuk National University	Synthesis and characterization of BKT by a hydrothermal method and its nanogenerator properties	Dec. 10 (Tue) 18:00~20:00	2F Lobby
319	Oxides and Emerging Materials for Electronics	TUE-OX19-663	Minsoo Kim	(1) Center for Correlated Electron Systems, Institute for Basic Science (IBS) (2) Seoul National University	Octahedral tilt driven Kondo lattice behavior with orbital-selective Mott transition of 4d Ca ₂ -xSrxRuO ₄	Dec. 10 (Tue) 18:00~20:00	2F Lobby
320	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-014	SANGJIN LEE	korea electronics technology institute, korea University	Flexible Smart Window Based on Electrochromic and Thermo-chromic Hybrid Structure	Dec. 12 (Thu) 16:00~18:00	8F Lobby
321	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-015	brahim marfoua	Pukyong National University	Broken amorphous limit of in-plane lattice thermal conductivity in two dimensional GeTe bilayer	Dec. 12 (Thu) 16:00~18:00	8F Lobby
322	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-017	Young Mi Lee	Pohang Accelerator Laboratory	Particular THz-wave absorption property in organic-inorganic hybrid perovskite flexible thin film formed by two-step sequential vacuum evaporation method	Dec. 12 (Thu) 16:00~18:00	8F Lobby
323	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-028	Jihye Baik	Kyung Hee University	Optical and electrical modeling of CIGS solar cells considering the oblique incidence of the sunlight	Dec. 12 (Thu) 16:00~18:00	8F Lobby
324	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-029	Sangheon Park	Sungkyunkwan University	Physical interpretation on efficiency enhancement of organic photovoltaic device due to additive by optical modulation spectroscopy	Dec. 12 (Thu) 16:00~18:00	8F Lobby
325	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-039	Tharith Sriv	Sogang University	Lattice Dynamics of SnSe(1-x)Sx Single Crystals: Polarization and Excitation Energy Dependences	Dec. 12 (Thu) 16:00~18:00	8F Lobby
326	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-059	Hye Ri Jung	Ewha Womans University	Investigation of excitonic behaviors and optoelectronic properties in chloride perovskite crystals	Dec. 12 (Thu) 16:00~18:00	8F Lobby
327	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-062	Jihyun Kim	Ewha Womans University	Effects of Oxidation of Spiro-OMeTAD Layers on Hole Transport and Photo-Conversion Efficiency	Dec. 12 (Thu) 16:00~18:00	8F Lobby
328	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-092	Dae-Hyung Cho	Electronics and Telecommunications Research Institute	Color tuning of Cu(In,Ga)Se ₂ thin film solar cells by controlling the thicknesses of window layers	Dec. 12 (Thu) 16:00~18:00	8F Lobby
329	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-107	Hyuk Jin Kim	University of Seoul	Modulation of electrical conductivity and thermoelectric properties in MoSe ₂ thin films via He ⁺ irradiation	Dec. 12 (Thu) 16:00~18:00	8F Lobby

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330	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-126	Jong Pil Im	ETRI	Dual Input Energy harvesting System Analysis for WSN	Dec. 12 (Thu) 16:00~18:00	8F Lobby
331	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-146	Juran Kim	Ewha Womans University	Surface electrical characterization of sodium-incorporation in kesterite-based flexible solar cells with different stack orders	Dec. 12 (Thu) 16:00~18:00	8F Lobby
332	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-149	Jinhyuk Choi	Inha University	Vertically aligned cyclo-phenylalanine peptide nanowire-based high-performance triboelectric energy generator	Dec. 12 (Thu) 16:00~18:00	8F Lobby
333	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-167	MD SHAHJAHAN KABIR CHOWDURY	Kumoh National Institute of Technology	Graphene oxide electrolyte membranes coated with hydrogen permeable alloy thin films for fuel cell applications	Dec. 12 (Thu) 16:00~18:00	8F Lobby
334	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-168	MD SHAHJAHAN KABIR CHOWDURY	Kumoh National Institute of Technology	Graphene oxide membranes modified with (3-Mercaptopropyl)trimethoxysilane for PEMFC application	Dec. 12 (Thu) 16:00~18:00	8F Lobby
335	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-207	Yun-Chae Nam	Korea National University of Transportation	Synthesis and Characterization of Na ₂ +2xFe ₂ -x(SO ₄) ₃ cathode materials for Sodium-ion batteries	Dec. 12 (Thu) 16:00~18:00	8F Lobby
336	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-218	Jae-Yeol Hwang	Pukyong National University	Structurally correlated thermoelectric transport properties of CrSiTe ₃ bulks	Dec. 12 (Thu) 16:00~18:00	8F Lobby
337	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-224	Yeon Soo Kim	Ewha Womans University	Influence of epitaxial anatase and rutile TiO ₂ thin films as electron transport layer for perovskite solar cell	Dec. 12 (Thu) 16:00~18:00	8F Lobby
338	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-239	Wansoo Son	Hanyang University & Korea Institute of Science and Technology (KIST)	Promising Routes for Integration of Perovskite Solar Cells on Rough CuInSe ₂ Bottom Cell	Dec. 12 (Thu) 16:00~18:00	8F Lobby
339	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-240	Yoon Hee Jang	Korea Institute of Science and Technology (KIST)	Aqueous Co-Electrodeposition Approach for High-Quality Germanium-doped Cu ₂ ZnSn(S,Se) ₄ Films	Dec. 12 (Thu) 16:00~18:00	8F Lobby
340	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-244	SANJIB BARAN ROY	Sejong University	Iridium on vertical graphene as an all-round catalyst for robust water splitting reactions	Dec. 12 (Thu) 16:00~18:00	8F Lobby
341	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-247	Jeong Hun Kim	Electronics and Telecommunications Research Institute (ETRI)	A Study on the Polymer Filler Materials for Wearable Thermoelectric Generation System	Dec. 12 (Thu) 16:00~18:00	8F Lobby
342	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-248	Linh Trung	Sejong University	CoP chrysanthemum-like nanostructures on vertical graphene nanohills as an active and robust electrocatalyst for water splitting	Dec. 12 (Thu) 16:00~18:00	8F Lobby
343	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-259	HyangMI Yu	Sungkyunkwan University	Chemical probing of degradation in organic-inorganic hybrid perovskite films using IR Nanoscopy	Dec. 12 (Thu) 16:00~18:00	8F Lobby
344	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-261	Bora Kim	Sungkyunkwan University	Inorganic 2-D Transition Metal Dichalcogenides Charge Transport Layers for Perovskite Solar Cells	Dec. 12 (Thu) 16:00~18:00	8F Lobby
345	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-283	Shridharan Tatachari Santhanagopalan	Daegu Gyeongbuk Institute of Science and Technology	Assisted Ligand Exchange Mechanism for Perovskite Photodetector Application	Dec. 12 (Thu) 16:00~18:00	8F Lobby
346	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-290	Dae Sol Kong	Inha University	Ferroelectric Polymer-enabled Contactless Electric Power Generation in Triboelectric Nanogenerators	Dec. 12 (Thu) 16:00~18:00	8F Lobby
347	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-291	Thi Kim Cuc Mai	Korean Institute of Science and Technology	Highly efficient semi-transparent perovskite solar cells enabling low-temperature tandem integration	Dec. 12 (Thu) 16:00~18:00	8F Lobby
348	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-292	Ji Sub Hwang	Photo-electronic Hybrids Research Center, Korea Institute of Science and Technology (KIST)	Emergence of aesthetically appealing CuInSe ₂ solar cells patterned by photo-electrodeposition	Dec. 12 (Thu) 16:00~18:00	8F Lobby
349	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-295	Kyu-Myung Lee	Kyung Hee University	Bandgap Determination of Metal Halide Perovskite Thin Films Using Low Energy Photoemission and Inverse Photoemission Spectroscopy Techniques	Dec. 12 (Thu) 16:00~18:00	8F Lobby
350	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-304	Jae Yeon Seo	Kookmin University	Structural and magnetic phase transition of Mn-Doped Sodium-Iron fluorophosphate Na ₂ Fe _{0.9} Mn _{0.1} PO ₄ F	Dec. 12 (Thu) 16:00~18:00	8F Lobby
351	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-320	Ok Sung Jeon	Advanced Institutes of Convergence Technology	Self-humidifying gum-type zinc air batteries by sodium alginate complex electrolyte for minimizing drying out	Dec. 12 (Thu) 16:00~18:00	8F Lobby
352	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-326	Yea Sol Jang	Korea Electronics Technology Institute	Properties of flexible and transparent heater with amorphous patterns	Dec. 12 (Thu) 16:00~18:00	8F Lobby
353	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-349	Woojong Kim	Hanyang University	One dimensional yarn-based triboelectric nanogenerator by BaTiO ₃ nanoparticles inserted polydimethylsiloxane layer	Dec. 12 (Thu) 16:00~18:00	8F Lobby
354	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-350	Chaewon Kim	Korea Photonics Technology Institute	Inverse metal-assisted chemical Etching of InGaP window for improving light absorption of Ge solar cell	Dec. 12 (Thu) 16:00~18:00	8F Lobby
355	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-371	Hyo In Kim	Sungkyunkwan University	Investigation on Temperature Dependent Changes of Optical Properties in Organic-Inorganic Metal Halide Perovskite Single Crystals	Dec. 12 (Thu) 16:00~18:00	8F Lobby
356	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-379	Han Sung Lee	Chonnam National University	Reduced graphene oxide based supercapacitors prepared using ZnO nanoparticles of various shapes and sizes	Dec. 12 (Thu) 16:00~18:00	8F Lobby
357	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-380	Jihye Kim	Chonnam National University	Polyethylenimine doping effect on graphene films and graphene based supercapacitors	Dec. 12 (Thu) 16:00~18:00	8F Lobby
358	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-390	Da-hye Kim	University of Science & Technology	Thermoelectric properties of organic-inorganic materials with antimony telluride nanosheet	Dec. 12 (Thu) 16:00~18:00	8F Lobby
359	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-394	Seung Hee Hong	Korea Institute of Science and Technology	Impact of two-steps annealing process on electrodeposited Cu ₂ ZnSn(S,Se) ₄ thin film	Dec. 12 (Thu) 16:00~18:00	8F Lobby
360	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-396	Suong Le	Sungkyunkwan University	N-doped graphene quantum dots/alpha-iron oxide composites grown on carbon nanotube yarn for superior flexible asymmetric supercapacitor	Dec. 12 (Thu) 16:00~18:00	8F Lobby

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361	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-400	Dasom Song	Korea Research Institute of Chemical Technology	Hybrid Nanogenerator for Portable Electronics: Synergistic Impacts of Perovskite Piezoelectric Barium Titanate Nanoparticles Hybridized with Graphene Oxide	Dec. 12 (Thu) 16:00~18:00	8F Lobby
362	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-407	SEO HYOUNG CHANG	Chung-Ang University	Electronic structure of epitaxial IrO ₂ thin films on TiO ₂ (001) and (100) substrates using resonant inelastic X-ray scattering	Dec. 12 (Thu) 16:00~18:00	8F Lobby
363	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-413	Hyo Jin Kim	Korea Photonics Technology Institute	High efficiency AlGaAs/GaAs double junction Solar cell on Si substrate	Dec. 12 (Thu) 16:00~18:00	8F Lobby
364	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-414	Zhou Wu	Henan University of Science and Technology	Model Mechanical Characterization and Investigation Polarization of IDEs Piezoelectric Ceramics for Actuators	Dec. 12 (Thu) 16:00~18:00	8F Lobby
365	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-415	Zhou Wu	Henan University of Science and Technology	Finite Element Analysis of Axial Mechanical Properties of Tubular Interdigitated Electrodes Piezoelectric Actuator	Dec. 12 (Thu) 16:00~18:00	8F Lobby
366	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-427	Byung Joon Moon	Seoul National University	Improved Photovoltaic Performance of Inverted Polymer Solar Cells using Multifunctional Quantum-dots Monolayer with High Uniformity	Dec. 12 (Thu) 16:00~18:00	8F Lobby
367	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-441	Yejin kim	Ewha Womans University	Phase transition study of methylammonium lead halide perovskite single crystals by Raman scattering spectroscopy	Dec. 12 (Thu) 16:00~18:00	8F Lobby
368	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-469	Minji Im	KIST Jeonbuk Institute of Advanced Composite Materials, and Gwangju Institute of Science and Technology	The effect of highly doping on the performance of graphene-based Schottky junction solar cells	Dec. 12 (Thu) 16:00~18:00	8F Lobby
369	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-479	Haseong Kim	Korea Institute of science and technology	Enhanced photoelectrochemical hydrogen production of Si photocathode with nitrogenated graphene quantum dots	Dec. 12 (Thu) 16:00~18:00	8F Lobby
370	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-490	Byoung-Hoon Lee	Seoul National University	Engineering Hollow TiO ₂ Nanostructure for Excess Li-ion Storage	Dec. 12 (Thu) 16:00~18:00	8F Lobby
371	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-499	Van Quang Nguyen	University of Ulsan	Unidentified major p-type source in SnSe: Multi-vacancies	Dec. 12 (Thu) 16:00~18:00	8F Lobby
372	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-504	gaurav khandelwal	Jeju National University	Edible material derived single electrode biocompatible and biodegradable triboelectric nanogenerator	Dec. 12 (Thu) 16:00~18:00	8F Lobby
373	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-507	Nirmal Prashanth Maria Joseph Raj	Jeju National University	Eco-friendly Energy conversion and Dye degradation by piezoelectric nanoparticles	Dec. 12 (Thu) 16:00~18:00	8F Lobby
374	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-520	Hak-Jun Chung	Korea Electronics Technology Institute	Development of ZnS buffer layer for photovoltaic by Chemical Bath Deposition	Dec. 12 (Thu) 16:00~18:00	8F Lobby
375	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-532	Jae Won Kim	Ulsan National Institute of Science and Technology	Study of burn-in loss in green solvent-processed ternary blended organic photovoltaics derived from uv-crosslinkable semiconducting polymers and nonfullerene acceptors	Dec. 12 (Thu) 16:00~18:00	8F Lobby
376	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-546	Yung Jin Yoon	Ulsan National Institute of Science and Technology	Reversible, full color luminescence by post-treatment of perovskite nanocrystals	Dec. 12 (Thu) 16:00~18:00	8F Lobby
377	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-553	Namhee Kwon	Kunsan National University	Investigation of CuSCN-based perovskite solar cells for high stability	Dec. 12 (Thu) 16:00~18:00	8F Lobby
378	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-558	RAMAKANT SHARMA	Korea Advanced Institute of Science and Technology	Conjugated polymer-small molecule-non fullerene ternary organic solar cells	Dec. 12 (Thu) 16:00~18:00	8F Lobby
379	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-562	Changhoon Lee	Pohang University of Science and Technology	Ternary selenides A ₂ Sb ₄ Se ₈ (A = K, Rb, Cs) as an n-type thermoelectric material with high power factor and low lattice thermal conductivity: Importance of the conformationally flexible Sb-	Dec. 12 (Thu) 16:00~18:00	8F Lobby
380	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-574	Sungwook Choi	Sogang University	Strain dynamics in next generation fuel cell materials during ion transport and exchange process by Bragg coherent X-ray diffraction imaging	Dec. 12 (Thu) 16:00~18:00	8F Lobby
381	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-579	Moonhoe Kim	Kunsan National University	Research on sealing process of perovskite solar cells using various encapsulated materials	Dec. 12 (Thu) 16:00~18:00	8F Lobby
382	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-586	Jitendra Singh	Pohang Accelerator Laboratory	Soft X-ray Absorption Spectroscopic Investigation of LiCo ₈ /3Ni ₁ /3Mn ₁ /3O ₂ Cathode Material	Dec. 12 (Thu) 16:00~18:00	8F Lobby
383	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-597	Hye Rim Yeom	Ulsan National Institute of Science Technology	Minimizing optical losses in colorful semitransparent organic solar cells by using Sb ₂ O ₃ cavity based Fabry-Pérot etalon electrode	Dec. 12 (Thu) 16:00~18:00	8F Lobby
384	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-603	Sindhuja Manoharan	Jeju National University	Cobalt based metal organic framework synthesis with surfactants and their electrochemical property analysis as supercapacitors	Dec. 12 (Thu) 16:00~18:00	8F Lobby
385	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-614	Dhanasekar Kesavan	Jeju National University	Shrimp-shell derived chitosan as an efficient energy harvester for self-powered applications	Dec. 12 (Thu) 16:00~18:00	8F Lobby
386	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-625	Surjit Sahoo	Jeju National University	Hydrothermally synthesized Chalcopyrite as electrode material for supercapacitors	Dec. 12 (Thu) 16:00~18:00	8F Lobby
387	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-632	Daesung Jung	Pohang Accelerator Laboratory	Development of synchrotron radiation-based analysis techniques for energy-related nanomaterials	Dec. 12 (Thu) 16:00~18:00	8F Lobby
388	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-633	Yuvasee Purusothaman	Jeju National University	Intrinsic Reconfigurable Optofluidic Logic Devices Using Piezo-Phototronic Effect	Dec. 12 (Thu) 16:00~18:00	8F Lobby
389	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-635	Swapnil Shital Nardekar	Jeju National University	Two-dimensional MoS ₂ quantum sheet embedded PVDF as flexible piezoelectric nanogenerator for self-powered system	Dec. 12 (Thu) 16:00~18:00	8F Lobby
390	Energy Materials and Devices (solar, battery, and thermoelectrics)	THU-EN19-669	Yujin Jung	Korea University	Optimization of acidic etching on kerf-less silicon wafers for solar cell	Dec. 12 (Thu) 16:00~18:00	8F Lobby
391	Photonics, Plasmonics and Metamaterials	WED-PM19-013	EMMANUEL AMPADU	CHUNGNAM NATIONAL University	Lead sulfide photovoltaic infrared detectors using silver nanowires as top plasmonic nano antenna electrodes	Dec. 11 (Wed.) 18:00~20:00	8F Lobby

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392	Photonics, Plasmonics and Metamaterials	WED-PM19-068	Donggyu Kim	Sogang University	Amplified spontaneous emission in CsPbBr ₃ single crystal	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
393	Photonics, Plasmonics and Metamaterials	WED-PM19-086	Jungeun Song	Ewha Womans University	Characterizations of MoS ₂ monolayers on plasmonic Au nanostructures	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
394	Photonics, Plasmonics and Metamaterials	WED-PM19-110	ASHOK MONDAL	Center for Integrated Nanostructure Physics, Institute for Basic Science, Department of Energy Science,	All-dielectric SiO ₂ /TiO ₂ planar distributed Bragg reflector micro-cavity for confined optical standing wave generation	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
395	Photonics, Plasmonics and Metamaterials	WED-PM19-113	Eunso Shin	Chung-Ang University	Electrically Controlled Dynamic Beam Steering and Focusing via Metasurface Mirror with Graphene	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
396	Photonics, Plasmonics and Metamaterials	WED-PM19-119	Dongha Kim	Korea Advanced Institute of Science and Technology (KAIST)	Magneto-optical scattering from Neel-type magnetic domain wall in Pt/Co/Pt/Ta	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
397	Photonics, Plasmonics and Metamaterials	WED-PM19-147	Ji Eun Bae	Korea Advanced Institute of Science and Technology	Carbon nanotube saturable absorbers applicable for compact pulsed waveguide lasers near 1 μm	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
398	Photonics, Plasmonics and Metamaterials	WED-PM19-150	YOUNGSUN YUN	Advanced Photonics Research Institute, Gwangju Institute of Science and Technology	Superconducting nanowire single-photon spectrometer exploiting cascaded photonic crystal cavities	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
399	Photonics, Plasmonics and Metamaterials	WED-PM19-154	Silin Na	Kanghae Precision System	Dual-wavelength Digital Holography with Slightly Off-Axis Interferometry and polarization hologram	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
400	Photonics, Plasmonics and Metamaterials	WED-PM19-163	Minjee Ko	Daegu Gyeongbuk Institute of Science and Technology	Anomalous dispersion in ZnO nanoneedle arrays toward omnidirectional broadband anti-reflection	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
401	Photonics, Plasmonics and Metamaterials	WED-PM19-165	Yeseul Kim	Korea Advanced Institute of Science and Technology	On-chip biosensing based on silicon-rich silicon nitride microresonators pumped with a light-emitting diode	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
402	Photonics, Plasmonics and Metamaterials	WED-PM19-173	Byongjin Ma	KETI	Highly Reliable Chip-Scale Package Light-Emitting Diodes with embedded varistor in ceramic substrate	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
403	Photonics, Plasmonics and Metamaterials	WED-PM19-174	youngbum kim	Sungkyunkwan University	Near-field visualization of exciton diffusion at monolayer TMDs	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
404	Photonics, Plasmonics and Metamaterials	WED-PM19-175	Sanghyun Park	Sungkyunkwan University	Plasmon-phonon coupling: a non-Hermitian Hamiltonian perspective	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
405	Photonics, Plasmonics and Metamaterials	WED-PM19-202	Sun-Wook Park	Konkuk University	Transparent electrode electrically driven microdisk-LED	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
406	Photonics, Plasmonics and Metamaterials	WED-PM19-255	JAE PIL SO	Korea University	Deterministic positioning and polarization-control of quantum emitters in atomically thin semiconductors	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
407	Photonics, Plasmonics and Metamaterials	WED-PM19-275	Jaehee Koo	Inha University	Effects of Higher-order Resonant Modes in Fabry-Pérot Cavity-based Transmissive/Reflective Structural Color Filters on Optical Properties and Color Purity	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
408	Photonics, Plasmonics and Metamaterials	WED-PM19-341	Jaehyun Lim	Dankook University	A Study on the IoT-Based Real-Time Monitoring Device for Smoke Detection with a Cost-Effective Light Scattering-Based Fine Particle Sensor	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
409	Photonics, Plasmonics and Metamaterials	WED-PM19-348	Young Dong Kim	Kyung Hee University	Composition Dependence of the Dielectric Function of Sn _x Se _{1-x}	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
410	Photonics, Plasmonics and Metamaterials	WED-PM19-376	Hunkook Choi	Gwangju Institute of Science and Technology	Measurement of cigarette smoke particles using an optical fiber sensor	Dec. 11 (Wed.) 18:00~20:00	8F Lobby
411	Photonics, Plasmonics and Metamaterials	THU-PM19-074	Jeongbin Cho	Sogang University	Optical properties of β-Ga ₂ O ₃ as probed by nonlinear optical excitation spectroscopy	Dec. 12 (Thu.) 16:00~18:00	8F Lobby
412	Photonics, Plasmonics and Metamaterials	THU-PM19-145	Seokhyeon Hong	Chung-Ang University	Scattering direction analysis of Mie resonance at double cylinder	Dec. 12 (Thu.) 16:00~18:00	8F Lobby
413	Photonics, Plasmonics and Metamaterials	THU-PM19-155	Younghun Yu	Jeju National University	Digital Holographic Microscopy using Spherical Reference Wave and Polarization Hologram	Dec. 12 (Thu.) 16:00~18:00	8F Lobby
414	Photonics, Plasmonics and Metamaterials	THU-PM19-176	Hyeon-Seo Choi	Daegu Gyeongbuk Institute of Science and Technology	Epsilon engineering of metallic nano-hole arrays for broadband high optical transmission	Dec. 12 (Thu.) 16:00~18:00	8F Lobby
415	Photonics, Plasmonics and Metamaterials	THU-PM19-208	Young Jin Lee	Chung-Ang University	Plasmonic ruler for detecting rotation angle.	Dec. 12 (Thu.) 16:00~18:00	8F Lobby
416	Photonics, Plasmonics and Metamaterials	THU-PM19-267	Seong Won Lee	Korea University	Precise Coupling of Single Photon Emitters with Plasmonic Waveguides	Dec. 12 (Thu.) 16:00~18:00	8F Lobby
417	Photonics, Plasmonics and Metamaterials	THU-PM19-321	Dae-Gon Kim	Korea Advanced Institute of Science and Technology	On-chip sub-mW stimulated Brillouin lasers using As ₂ S ₃ ring resonators	Dec. 12 (Thu.) 16:00~18:00	8F Lobby
418	Photonics, Plasmonics and Metamaterials	THU-PM19-382	Tae Young Kim	Inha University	Broadband Near-Infrared Absorptions of Indium Tin Oxide Nanograting Hyperbolic Metamaterials using ENZ and ENP resonances	Dec. 12 (Thu.) 16:00~18:00	8F Lobby
419	Photonics, Plasmonics and Metamaterials	THU-PM19-403	Heesu Chung	Dankook University	SLA Based 3D Printing Process Using Lissajous Trajectory	Dec. 12 (Thu.) 16:00~18:00	8F Lobby
420	Photonics, Plasmonics and Metamaterials	THU-PM19-411	Jongmin Lee	KAIST	Enhancement of photoemission in plasmonic Yb nanostructure	Dec. 12 (Thu.) 16:00~18:00	8F Lobby
421	Photonics, Plasmonics and Metamaterials	THU-PM19-436	Eunji Ko	Ewha Womans University	Chemical enhancement study of Surface-Enhanced Raman Spectroscopy (SERS) by comparing Raman experiments and Finite-difference time domain (FDTD) simulation	Dec. 12 (Thu.) 16:00~18:00	8F Lobby
422	Photonics, Plasmonics and Metamaterials	THU-PM19-443	Donggyu Kim	Inha University	Transmissive Color Filters with Improved Color Purity using Higher-order Resonances in Dual-cavity Structures	Dec. 12 (Thu.) 16:00~18:00	8F Lobby
423	Photonics, Plasmonics and Metamaterials	THU-PM19-478	Chibuzo Onwukaeme	Inha University	Evaluation of internal quantum efficiency of InAs/GaAs quantum dot materials using power-dependent photoluminescence	Dec. 12 (Thu.) 16:00~18:00	8F Lobby

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#	Session	Presentation Code	Presenter's Name	Presenter's Affiliation	Title	Date & Time	Place
424	Photonics, Plasmonics and Metamaterials	THU-PM19-503	Gyu Wan Choi	konkuk University	Graphene optical modulator	Dec. 12 (Thu) 16:00~18:00	8F Lobby
425	Photonics, Plasmonics and Metamaterials	THU-PM19-535	Hyun Kim	Korea University	Mixed-dimensional ultrawide-bandgap p-n heterojunction of diamond/Ga2O3 for a solar-blind photodiode	Dec. 12 (Thu) 16:00~18:00	8F Lobby
426	Photonics, Plasmonics and Metamaterials	THU-PM19-545	Seulong Kim	Ajou University	Unusual characteristics of surface waves at the interface between two different bi-isotropic media	Dec. 12 (Thu) 16:00~18:00	8F Lobby
427	Photonics, Plasmonics and Metamaterials	THU-PM19-568	Sangsu Kim	Korea University	Performance enhancement of CdS/CdTe solar cells using Au nanoparticles by plasmon effect	Dec. 12 (Thu) 16:00~18:00	8F Lobby
428	Photonics, Plasmonics and Metamaterials	THU-PM19-583	Hongsun Ryu	Sogang University	Photophysical Properties and Carrier Dynamics of CsPbBr3 Single Crystal	Dec. 12 (Thu) 16:00~18:00	8F Lobby
429	Photonics, Plasmonics and Metamaterials	THU-PM19-591	Inkeon Ryu	Dankook University	Development of 3D microstructure surface profile measurement system based on HiLo optical imaging technique with dual-wavelength illumination	Dec. 12 (Thu) 16:00~18:00	8F Lobby
430	Photonics, Plasmonics and Metamaterials	THU-PM19-619	Woo Cheol Lee	Pukyong National University	The effect of sodium silicate solution on PiG fabricated by using microwave irradiation	Dec. 12 (Thu) 16:00~18:00	8F Lobby
431	Photonics, Plasmonics and Metamaterials	THU-PM19-627	Sung Jun Park	Pukyong National University	Stacked carbon dot film as color converter and blue block on phosphor in glass for warm WLEDs	Dec. 12 (Thu) 16:00~18:00	8F Lobby
432	Photonics, Plasmonics and Metamaterials	THU-PM19-640	Juho Park	Korea Advanced Institute of Science and Technology	Ultimate Light Trapping in a Free-Form Plasmonic Waveguide	Dec. 12 (Thu) 16:00~18:00	8F Lobby
433	Photonics, Plasmonics and Metamaterials	THU-PM19-659	Tae Gwan Park	KAIST	Ultrafast Carrier Dynamics in Metallic Single-Layer VSe2 and VSe2-Graphene Heterostructures	Dec. 12 (Thu) 16:00~18:00	8F Lobby
434	Photonics, Plasmonics and Metamaterials	THU-PM19-660	Won Tae Kim	KAIST	Refractive index engineering of nonlinear organic crystals for efficient Optical-to-THz Conversion	Dec. 12 (Thu) 16:00~18:00	8F Lobby
435	Photonics, Plasmonics and Metamaterials	THU-PM19-665	Ki-Jae Jeong	Pusan National University	Magnetic field-induced chiral self-assembly of magnetoplasmonic nanoparticles	Dec. 12 (Thu) 16:00~18:00	8F Lobby
436	Photonics, Plasmonics and Metamaterials	THU-PM19-666	Kangyeob Park	Korea Electronics Technology Institute	Si-based PWM photo receiver for optical power monitoring	Dec. 12 (Thu) 16:00~18:00	8F Lobby
437	Photonics, Plasmonics and Metamaterials	THU-PM19-667	Won-Seok Oh	Korea Electronics Technology Institute	Design and Implementation of 28Gbps Si-Photonics Detector in CMOS SOI Process	Dec. 12 (Thu) 16:00~18:00	8F Lobby
438	Spintronics and Magnetic Materials	TUE-SM19-078	SeongHyub Lee	Seoul National University	Huge Spin-Transfer Torque in Ferromagnetic Pd/Co/Pd Film	Dec. 10 (Tue) 18:00~20:00	8F Lobby
439	Spintronics and Magnetic Materials	TUE-SM19-108	DEBOTTAM DAW	Center for Integrated Nanostructure Physics (CINAP), Institute for Basic Science (IBS), Department of Energy	Room temperature spin valve using NiFe/h-BN/Graphene heterostructure	Dec. 10 (Tue) 18:00~20:00	8F Lobby
440	Spintronics and Magnetic Materials	TUE-SM19-115	June Seo Kim	DGIST	The strong correlation between inelastic light scattering signals and dielectric capping layer thickness	Dec. 10 (Tue) 18:00~20:00	8F Lobby
441	Spintronics and Magnetic Materials	TUE-SM19-134	Tien Van Manh	Chungbuk national University	Magnetocaloric effect of Sm1-xSrxCoO3 perovskites	Dec. 10 (Tue) 18:00~20:00	8F Lobby
442	Spintronics and Magnetic Materials	TUE-SM19-187	Heeyoung Kwon	Korea Institute of Science and Technology	Searching magnetic states using an unsupervised machine learning algorithm with the Heisenberg model	Dec. 10 (Tue) 18:00~20:00	8F Lobby
443	Spintronics and Magnetic Materials	TUE-SM19-190	Ji-Sung Yu	Seoul National University	Manipulation of Magnetic Anisotropy by Pt Under-Layer Thickness in Pt/Co/Pt Films	Dec. 10 (Tue) 18:00~20:00	8F Lobby
444	Spintronics and Magnetic Materials	TUE-SM19-196	Chun-Yeol You	Daegu Gyeongbuk Institute of Science and Technology (DGIST)	Interfacial magnetic properties in 3d-transition metal alloy thin films following tendency of the Slater-Pauling curve	Dec. 10 (Tue) 18:00~20:00	8F Lobby
445	Spintronics and Magnetic Materials	TUE-SM19-201	Nguyen Le Thi	Chungbuk National University	Influence of Thermal Treatments on Structure, Electrical and Magneto-Optical Properties of GeTe/Sb2Te3 Multilayers	Dec. 10 (Tue) 18:00~20:00	8F Lobby
446	Spintronics and Magnetic Materials	TUE-SM19-220	Eunchong Baek	Daegu Gyeongbuk Institute of Science and Technology	Limited stochastic current for energy optimized switching of spin-transfer-torque magnetic random-access memory	Dec. 10 (Tue) 18:00~20:00	8F Lobby
447	Spintronics and Magnetic Materials	TUE-SM19-226	Hee-Sung Han	Ulsan National Institute of Science and Technology (UNIST)	Deformation of a vortex core structure through the gyrotropic motion	Dec. 10 (Tue) 18:00~20:00	8F Lobby
448	Spintronics and Magnetic Materials	TUE-SM19-246	Jonghyeon Kim	Yonsei University	Optical Properties of Single Crystal CrI3 at Low Temperature	Dec. 10 (Tue) 18:00~20:00	8F Lobby
449	Spintronics and Magnetic Materials	TUE-SM19-257	Hanbum Park	Yonsei University	Observation of modulated spin-charge conversion ratio in 2D limit topological insulator by THz emission spectroscopy	Dec. 10 (Tue) 18:00~20:00	8F Lobby
450	Spintronics and Magnetic Materials	TUE-SM19-288	Han Gyu Yoon	Kyung Hee University	Versatile Motion Control of Magnetic Skyrmion Pair with Spin Transfer Torques	Dec. 10 (Tue) 18:00~20:00	8F Lobby
451	Spintronics and Magnetic Materials	TUE-SM19-293	Jeehoon Jeon	Korea Institute of Science and Technology	Magnetic-field-controlled diode using InAs nanowire	Dec. 10 (Tue) 18:00~20:00	8F Lobby
452	Spintronics and Magnetic Materials	TUE-SM19-299	Jeonghun Kim	Kookmin University	Neutron diffraction of Y-type hexaferrite Ba2Co2-xZnxFe12O22 (x=0.5, 1.0, 1.5, 2.0)	Dec. 10 (Tue) 18:00~20:00	8F Lobby
453	Spintronics and Magnetic Materials	TUE-SM19-300	Hyunkyung Choi	Kookmin University	Magnetism and hyperthermia properties of Co-doped MnFe2O4 nanoparticles	Dec. 10 (Tue) 18:00~20:00	8F Lobby
454	Spintronics and Magnetic Materials	TUE-SM19-303	Chanki Lee	Kyung Hee University, Korea Institute of Science and Technology	Stabilization of multiple magnetic structures on inverted interlayer coupling region of bilayer magnetic system	Dec. 10 (Tue) 18:00~20:00	8F Lobby
455	Spintronics and Magnetic Materials	TUE-SM19-306	Hyunkyung Choi	Kookmin University	Mössbauer studies of Zn0.05Fe2.95O4 nanoparticles	Dec. 10 (Tue) 18:00~20:00	8F Lobby
456	Spintronics and Magnetic Materials	TUE-SM19-316	Chunghye Nam	Hannam University	Role of nanocrystalline FeB in AlFe2B2 on room temperature magnetocaloric effects	Dec. 10 (Tue) 18:00~20:00	8F Lobby

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457	Spintronics and Magnetic Materials	TUE-SM19-330	Howon Lee	Yonsei University	Terahertz Spectroscopy of Spin Waves in HoFeO ₃ Single Crystals	Dec. 10 (Tue) 18:00~20:00	8F Lobby
458	Spintronics and Magnetic Materials	TUE-SM19-342	Jae Yeon Seo	Kookmin University	Magnetic structure and properties of Iron Sulfide compound by Mössbauer Spectroscopy	Dec. 10 (Tue) 18:00~20:00	8F Lobby
459	Spintronics and Magnetic Materials	TUE-SM19-347	InHak Lee	University of Seoul	Magnetic property control and observation of Topological Hall effect on Cr _{1-δ} Te	Dec. 10 (Tue) 18:00~20:00	8F Lobby
460	Spintronics and Magnetic Materials	TUE-SM19-368	Jaena Park	Chung-Ang University	ESR and FMR Studies of the van der Waals Ferromagnet CrSiTe ₃	Dec. 10 (Tue) 18:00~20:00	8F Lobby
461	Spintronics and Magnetic Materials	TUE-SM19-383	Yoonui Kim	Korea Advanced Institute of Science and Technology	Neuromorphic computing with multi-states anomalous Hall resistance due to DW motion in a single Hall cross	Dec. 10 (Tue) 18:00~20:00	8F Lobby
462	Spintronics and Magnetic Materials	TUE-SM19-385	Bumsub Song	Sungkyunkwan University	Evidence of strong pd-d hybridization near valence band edge in V-doped WSe ₂ monolayer	Dec. 10 (Tue) 18:00~20:00	8F Lobby
463	Spintronics and Magnetic Materials	TUE-SM19-387	Sooseok Lee	Ulsan National Institute of Science and Technology (UNIST)	Control of an Internal Structure of 180 Degree Magnetic Domain Wall	Dec. 10 (Tue) 18:00~20:00	8F Lobby
464	Spintronics and Magnetic Materials	TUE-SM19-398	Thi Nga Do	Ewha Womans University	Hexagonal Boron Nitride as a Substrate for High Quality Spintronic Devices	Dec. 10 (Tue) 18:00~20:00	8F Lobby
465	Spintronics and Magnetic Materials	TUE-SM19-424	Huimin Jeong	Chonbuk National University	Element-Specific Spin Dynamics of Ferromagnetic Trilayers	Dec. 10 (Tue) 18:00~20:00	8F Lobby
466	Spintronics and Magnetic Materials	TUE-SM19-437	Changjin Yun	Korea University	Stoner-Wohlfarth Model at Multi-Domain System	Dec. 10 (Tue) 18:00~20:00	8F Lobby
467	Spintronics and Magnetic Materials	TUE-SM19-440	Eun-Soo Lim	Korea National University of Transportation	Effect of graphite addition on the microwave absorption property of Z-type Sr-hexaferrite-epoxy composites.	Dec. 10 (Tue) 18:00~20:00	8F Lobby
468	Spintronics and Magnetic Materials	TUE-SM19-464	Seungha Yoon	Korea Institute of Industrial Technology (KITECH)	Two intermediate states in exchange biased [Co/Pt] ₂ /Co layers and its possible applications	Dec. 10 (Tue) 18:00~20:00	8F Lobby
469	Spintronics and Magnetic Materials	TUE-SM19-472	Ly Pham Ngoc Luu	Sungkyunkwan University	Probing anisotropic thermal transport in graphite using time-resolved magneto-optical Kerr effect	Dec. 10 (Tue) 18:00~20:00	8F Lobby
470	Spintronics and Magnetic Materials	TUE-SM19-473	Kyung-Hun Ko	Sungkyunkwan University	Optical way of determining spin diffusion length of ferromagnetic metal	Dec. 10 (Tue) 18:00~20:00	8F Lobby
471	Spintronics and Magnetic Materials	TUE-SM19-480	Young-Gwan Choi	SUNGKYUNKWAN University	Time-resolved observation of precessional motion of the magnetization vector driven by spin-orbit torque	Dec. 10 (Tue) 18:00~20:00	8F Lobby
472	Spintronics and Magnetic Materials	TUE-SM19-486	Youjin Lee	Seoul National University	Bulk properties of 2D van der Waals layered trimerized kagome material Nb ₃ I ₈	Dec. 10 (Tue) 18:00~20:00	8F Lobby
473	Spintronics and Magnetic Materials	TUE-SM19-514	Youn Ho Park	Korea Institute of Science and Technology	Complementary spin transistors in Rashba systems	Dec. 10 (Tue) 18:00~20:00	8F Lobby
474	Spintronics and Magnetic Materials	TUE-SM19-519	Kyu-hwe Kang	Sungkyunkwan University	Electron-phonon, electron-magnon, and magnon-phonon coupling constants of Fe, Co, and Ni	Dec. 10 (Tue) 18:00~20:00	8F Lobby
475	Spintronics and Magnetic Materials	TUE-SM19-521	Manh-Ha Doan	Sungkyunkwan University	Electrically controlled magnetoresistance in multilayer van der Waals materials via proximity effect	Dec. 10 (Tue) 18:00~20:00	8F Lobby
476	Spintronics and Magnetic Materials	TUE-SM19-530	Je-Ho Lee	Chung-Ang University	Raman study on 2D-limit magnetic excitations in RuCl ₃	Dec. 10 (Tue) 18:00~20:00	8F Lobby
477	Spintronics and Magnetic Materials	TUE-SM19-534	Rekikua Alemayehu	Sungkyunkwan University	Magnetic anisotropy of ferrimagnetic GdxCo _{1-x} alloy	Dec. 10 (Tue) 18:00~20:00	8F Lobby
478	Spintronics and Magnetic Materials	TUE-SM19-569	Min-Seung Jung	Daegu Gyeongbuk Institute of Science and Technology (DGIST)	Induced Exchange Bias by Spin Torque with Embedded Pt Phase within in Co-Ni-O Mixture Single Layer Film.	Dec. 10 (Tue) 18:00~20:00	8F Lobby
479	Spintronics and Magnetic Materials	TUE-SM19-570	Ji-Eun Yoo	Korea National University of Transportation	microwave absorption properties in spinel ferrite-epoxy composites.	Dec. 10 (Tue) 18:00~20:00	8F Lobby
480	Spintronics and Magnetic Materials	TUE-SM19-624	Miyoung Kim	Sookmyung Women's University	Site preference and magnetic properties of the single- and double-Mn doped transition-metal dichalcogenides of tungsten and sulfur	Dec. 10 (Tue) 18:00~20:00	8F Lobby
481	Spintronics and Magnetic Materials	TUE-SM19-643	Namkyu Kim	Ulsan National Institute of Science and Technology (UNIST)	The Limitation of First Order Reversal Curve Based on Classical Preisach Model	Dec. 10 (Tue) 18:00~20:00	8F Lobby
482	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-020	Seung Joong Kim	Korea Advanced Institute of Science and Technology (KAIST) / University of California, San Francisco (UCSF)	Integrative Structure and Functional Anatomy of a Nuclear Pore Complex (NPC)	Dec. 10 (Tue) 18:00~20:00	2F Lobby
483	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-022	Jong Wan SON	Konkuk University	New improvement of direct observation of selected ions concentration at the local position of hippocampal neuron using nano-pipette	Dec. 10 (Tue) 18:00~20:00	2F Lobby
484	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-033	Sara Arif	Ajou University	Thermo-responsive metal-insulator-metal optical resonator and its sensing applications	Dec. 10 (Tue) 18:00~20:00	2F Lobby
485	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-041	Muhammad Umar	Ajou University	Inkjet-printed biomaterial-based photonic components for single mode lasing and waveguide-coupling	Dec. 10 (Tue) 18:00~20:00	2F Lobby
486	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-060	Dongwoo Lee	Korea Advanced Institute of Science and Technology	Particle and cell separation from whole blood using inflection point focusing	Dec. 10 (Tue) 18:00~20:00	2F Lobby
487	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-061	Sumin Seo	Korea Advanced Institute of Science and Technology	Parylene microfluidic chip calorimeter for measurement of metabolic heat of mammalian cells	Dec. 10 (Tue) 18:00~20:00	2F Lobby
488	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-198	Yohan Choi	Korea Advanced Institute of Science and Technology	Deformability-based cell separation using inertial microfluidics in triangular channels	Dec. 10 (Tue) 18:00~20:00	2F Lobby
489	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-251	Sung Min Nam	Korea Advanced Institute of Science and Technology	Development and Characterization of microfluidic chip calorimeter for measurements of single cell metabolic rate	Dec. 10 (Tue) 18:00~20:00	2F Lobby

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490	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-270	Suk-Min Hong	Dankook University	Body Temperature Triggered Shape-Memory Polymers Based on Isosorbide and Castor Oil for self-expandable stents	Dec. 10 (Tue) 18:00~20:00	2F Lobby
491	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-273	Hyuck-Jin Kwon	Dankook University	Antifouling polyimide membranes based on silver nanoparticles with antimicrobial properties	Dec. 10 (Tue) 18:00~20:00	2F Lobby
492	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-310	Kyung Suk Lee	Kongju University	Live imaging of worms using microfluidic devices	Dec. 10 (Tue) 18:00~20:00	2F Lobby
493	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-323	Young-Seok SEO	WONTECH Co.,Ltd.	Endoscopic submucosal dissection using 1940nm high power diode laser: a porcine feasibility study	Dec. 10 (Tue) 18:00~20:00	2F Lobby
494	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-332	HyunSung Kim	Dankook University	Development of Uniform Coating Method for 3D Optical Measurement of Transparent Plastic Dental Device	Dec. 10 (Tue) 18:00~20:00	2F Lobby
495	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-335	Sung Bum Park	Kumoh National Institute of Technology	Fabrication of mesoporous silica nanoparticles for biomedical applications	Dec. 10 (Tue) 18:00~20:00	2F Lobby
496	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-338	Sung Bum Park	Kumoh National Institute of Technology	Improved efficiency of retrovirus gene transfer using functional silane - based complex platform	Dec. 10 (Tue) 18:00~20:00	2F Lobby
497	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-355	Yehyun Cho	Dankook University	The thickness estimation algorithm of cholesterol/lipid that reflects the effects of collagen and blood for the diagnosis of vulnerable plaques	Dec. 10 (Tue) 18:00~20:00	2F Lobby
498	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-378	Sung Bum Park	Kumoh National Institute of Technology	Fabrication of mesoporous silica nanoparticles for biomedical applications	Dec. 10 (Tue) 18:00~20:00	2F Lobby
499	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-381	Sung Bum Park	Kumoh National Institute of Technology	Improved efficiency of retrovirus gene transfer using functional silane - based complex platform	Dec. 10 (Tue) 18:00~20:00	2F Lobby
500	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-409	Inkeon Ryu	Dankook University	3D virtual H&E stained image processing with revised Beer-Lambert law based on optical tissue clearing method by using selective plain illumination microscopy	Dec. 10 (Tue) 18:00~20:00	2F Lobby
501	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-425	Narendar Gogurla	Ajou University	Piezoelectric nanogenerators using protein-ZnO nanocomposites for wearable and implantable bioelectronics	Dec. 10 (Tue) 18:00~20:00	2F Lobby
502	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-426	Biswajit Roy	Ajou University	Biomaterial-based skin-inspired optoelectronic device using melanin and silk protein hydrogel.	Dec. 10 (Tue) 18:00~20:00	2F Lobby
503	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-461	Chiuk An	Myongji University	A New XYZ Color Correction Algorithm Using Random Set of Three Colors	Dec. 10 (Tue) 18:00~20:00	2F Lobby
504	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-581	Kang Kim	Seoul National University	Click reaction-assisted immune cell targeting strategy improves tumor penetration depth of DOX-loaded nanoparticles	Dec. 10 (Tue) 18:00~20:00	2F Lobby
505	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-595	Kywook Hwang	Seoul National University of Science and Technology	A pH-sensitive biotransistor based on tyrosine-rich peptide/semiconducting single-walled carbon nanotube electronic film	Dec. 10 (Tue) 18:00~20:00	2F Lobby
506	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-602	Dongwook Lee	Seoul National University of Science and Technology	Non-destructive assembly of a single-walled carbon nanotube electronic film in large-scale for the third generation enzymatic biosensors	Dec. 10 (Tue) 18:00~20:00	2F Lobby
507	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-631	Haeyun Jung	Korea University	Nuclease-free detection of DNA methylation and effect of DNMT inhibitors via the B-Z transition.	Dec. 10 (Tue) 18:00~20:00	2F Lobby
508	Medical Physics, Bioelectronics and Biophotonics	TUE-BM19-654	Jun Kyun Oh	Dankook University	Nanoscale surface modification of material surfaces to improve anti-biofouling properties	Dec. 10 (Tue) 18:00~20:00	2F Lobby
509	Quantum Information and Mesoscopic Devices	THU-QI19-047	Nam-Hee KIM	Gwangju Institute of Science and Technology (GIST)	Dual-gate operation of Josephson junction made of (Bi _{0.82} Sb _{0.18}) ₂ Se ₃ topological insulator nanoribbon	Dec. 12 (Thu) 16:00~18:00	2F Lobby
510	Quantum Information and Mesoscopic Devices	THU-QI19-075	Bongkeon Kim	Gwangju Institute of Science and Technology	Fabrication and characterization of Nb superconducting coplanar waveguide resonators	Dec. 12 (Thu) 16:00~18:00	2F Lobby
511	Quantum Information and Mesoscopic Devices	THU-QI19-076	Tae-ha HWANG	Gwangju Institute of Science and Technology	Fractional Josephson effects and quantum electrical transport in (Bi _{1-x} Sb _x) ₂ Se ₃ topological insulator microflake	Dec. 12 (Thu) 16:00~18:00	2F Lobby
512	Quantum Information and Mesoscopic Devices	THU-QI19-080	Hong-Seok Kim	Gwangju Institute of Science and Technology (GIST)	Topological supercurrent and fractional Josephson effect in topological insulator nanoribbon	Dec. 12 (Thu) 16:00~18:00	2F Lobby
513	Quantum Information and Mesoscopic Devices	THU-QI19-081	Hong-Seok Kim	Gwangju Institute of Science and Technology (GIST)	Non-local quantum transport in (Bi _{1-x} Sb _x) ₂ Se ₃ topological insulator nanoribbons	Dec. 12 (Thu) 16:00~18:00	2F Lobby
514	Quantum Information and Mesoscopic Devices	THU-QI19-089	Chandan Biswas	Center for Integrated Nanostructure Physics (CINAP), Sungkyunkwan University (SKKU)	Interlayer Trions in 2D Transition Metal Dichalcogenide Heterostructures	Dec. 12 (Thu) 16:00~18:00	2F Lobby
515	Quantum Information and Mesoscopic Devices	THU-QI19-121	RAK-HEE KIM	Gwangju Institute of Science and Technology (GIST)	Multiple Andreev Reflections in Josephson Junctions based on Topological Insulator Nanoribbons	Dec. 12 (Thu) 16:00~18:00	2F Lobby
516	Quantum Information and Mesoscopic Devices	THU-QI19-130	Yeongmin Jang	Gwangju Institute of Science and Technology	Numerical Simulation of Fractional Josephson Effect in Topological Josephson Junction	Dec. 12 (Thu) 16:00~18:00	2F Lobby
517	Quantum Information and Mesoscopic Devices	THU-QI19-242	Hyeok Hwang	Korea Advanced Institute of Science and Technology	Optimization of Superconducting 2D Transmon Qubits : Flux Bias Control and Gate Operations	Dec. 12 (Thu) 16:00~18:00	2F Lobby
518	Quantum Information and Mesoscopic Devices	THU-QI19-317	Minkyung Jung	DGIST	Ballistic p-n junctions in three-dimensional Dirac semimetal Cd ₃ As ₂ nanowires	Dec. 12 (Thu) 16:00~18:00	2F Lobby
519	Quantum Information and Mesoscopic Devices	THU-QI19-452	Kwangil Bae	Sogang University	Generalized nonlocality criteria under the correlation symmetry	Dec. 12 (Thu) 16:00~18:00	2F Lobby
520	Quantum Information and Mesoscopic Devices	THU-QI19-455	Dongkeun Lee	Sogang University	Bell type correlations in the 1D infinite spin-1 chain	Dec. 12 (Thu) 16:00~18:00	2F Lobby
521	Quantum Information and Mesoscopic Devices	THU-QI19-463	Jiwon Yun	Seoul National University	Strong polarization of weakly coupled nuclear spins using nitrogen-vacancy color centers in diamond	Dec. 12 (Thu) 16:00~18:00	2F Lobby
522	Quantum Information and Mesoscopic Devices	THU-QI19-468	Yashar Mayamei	UST	Electrical characterization of graphene nanoribbon on h-BN	Dec. 12 (Thu) 16:00~18:00	2F Lobby

ICAMD2019 Poster Presentation Schedule

· Set-up : December 10 (Tue.) - December 12 (Thu.) 12:00-13:00

· Tear-Down : December 10 (Tue.) - December 11 (Wed.) 18:00-20:30

December 12 (Thu) 18:00-19:00

· Presentation Code : **Presentation Date** + Abstract Code (ex: **PO-2D19-001** → **TUE-2D19-001**)

· Presentation : December 10 (Tue.) - December 11 (Wed.) 18:00-20:00

December 12 (Thu) 16:00-18:00

#	Session	Presentation Code	Presenter's Name	Presenter's Affiliation	Title	Date & Time	Place
523	Quantum Information and Mesoscopic Devices	THU-QI19-498	Younghun Ryu	KAIST	Aluminum - InAs nanowire hybrid devices for observing Majorana zero modes	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
524	Quantum Information and Mesoscopic Devices	THU-QI19-508	Jeongmin Shim	Korea Advanced Institute of Science and Technology	Observation of the Kondo Screening Cloud of Micron Lengths: the theory	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
525	Quantum Information and Mesoscopic Devices	THU-QI19-510	Jihyeon Jeon	Chosun University	Valley-isospin dependence of conductance resonances through magnetic quantum dot in quantum Hall graphene	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
526	Quantum Information and Mesoscopic Devices	THU-QI19-522	Kyunghoon Jung	Seoul National University	Deep Learning Approach for Efficient Spectral Decomposition of Spin Resonance to Detect Nuclear Spins in Diamond	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
527	Quantum Information and Mesoscopic Devices	THU-QI19-540	Jisoo Choi	Korea Research Institute of Standards and Science	A study on the measurement-induced dephasing of superconducting transmon qubit in Ramsey experiments	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
528	Quantum Information and Mesoscopic Devices	THU-QI19-541	Junghyun Shin	Korea Advanced Institute of Science and Technology	Quantum Phase Transition of Superconducting Ta Thin Film with Artificial Periodic Pinning Centers	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
529	Quantum Information and Mesoscopic Devices	THU-QI19-547	June-Young Lee	KAIST	Entanglement in Parafermion systems	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
530	Quantum Information and Mesoscopic Devices	THU-QI19-557	Juho Choi	Korea Advanced Institute of Science and Technology	Charge kondo effects in a quadruple quantum	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
531	Quantum Information and Mesoscopic Devices	THU-QI19-560	Wanki Park	Korea Advanced Institute of Science and Technology	Theoretical study on electron arrival time detection by a dynamical barrier	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
532	Quantum Information and Mesoscopic Devices	THU-QI19-567	Cheolhee Han	KAIST	Detecting the anyon braiding and topological vacuum bubbles in an anyon interferometer	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
533	Quantum Information and Mesoscopic Devices	THU-QI19-582	Dongsung Park	KAIST	Monoenergetic Hot Electron Magnetic Focusing	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
534	Quantum Information and Mesoscopic Devices	THU-QI19-584	Seokyeong Lee	KAIST	Numerical Study of Transverse Magnetic Focusing using KWANT	Dec. 12 (Thu.) 16:00~18:00	2F Lobby
535	Quantum Information and Mesoscopic Devices	THU-QI19-672	Wonjin Jang	Seoul National University	High visibility single-shot read out of singlet-triplet qubits in a micromagnet integrated quadruple quantum dot array	Dec. 12 (Thu.) 16:00~18:00	2F Lobby