

Poster Presentations					
Date	NO.	Name	Affiliation	Country	Poster Title
Day 1 2018-10-29 16:45- 18:45	P1-1	Alexandre Budiman Taslim	Kyushu University	Japan	Epitaxial Growth of Large Grain, Monolayer h-BN and Application to Gas Barrier Layer
	P1-2	Hao Hong	Peking University	China	Robust Stacking-Independent Ultrafast Charge Transfer in MoS ₂ /WS ₂ Bilayers
	P1-3	Houcine Bouzid	Sungkyunkwan University	Korea	SnS ₂ based 2D dilute magnetic semiconductors with high Curie temperature
	P1-4	Zeun Wang	Chinese Academy of Sciences	China	Electric-field control of magnetism in few-layered ferromagnetic semiconducting Cr ₂ Ge ₂ Te ₆
	P1-5	Hyun Kim	Sungkyunkwan University	Korea	Role of alkali metal promoters in monolayer transition metal dichalcogenides growth
	P1-6	Li Gao	University of Science and Technology Beijing	China	Uncovering electronic trapping mechanism through single vacancy-engineering of monolayer MoS ₂
	P1-7	Minsu Kim	Yonsei University	Korea	Anisotropic band dispersion of PdSe ₂ observed by angle-resolved photoemission spectroscopy
	P1-8	Ruixi Qiao	Peking University	China	Visualizing grain boundaries in monolayer MoSe ₂ using mild H ₂ O vapor etching
	P1-9	Sehwan Park	Sungkyunkwan University	Korea	NbSe ₂ -WSe ₂ lateral heterostructure grown by CVD
	P1-10	Seok Joon Yun	Sungkyunkwan University	Korea	Room-temperature ferromagnetism in monolayer WSe ₂ semiconductor via vanadium dopant
	P1-11	Teng Yang	Chinese Academy of Sciences	China	Enhanced doping effect on tuning structural phases of monolayer antimony
	P1-12	Travis Novak	KAIST	Korea	Low-cost black phosphorus production and its application to PEDOT:PSS thermoelectric composite films
	P1-13	Quoc An Vu	Sungkyunkwan University	Korea	Tunable Negative Differential Resistance in van der Waals Heterostructures by Tailoring Interface
	P1-14	Yang Qian	The University of Tokyo	Japan	Synthesis of 1-Dimensional and 2-Dimensional Molybdenum Disulfide Heterostructures for Application in Solar Cells
	P1-15	Koki Terashima	Nagoya University	Japan	Controlled growth of transition metal dichalcogenide thin films with molecular beam epitaxy
	P1-16	Takato Hotta	Nagoya University	Japan	Exciton Diffusion in hBN-encapsulated Monolayer TMDs
	P1-17	Jin Kim	KAIST	Korea	High Quality Non-oxidized Graphene Aerogel for Epoxy Composite with Excellent Fracture Toughness and Electrical Conductivity
	P1-18	Un Jeong Kim	Samsung Advanced Institute of Technology	Korea	Raman Modes of Graphene activated by Localized Surface Plasmons
	P1-19	Minsu Park	KAIST	Korea	Blue AC-Electroluminescence from Graphene Quantum Dots with Preservation of Solid-State Photoluminescence
	P1-20	Yutao Niu	Chinese Academy of Sciences	China	The <i>In-situ</i> fabrication of multi-level graphene fiber and its applications
	P1-21	Pablo Solís-Fernández	Kyushu University	Japan	Purely AB-Stacked Bilayer Graphene Grown on Cu-Ni Films
	P1-22	Pingwei Wu	University of Science and Technology Beijing	China	Three-dimensional holey-graphene/NiO for the ion transport kinetics enhancement to improve Oxygen Evolution Reaction
	P1-23	Qi Li	University of Science and Technology Beijing	China	Tuneable and lightweight VS ₄ @rGO nanocomposites as high- performance electromagnetic wave absorption material
	P1-24	Taishi Haga	Tokyo Institute of Technology	Japan	Effects of carbon impurity-induced states in h-BN substrate on the electronic properties of graphene
	P1-25	Liangwei Yang	Peking University	China	In-situ Synthesis of Graphene/TiO ₂ Nanocomposites via Microwave Oven as Anode Materials for Li-ion Batteries
	P1-26	Yang Li	Tohoku University	Japan	Proximity spin-orbit coupling in graphene on transition-metal dichalcogenides stacked with general rotation angles
	P1-27	Yeongsup Sohn	Yonsei University	Korea	Angle-resolved photoemission study on Bi-intercalated graphene
	P1-28	Young-Seok Shim	KAIST	Korea	Role of graphene quantum dots on metal-oxide nanowall for reversible room-temperature gas sensor
	P1-29	Youngjo Jin	Institute for Basic Science	Korea	Coulomb drag behavior in graphene/MoS ₂ heterointerface
	P1-30	Yuta Seo	University of Tokyo	Japan	Resonant tunneling and negative differential conductance in trilayer graphene/hBN/monolayer graphene van der Waals heterostructures

Day 2 2018-10-30 17:00- 18:30	P2-1	Ahmed Shawky	The University of Tokyo	Japan	Cultivating SWCNTs by Robust Doping and Coaxial Wrapping: Toward Applicable Devices
	P2-2	Michiko Edo	Waseda University	Japan	Combinatorial Screening of Binary Metal Catalyst for Chirality-Selective Growth of Single-Wall Carbon Nanotubes
	P2-3	Keisuke Hori	Waseda University	Japan	High Energy Density LIB Full Cells with CNT Sponge-Based S Cathode and Si Anode
	P2-4	Sae Kitagawa	Waseda University	Japan	Facile fabrication of textured CNT electron emitters via rapid few-minute processes for X-ray tubes
	P2-5	Mochen Li	Waseda University	Japan	Facile Catalyst Deposition Using Mist for Fluidized-Bed Production of Sub-Millimeter-Long Carbon Nanotubes
	P2-6	Linquan Ping	University of Science and Technology of China	China	Press transfer of vertically aligned carbon nanotube arrays and their applications
	P2-7	Masahiro Matsunaga	Nagoya University	Japan	Wearable Triboelectric Generator Based on Carbon Nanotube Thin Film
	P2-8	Tomonari Shiraishi	Kyushu University	Japan	Investigation of chemical reaction systems for two-point modification in locally functionalized single-walled carbon nanotubes
	P2-9	Song Jiang	ShanghaiTech University	China	Carbon-welded single-wall carbon nanotubes for high- performance flexible transparent conductive films
	P2-10	Qidong Liu	Peking University	China	Growth of Carbon Nanotubes Using Cobalt Silicide
	P2-11	Takeshi Tanaka	AIST	Japan	Sorting of Large Diameter Carbon Nanotubes by Column Chromatography using Sodium Taurocholate
	P2-12	Guowei Wang	AIST	Japan	Precise carrier density control of SWCNTs by binary molecule encapsulation
	P2-13	Rong Xiang	he University of Tokyo	Japan	Growth mechanism of single-walled carbon nanotubes co-axially wrapped with hexagonal boron nitride nanotubes
	P2-14	Xiaohua Zhang	CAS	China	Improving the interfacial electron and heat transfer towards high ampacity for carbon nanotube fibers
	P2-15	Yunxiang Bai	Tsinghua University	China	Ultralong Carbon Nanotubes with Near-Theoretical-Limit Superdurability
	P2-16	Zequn Wang	Peking University	China	Structure-Controlled Growth of Single-Walled Carbon Nanotube Arrays
	P2-17	Yusuke Nakanishi	Nagoya University	Japan	Template Synthesis of One-dimensional Transition-metal Chalcogenides Inside Carbon Nanotubes
	P2-18	Feng Yang	Peking University	China	In Situ Study on Catalysts for Controlled Growth of Carbon Nanotubes
	P2-19	Abdul Majeed	University of Chinese Academy of Sciences	China	High Performance Flexible Supercapacitor Electrodes Based on SWCNTs Decorated with Carbon-Covered NiO Nanoparticles
	P2-20	Sidi Fan	Sungkyunkwan University	Korea	Near-zero hysteresis and near-ideal subthreshold swing in h-BN encapsulated single-layer MoS ₂ field-effect transistors
	P2-21	Ho Min Choi	Sungkyunkwan University	Korea	Unusual Carrier Transports within Layered Channels of MoS ₂ Field-Effect Transistors through Edge Contact
	P2-22	Taiga Kashima	Nagoya University	Japan	Design and fabrication of carbon nanotube flexible analog ICs
	P2-23	Nguyen T. Hung	Tohoku University	Japan	Molybdenum Sulfide Polymer with High Capacity for Sodium-ion Battery
	P2-24	Minh Dao Tran	Sungkyunkwan University	Korea	Two-terminal Multibit Optical Memory based on Van der Waals Heterostructure
	P2-25	Zhexi Xiao	Tsinghua University	China	Egg-structural Si@Si ₃ N ₄ @C anode with admirable cyclability, rate capability and initial coulombic efficiency
	P2-26	Xue-Qiang Zhang	Tsinghua University	China	Columnar Lithium Metal Anodes
	P2-27	Seonghyun Bae	Sungkyunkwan University	Korea	Enhancing Mechanical Property of Conductive Flexible Fibers by Structural Modification
	P2-28	Bo-Quan Li	Tsinghua University	China	Porphyrin Organic Frameworks and Their Applications in Energy Electrocatalysis
	P2-29	C. Muhammed Ajmal	Sungkyunkwan University	Korea	In-situ synthesized silver nanoparticles for highly conductive flexible polyvinyl alcohol fibers
	P2-30	Lixin Zhou	University of Science and Technology Beijing	China	Thermosensitive liposomes encapsulating with NIR- absorptive agent for programmed sustained drug release based on photothermal effect
	P2-31	Zhou Kang	University of Science and Technology Beijing	China	TBA
	P2-32	Sheng Zhu	Peking University	China	TBA