

Jul. 1 (Sun.)		1F						2F	
Time / Place	Lobby	Room A 101+102	Room B 106	Room C 107	Room D 109	Room E 110	Room F 104+105	Room G 103+108	Lobby
16:00-18:00	120'	Honorary Plenary Lecture [2F, #205]							
		Prof. Alan J. Heeger (Univ. of California, Santa Barbara, USA)							
		Prof. Richard Kaner (Univ. of California, Los Angeles, USA): In Honor of Late Prof. Alan G. MacDiarmid							
		Yung Woo Park (Seoul Nat'l Univ., Korea): In Honor of Prof. Hideki Shirakawa							
		Prof. Ruth Astrid Olivia Gräslund (Stockholm Univ., Sweden) "The Amyloid Beta Peptide in Alzheimer's Disease: Molecular Interactions and Structure Conversions Studied by Biophysical Methods"							
18:00-20:00	120'	Dr. Misoon Mah (Air Force Office of Scientific Research (AFOSR), USA) "AFOSR International Initiatives"							
Welcome Reception [2F, Lobby]									

Jul. 2 (Mon.)		1F						2F	
Time / Place	Lobby	Room A 101+102	Room B 106	Room C 107	Room D 109	Room E 110	Room F 104+105	Room G 103+108	Lobby
08:00-08:30	30'	Opening Ceremony [2F, Auditorium]							
08:30-09:10	40'	Plenary 1. Prof. Olle Inganäs (Linköping University, Sweden) "Catching light with Organic Photovoltaics" [2F, Auditorium]							
09:10-09:50	40'	Plenary 2. Prof. Kazushi Kanoda (University of Tokyo, Japan) "Diverse Manifestations of Electron Correlation in Organic Conductors" [2F, Auditorium]							
09:50-10:30	40'	Plenary 3. Prof. Jürgen Rühle (University of Freiburg, Germany) "Tailormade Surfaces for the Generation of Novel Bioinspired Materials" [2F, Auditorium]							
10:30-11:00	30'	Coffee Break							
11:00-12:10	70'	MoA1	MoB1	MoC1	MoD1	MoE1	MoF1		
		OFET I	OPV I	2D Materials I	Theory	Materials for Electronics I	π-Conjugated Materials I		
		[MoA1-1] Solid-State Electrolyte-Gated Insulator for Low-Voltage and High Performance Organic Field-Effect Transistors (Yong-Young Noh, Dongguk Univ.)	[MoB1-1] Non-Fullerene Acceptors - Molecular Origin of Photostability and Its Impact on Solar Cell Performance (Ji-Seon Kim, Imperial College London)	[MoC1-1] Gate Induced Superconductivity in Transition Metal Dichalcogenides (Alberto Morpurgo, Univ. of Geneva)	[MoD1-1] Exchange Interactions in Molecular Materials (Ben Powell, Univ. of Queensland)	[MoE1-1] π -Conjugated and Deconjugated (Macro) Molecules for Charge Transport and Light Processing (Antonio Facchetti, Northwestern Univ.)	[MoF1-1] Conjugated Polymers-Based Multifunctional Materials with Stimuli-Responsive Helical Structures and Chiroptical Properties (Kazuo Akagi, Ritsumeikan Univ.)		
		[MoA1-02] Investigations into the Correlation between Thin Film Morphology, Contact Resistance and Photoresponse in Conjugated Polymer Based Field Effect Transistors (Vipul Singh, Indian Institute of Tech. Indore)	[MoB1-12] High-Efficiency Photovoltaic Cells with Semi-Crystalline and Wide Optical Band Gap Polymers (Jin Young Kim, UNIST)	[MoC1-12] Two-Dimensional materials: Physics and Applications (Marija Drndic, Univ. of Pennsylvania)	[MoD1-02] Electronic State and Optical Response in a Hydrogen-Bonded Molecular Conductor (Makoto Naka, Waseda Univ.)	[MoE1-12] Design and Synthesis of Quinoidal Molecules for Organic Electronic Devices (Dong-Yu Kim, GIST)	[MoF1-12] On-Surface Synthesis of 1-Dimensional π -Conjugated Carbon Systems (Oliver Gröning, Empa Materials Science and Tech.)		
		[MoA1-03] Split-Gate Ambipolar Organic Thin-Film Transistors and Circuits (Hocheon Yoo, POSTECH)	[MoB1-03] Ternary Solar Cells Featuring Enhanced Open Circuit Voltage, Power Conversion Efficiency and Stability (Chuanfei Wang, Linköping Univ.)	[MoC1-03] Polarity Control of MoTe ₂ Field-Effect Transistors by Accelerating Surface Charge Transfer (Junhee Choi, Ewha Womans Univ.)	[MoD1-03] Energy Landscape of Charge Excitations in The Boundary Region between Dimer-Mott and Charge Ordered States in Molecular Solids (Masao Ogata, Univ. of Tokyo)	[MoE1-03] Biazulene Diimides: A New Class of Organic Semiconductors (Xike Gao, Chinese Academy of Sciences)	[MoF1-03] Electrical Transport of Carbonized Polymer Nanofibers and Comparison with Polymer Nanofibers (Kyung Ho Kim, Chalmers Univ. of Tech.)		
		[MoA1-04] No Strain No Gain: Strain Tunable Single Crystal Organic Field Effect Transistors (Andrey Bardin, Russian Academy of Sciences)	[MoB1-04] Impact of Device Polarity on The Photovoltaic Performance of Polymer Solar Cells (Mengmeng Li, Eindhoven Univ. of Tech.)		[MoD1-04] Ground State Properties of κ -BEDT-TTF2X; 3/4-Filled Case and Carrier Doping (Hitoshi Seo, RIKEN)				
12:10-13:30	80'	Lunch							
		MoA2	MoB2	MoC2	MoD2	MoE2	MoF2		
		OFET II	OPV II	Graphene I	New Organic Conductors I	Materials for Electronics II	Materials for OPV I		
		[MoA2-1] Small-Molecule, Low-Voltage p-Channel and n-Channel Organic Thin-Film Transistors for Flexible Organic Circuits (Hagen Klauk, Max Planck Institute for Solid State Research)	[MoB2-1] Relating Polymer Synthesis and Structure to Solar Cell Performance (Barry Thompson, Univ. of Southern California)	[MoC2-1] Valley-Symmetric Carrier Guiding in Ballistic Graphene (Hu-Jong Lee, POSTECH)	[MoD2-1] Exploration of Molecular Conductors with Hydrogen-Bond Dynamics (Akira Ueda, The Univ. of Tokyo)	[MoE2-1] Low Conformational Disorder Semiconducting Polymers for Transistor Applications (Iain McCulloch, KAUST)	[MoF2-1] Semiconducting Polymers Using New Donating and Accepting Building Blocks for Organic Photovoltaic Cells (Do-Hoon Hwang, Pusan Nat'l Univ.)		
[MoA2-02] Light-Emitting Field-Effect Transistors based on Polyfluorene – Cesium Lead Halide Nanocrystals Composite Films (Andrey Aleshin, Ioffe Institute)	[MoB2-12] Multi-Layered Polymer Solar Cells Utilizing Spontaneous Spreading Process (Jung-Yong Lee, KAIST)	[MoC2-12] Experimentally Tuning Graphene's Pseudospin Polarization and Valley Splitting (Markus Morgenstern, RWTH Aachen Univ.)	[MoD2-12] Crystallization and Vitrification of Strongly Correlated Electrons on A Geometrically Frustrated Triangular Lattice (Kenichiro Hashimoto, Tohoku Univ.)	[MoE2-02] Supramolecular Organization in Alkyl-Thienyl Disubstituted Flavanthrone Derivatives - New Donor-Acceptor-Donor Organic Semiconductors (Robert Nowakowski, Institute of Physical Chemistry of the Polish Academy of Sciences)	[MoF2-02] Thieno[3,4-b]thiophene-Based Small-Molecule Photovoltaic Materials (Xiaozhang Zhu, Chinese Academy of Sciences)				

13:30-15:30	120'	Exhibition	[MoA2-O3] FTM as A Highly Facile Method Towards Fabrication of Macroscopically Oriented Thin Films for Anisotropic Electronic Devices (SHYAM S. PANDEY, Kyushu Institute of Tech.)	[MoB2-O3] Coherent Hole Transfer in OPV Blends with Non-Fullerene Acceptors (Chunfeng Zhang, Nanjing Univ. of Tech.)	[MoC2-I3] Plasmons and Sensing in Graphene Devices (Mikael Fogelström, Chalmers Univ. of Tech.)	[MoD2-I3] Molecular Bilayer Conductors (CNB-EDT-TTF)4X; Progresses in New Prototype of 2D Metals (Manuel Almeida, Universidade de Lisboa)	[MoE2-I3] Close-Packed Organic Semiconductors Designed for Ideal Field-Effect Transistor Characteristics (Jeong-Il Park, Samsung Advanced Inst. of Tech.)	[MoF2-I3] Toward High Performance Organic Solar Cells: Development of Conjugated Polymers (Hae Jung Son, KIST)	Registration	
			[MoA2-O4] Removing The Current-Limit of Vertical Organic Field Effect Transistors (Gil Sheleg, Technion)	[MoB2-O4] Loss Processes in Non-Fullerene Acceptor Bulk Heterojunction Solar Cells (Frédéric Laquai, KAUST)	[MoC2-I4] Graphene at The Charge Neutrality Point: Sensing at Terahertz Frequency Domain (Sergey Kubatkin, Chalmers Univ. of Tech.)	[MoD2-O4] Magnetic Properties in New Organic pi-d Systems Lambda-Lambda'- and Kappa-(STF)2FeX4 (X = Cl, Br) (Takaaki Minamide, Hokkaido Univ.)	[MoE2-O4] New Heterotriacenes: Optoelectronic Characterization of Selenophene and Thiophene Fused Semiconductors. (Elena Mena-Osteritz, Ulm Univ.)	[MoF2-O4] Charge Generation Dynamics in Non-Fullerene Organic Photovoltaic Blend With Small Photovoltage Loss (Philip Chow, HKUST)		
			[MoA2-O5] 3D Integration of Printed Organic Dual-Gate FETs on A Flexible Substrate (Jimin Kwon, POSTECH)	[MoB2-O5] Printed Nonfullerene Organic Solar Cells with the Highest Efficiency of 9.5% (Lintao Hou, Jinan Univ.)	[MoC2-O5] Magnetic Field-Induced Metal-Insulator Transition of Graphene at A Filling Factor v=0 (Sung Ju Hong, Leibniz Universität Hannover)	[MoD2-O5] Metal-Insulator Transition and Magnetocapacitance Effect in alpha''-(BEDT-TTF)2RbCo(SCN)4 (Satoshi Iguchi, Tohoku Univ.)	[MoE2-O5] Stepwise Stille Polycondensation: A Simple Yet Effective Tool for Ultrahigh-Quality Semiconductor Precision (Lee Sang Myeon, UNIST)	[MoF2-I5] Impact of Side Chain Engineering and Molecular Weight Control of Polymer Acceptors in All-Polymer Solar Cells (Bumjoon Kim, KAIST)		
			[MoA2-I6] Ion Gel-Gated Vertical Graphene Schottky Barrier Transistors on Plastic (Jeong Ho Cho, Sungkyunkwan Univ.)	[MoB2-O6] Morphology Control and Photophysics in Ternary Organic Solar Cells (Xiaotao Hao, Shandong Univ.)		[MoD2-O6] Cantilever Torque Magnetometry Experiments for Organic Molecular Conductors, TPP[Mn(Pc)(CN)2]2 and [Mn(Pc)(CN)2]O (Kiyoshi Torizuka, Univ. of Tokyo)	[MoE2-O6] Synthesis and Properties of Organic Semiconductors: Analogues of Rubrene and Derivatives of Antracene (Xiaotao Zhang, Tianjin Univ.)	[MoF2-O6] Benzo[1,2-c:4,5-c']Dithiophene-4,8-Dione-, Thiadiazolo Isoindole Dione- and Triazolo Isoindole Dione-Containing Polymers for Solar Cell Applications (Wendimagedgn Mammo Deneke, Addis Ababa University)		
15:30-15:55	25'		Coffee Break							
			MoA3	MoB3	MoC3	MoD3	MoE3	MoF3		
			OFET III	Electronic Properties and Application I	Topological Materials	Dirac Materials	π-Conjugated Materials II	Materials for OPV II		
15:55-17:30	95'		[MoA3-I1] Organic Field-Effect Transistors based on Semiconducting Donor-Acceptor Polymers (Yunqi Liu, Chinese Academy of Sciences)	[MoB3-I1] Synthesis and Applications of Conducting Polymer Nanofibers and Oligomers (Richard Kaner, Univ. of California)	[MoC3-I1] Revealing Topological Edge States in Bismuth Nanowires by Proximity Induced Superconductivity (HELENE BOUCHIAT, CNRS France)	[MoD3-I1] Transport Phenomena in Molecular Massless Dirac Electron Systems with Tilted Cones (Naoya Tajima, Toho Univ.)	[MoE3-I1] From Discrete Metal-Ligand Motifs to Supramolecular Assembly, Nanostructures and Light-Enabled Functions (Vivian Wing-Wah Yam, The Univ. of Hong Kong)	[MoF3-I1] Multi-Junction Polymer Solar Cells: Status and Challenges (Rene Janssen, Eindhoven Univ. of Tech.)		
			[MoA3-O2] Organic Anti-Ambipolar Transistor: Operation Mechanism, Device Properties and Application to Multi-Level Logic Circuits (Yutaka Wakayama, NIMS)	[MoB3-I2] Electroactive Composite Materials for Supercapacitors (Carita Kvarnström, Univ. of Turku)	[MoC3-I2] Large Anomalous Hall Current Induced by Topological Nodal Lines in A Ferromagnetic Van Der Waals Material (Jun Sung Kim, POSTECH)	[MoD3-O2] Possible Emergence of Topological Phases in An Organic Dirac Fermion System (Toshihito Osada, Univ. of Tokyo)	[MoE3-O2] Synthesis and Application of Triplet Tellurophene-Based Materials (Hui Huang, Univ. of Chinese Academy of Sciences)	[MoF3-O2] Direct Arylation Polycondensation: Facile Synthesis Ofconjugated Polymers for OPV Application (Junpei Kuwabara, Univ. of Tsukuba)		
			[MoA3-O3] Positional Profiling of Optical Anisotropy in Large Area Oriented Conducting Polymer Films by An Ingenious and Economical Approach (NIKITA KUMARI, Kyushu Institute of Tech.)	[MoB3-O3] Different Synthesis Techniques of PEDOT Nanostructures and Their Performance of Electrochemical Supercapacitors (Byung Chul Kim, SunChon Nat'l Univ.)	[MoC3-I3] Characteristic Frequency Dependence of Optical Conductivity in Topological Semimetals (Hongki Min, Seoul Nat'l Univ.)	[MoD3-O3] High Pressure Transport and Raman Measurements of The 3D Dirac Semimetal Candidate ET-Ag4(CN)5 (Andhika Kiswandi, Kyoto Univ.)	[MoE3-O3] Novel s-Tetrazine Based Donor-Acceptor Molecules: Synthesis and Application (Yangyang Qu, PPSM, CNRS, ENS Paris-Saclay)	[MoF3-I3] Fused-Ring Electron Acceptors for High-Performance Organic Solar Cells (Xiaowei Zhan, Peking Univ.)		
			[MoA3-O4] Influence of Fluorine Atoms in Polymeric Dielectriclayers on Charge Transports through DPP-Based D-A Type Copolymer Films (Yi-Na Moon, Pukyong Nat'l Univ.)	[MoB3-O4] Enhanced Charge Injection Using the Source-Drainelectrodes with Different Work Functions for Hybrid Light Emitting Transistors (Yu Jung Park, Dong-A Univ.)	[MoC3-I4] Topological Phases in Thin Films of Materials with Inverted Band Structures (Fedor Kusmartsev, Loughborough Univ.)	[MoD3-I4] Universal Phase Diagram of The λ, λ' and λ'' Salts (Noriaki Matsunaga, Hokkaido Univ.)	[MoE3-O4] Singlet-Triplet Energy Difference: Theoretical Revisit to The Role of Torsional Angles between Electron-Donorand Acceptor Units (Dongwook Kim, Kyonggi Univ.)	[MoF3-O4] Transition Temperatures of Hetero-Junction Blends in Polymer Solar Cells (Mats Andersson, Flinders Univ.)		
			[MoA3-O5] ChargeTransports in Cyclopentadithiophene-Based D-A Type Semiconducting Copolymers (Jiyoul Lee, Pukyong Nat'l Univ.)	[MoB3-O5] Solution-Processed Perylene Bisimide Films for Promising Thermoelectric Application (Yuguang Ma, South China Univ. of			[MoE3-O5] Synthesis of Curved π-Conjugated Molecules with Controllable Aromaticity (Junzhi Liu, Technische Universität Dresden)	[MoF3-O5] Influence of Blend Morphology and Energeticson Charge Separation and Recombination Dynamics in Organic Solar Cells Incorporatinga Non-Fullerene Acceptor (Hyojung Cha, Imperial College London)		
			[MoA3-O6] Integrated Circuits based on Conjugated Polymer Monolayer (Kamal Asadi, Max-Planck Institute for Polymer Research)							
19:00-21:00	120'		Poster Session I & Coffee Break							

Jul. 3 (Tue.)		1F							2F
Time / Place	Lobby	Room A 101+102	Room B 106	Room C 107	Room D 109	Room E 110	Room F 104+105	Room G 103+108	Lobby
08:30-09:10	40'	Plenary 4. Dr. Ick Chan Kwon (KIST, Korea) " Theragnostic Nanomedicine " [2F, Auditorium]							
09:10-09:50	40'	Plenary 5. Prof. Paul Blom (Max Planck Institute for Polymer Research, Mainz, Germany) " Hole Trap Formation in Polymer Light-emitting Diodes Under Current Stress " [2F, Auditorium]							
09:50-10:30	40'	Plenary 6. Prof. Claude Bourbonnais (Université de Sherbrooke, Canada) " Quantum Criticality in Low Dimensional Organic Superconductors " [2F, Auditorium]							
10:30-11:00	30'	Coffee Break							
		TuA1	TuB1	TuC1	TuD1	TuE1	TuF1		
		OLED I	Optoelectronic Properties I	Graphene II	1D Materials	Biomaterials and Biomimetic Structure	Materials for OPV III		

11:00-12:10	70'	[TuA1-1] Fully Printing Film Organic Light-Emitting Diode Displays (Junbiao Peng, South China Univ. of Tech.)	[TuB1-1] Tuning Conjugated Polymer Optoelectronic Properties via Molecular Conformation (Donal D.C. Bradley, Univ. of Oxford)	[TuC1-1] "Beyond" Graphene-Enabled Nano/Bio Hybrids for Programmable Chemical Detection (A. T. Charlie Johnson, Univ. of Pennsylvania)	[TuD1-1] Angular Magnetoresistance of Quasi-One-Dimensional Organic Conductors at Very High Magnetic Field (Woun Kang, Ewha Womans Univ.)	[TuE1-1] Single Molecule Detection of Roadblocks on Refolding DNA Hairpins (Vincent Croquette, LPS-ENS-CNRS)	[TuF1-1] Temperature Dependent Aggregation Enables Efficient Fullerene and Non-Fullerene Organic Solar Cells - A New Path toward Next Generation Organic Solar Cells (He Yan, Hong Kong Univ. of Science and Tech.)
		[TuA1-02] Through-Space Charge Transfer Polymers for Solution-Processed PLEDs (Lixiang Wang, Chinese Academy of Sciences)	[TuB1-12] Molecular and Electronic Structure of Advanced π -Conjugated Materials: Insight from the Vibrational Spectra (Chiara Castiglioni, Politecnico di Milano)	[TuC1-12] Graphene Oxide Liquid Crystalline Relevant Functional Nanostructures (Sang Ouk Kim, KAIST)	[TuD1-02] Enhancement of Giant Magnetoresistance by Controlling π -d Interaction in Phthalocyanine-Molecular Conductor (Noriaki Hanasaki, Osaka Univ.)	[TuE1-12] Multichannel on-Scalp MEG based on High-Tc SQUID Magnetometers (Dag Winkler, Chalmers Univ. of Tech.)	[TuF1-12] Rational Design of Conducting Polymers: Origin of Charge Hopping, Green Processing, and Solar Cell Application with High Stability and High Efficiency (TAIHO PARK, POSTECH)
		[TuA1-13] Alternating Current Electroluminescence for Stimuli-Interactive Sensing Display (Cheolmin Park, Yonsei Univ.)	[TuB1-13] Femtosecond Spin Dynamics in Molecular Magnets (J. Olof Johansson, Univ. of Edinburgh)	[TuC1-03] The Investigation and Applications of Multidimensional and Multifunctional Graphene Based Materials (Yong Min, Guangdong Univ. of Tech.)	[TuD1-03] AFMR and NMR Study of Antiferromagnetic State of (TMTTF) ₂ Br (Toshikazu Nakamura, Institute for Molecular Science)	[TuE1-13] Engineering Around Heavy Atom Effect: Toward PDT and Theranostic (Chantal Andraud, Lyon Univ., ENS-Lyon)	[TuF1-03] Molecular Design for High-Performance All-Polymer Solar Cells (Ergang Wang, Chalmers Univ. of Tech.)
		[TuA1-04] Systematic Design of Jettable Inks for Printed O/PLED (Yanchun HAN, Chinese Academy of Sciences)	[TuB1-04] Filter-Free Narrowband Organic Photodetectors with Color Selective Responsivity (Jakob Heier, Empa Materials Science and Tech.)		[TuD1-04] On the Large Orbital Diamagnetism in The Donor-Acceptor Type Quasi One-Dimensional Conductor, HMTSF-TCNQ (Toshihiro Takahashi, Gakushuin Univ.)		
		[TuA1-05] Thermal Transfer Technology as a Novel Baking Process for Solution Processed OLEDs (Kwan Hyun Cho, KITECH)					
12:10-13:30	80'	Lunch					
13:30-15:30	120'	TuA2 OLED II	TuB2 OPV III	TuC2 2D Materials II	TuD2 Spin Liquids	TuE2 Conductive Biomaterials	TuF2 Materials for OPV IV
		[TuA2-11] The Photophysics of TADF OLED Materials (Andrew Monkman, Durham Univ.)	[TuB2-11] Emerging Guidelines for The Design of Organic Semiconductors (Guillermo Bazan, UCSB)	[TuC2-11] Dimensional Organic Structures for Energy Conversion and Storage (Jong-Beom Baek, UNIST)	[TuD2-11] Genuine Mott Transition in Spin Liquids: Quantum Fluctuations, Superconductivity and Fermi Liquid (Andrej Pustogow, Stuttgart Univ.)	[TuE2-11] Semiconductor Nanowires for Biology Applications (Christelle Prinz, Lund Univ.)	[TuF2-11] Effects of SpinStates on Photovoltaic and Light-Emitting Actions in Organic-Inorganic Hybrid Perovskites (Bin Hu, Univ. of Tennessee)
		[TuA2-02] TADF Ground State Coupling Dilemma (Paloma Lays dos Santos, Durham Univ.)	[TuB2-02] Photophysical Processes in Poly(3-hexylthiophene):O-IDTBR Blends Unraveled by Ultrafast Spectroscopy (Jafar Iqbal Khan, KAUST)	[TuC2-12] Dirac Semimetal Phase of Two-Dimensional Black Phosphorus (Hyoung Joon Choi, Yonsei Univ.)	[TuD2-12] Role of Frustration and Disorder in The Competition Between Antiferromagnetism and Quantum Spin Liquid of Organic Charge-Transfer Mott Insulators (Silvia Tomic, Univ. of Zagreb)	[TuE2-12] Understanding the Signalling Pathways in Light Evoked Responses from Neuronal Systems upon Photoexcitation of Semiconducting Polymer Substrates (K S Narayan, Jawaharlal Nehru Center for Advanced Scientific Research)	[TuF2-02] A New Strategy to Construct Low Bandgap Polymer Acceptor for High Performance All-Polymer Solar Cells (Zhi-Guo Zhang, Chinese Academy of Sciences)
		[TuA2-03] Maximising The Reverse Intersystem Crossing Rate in Thermally Activated Delayed Fluorescence Emitters: A Matter of Spin-Vibronic Coupling (Julien ENG, Newcastle Univ.)	[TuB2-03] Efficient Ternary BlendSolar Cells With a Very Small Amount of Third Component (Masahiko Saito, Hiroshima Univ.)	[TuC2-03] Highly A Symmetric Photocurrent in Few-Layer WSe ₂ Transistor Achieved by Site-Selective Dual Doping (Junhong Na, Max Planck Institute for Solid State Research)	[TuD2-13] μ SR of Layered Molecular Conductors: from Vortex Phases in Superconductors to Quantum Critical Phases in Spin Liquids (Francis Pratt, STFC Rutherford Appleton Laboratory)	[TuE2-13] Stimulating Living Cells Using Organic Conducting Polymers –A New Line of Communication (Gordon Wallace, Univ. of Wollongong)	[TuF2-13] Rational Molecular and Interface Engineering for High-Performance Non-Fullerene and Hybrid Perovskite Solar Cells (ALEX JEN, City Univ. of Hong Kong)
		[TuA2-04] Engineering The Molecular Structure of TADF Emitters for Efficient Reverse Intersystem Crossing (Fernando B. Dias, Durham Univ.)	[TuB2-14] Optoelectronic Processes at Organic Heterojunction (Nir Tessler, Technion)	[TuC2-04] Photoemission Surface Mapping of Single- and Poly-Crystalline Transition-Metal Dichalcogenides Monolayers (Soohyung Park, Humbolt Univ. of Berlin)	[TuD2-04] Resonant Inelastic X-ray Scattering Probes The Electron-Phonon Coupling in The Spin-Liquid Kappa-(BEDT-TTF) ₂ Cu ₂ (CN) ₃ (Vita Ilakovac, Université Pierre et Marie Curie)	[TuE2-04] Carbogels: Carbonized Conducting Polyaniline/Poly(Vinyl Alcohol) Aerogels Derived from Cryogels (Patrycja Bober, Institute of Macromolecular Chemistry AS CR)	[TuF2-04] Emerging Material Designs Toward Efficient and Stable Polymer Solar Cells (Chunhui Duan, South China Univ. of Tech.)
		[TuA2-05] OLEDs with External Quantum Efficiency up to 20% based on Highly Efficient Thermally Activated Delayed Fluorescence from Exciplex blends (Marian Chapran, Lodz Univ. of Tech.)	[TuB2-05] Fabrication of Highly Efficient Polymer Solar Cell Modules with A New Simplified Series Connection (Eunhag Lee, GIST)	[TuC2-05] Highly Efficient Visible-light Driven Photocatalytic Water Splitting of CdTe QDs anchored MoS ₂ Nanosheets (S.V.PRABHAKAR VATTIKUTI, Yeungnam Univ.)	[TuD2-05] Kappa-(BEDT-TTF) ₂ Cu ₂ (CN) ₃ Spin Liquid : Beyond The Average Structure (Pascale Foury-Leyliekan, Université Paris Saclay)		[TuF2-15] High Performance Solution-Processed Perovskite Solar Cells via Device Engineering and Novel Materials (Xiong Gong, The Univ. of Akron)
		[TuA2-06] Kinetic Monte Carlo Simulation Studies of The Efficiency and Roll-Off of 3rd and 3.5th generation TADF-Based OLEDs (Xander de Vries, Eindhoven Univ.)	[TuB2-06] Fullerene Oxidation – a Key Degradation Pathway of Organic Photovoltaic Cells (Harrison Ka Hin Lee, Swansea Univ.)	[TuC2-06] In-Plane Anisotropy of Upper Critical Field in Layered Transition Metal Dichalcogenide NbSe ₂ (Syuma Yasuzuka, Hiroshima Institute of Tech.)	[TuD2-06] Spin Liquids and Superconductivity based on BEDT-TTF (Mitsuhiro Maesato, Kyoto Univ.)		[TuF2-06] Chiral Molecular Non-Fullerene Acceptors: Impact of the Enantiopurity on the Photovoltaic Performances (Pierre Josse, Univ. of Angers)
				[TuC2-07] Epitaxial, Wafer-Scale, Two-Dimensional Superconductor Encapsulated by Graphene (Samuel (Alejandro) Lara-Avila, Chalmers Univ. of Tech.)			
15:30-15:55	25'	Coffee Break					
		TuA3 OLED III	TuB3 OPV IV	TuC3 Nanoelectromechanics and Carbon Nanotubes	TuD3 Order and Disorder	TuE3 Cell and Tissue Engineering	TuF3 Materials for OPV V

Registration

15:55-17:30	95'	[TuA3-11] Air-Stable Ultrahigh and Ultralow Work-Function Doped Conducting Polymer Systems for Ohmicohole and Electron Contacts (Peter Ho, Nat'l Univ. of Singapore)	[TuB3-11] Understanding Open-Circuit Voltage of Organic Solar Cells (Thuc-Quyen Nguyen, UCSB)	[TuC3-11] Mechanically Induced Thermal Breakdown in Magnetic Shuttle Structures (Mats Jonson, Univ. of Gothenburg)	[TuD3-11] Evidence for Electronically-Driven Ferroelectricity in the Dimerized Molecular Conductor k -(BEDT-TTF)2Hg(SCN)2Cl (Michael Lang, Goethe Univ.)	[TuE3-11] Multifunctional Scaffold based on Hydrogel-Incorporated Nanofiber (Won-Gun Koh, Yonsei Univ.)	[TuF3-11] Novel Donor-Acceptor Conjugated Polymers for High-Performance Polymer Solar Cells (Fei Huang, South China Univ. of Tech.)	
		[TuA3-02] Influence of The Emission Zone on The Electroluminescence Decay Time and The OLED Efficiency (Markus Regnat, Zurich Univ. of Applied Sciences)	[TuB3-02] Effect of Fluorination on Polymer Properties and Photovoltaic Performances in Naphthobisthiadiazole Polymers (Itaru Osaka, Hiroshima Univ.)	[TuC3-12] Spin Precession in Spin-Orbit Coupled Weak Links: Coulomb Repulsion and Pauli Quenching (Robert Shekhter, Univ. of Gothenburg)	[TuD3-02] Critical Exponents in The Vicinity of The Metal-Insulator Transition in Quasi-One-Dimensional Organic Conductors, ((S,S)-DM-MeDH-TTP)2AsF6 (Keizo Murata, Seoul Nat'l Univ.)	[TuE3-02] Conjugated Polymer-Based Scaffolds for Neural Stem Cell Culture and Differentiation (Jorge Morgado, Instituto Superior T écnico-Univ. of Lisbon)	[TuF3-02] Novel Stable Triphenylamine-Based D-A Small Molecules for Organic Photovoltaics (Yuriy Luponosov, Russian Academy of Sciences)	
		[TuA3-03] Using the Suns-Voc Method to Study the Energy Landscape of Organic Light-Emitting Diodes (Axel Fischer, IAPP, TU Dresden)	[TuB3-03] Influence of Number and Topological Effect of Fluorine Substituents in Donor-Acceptor (D-A) Type of Polymers for Organic Electronics (Mohammad Afsar Uddin, Korea Univ.)	[TuC3-03] Theory Ofthermoelectric Effects of Impurity-Doped Carbon Nanotubes (Hidetoshi Fukuyama, Tokyo Univ. of Science)	[TuD3-03] Quantum Disordered State of Magnetic and Electric Dipoles in Hydrogen-Bonded Organic Mott Insulator k -H3(Cat-EDT-TTF)2 (Masaaki Shimozawa, Univ. of Tokyo)	[TuE3-03] Dimensionally Controlled Fluorescent Polymer Nanostructures for Aqueous Phase Sensor Applications (Jeewoo Lim, Kyung Hee Univ.)	[TuF3-13] Charge Separation and Collection in Organic Solarcells (James Durrant, Imperial College London)	
		[TuA3-04] Charge Transport and Recombination in Disordered Organic Semiconductor Devices: Mean-Field Modeling and Beyond (Feitong Liu, Eindhoven Univ. of Tech.)	[TuB3-04] Printing of PCDBT-Based Organic Solar Cells (Salima ALEM, Nat'l Research Council Canada)	[TuC3-14] Science of Macroscopically Self-Aligned Carbon Nanotubes (Junichiro Kono, Rice Univ.)	[TuD3-04] Poly(3-hexylthiophene) Andits Grafts: Spectroelectrochemical and Conductometric Investigation of A Novelclass of Copolymers (Mieczyslaw Lapkowski, Silesian Univ. of Tech.)	[TuE3-14] Guided Bone/Bone-to-Tendon Regeneration by Growth Factor-Immobilized Asymmetrically Porous Membranes (Jin Ho LEE, Hannam Univ.)	[TuF3-14] Side-Chain Engineering of Photovoltaic Materials for High Performance Polymer Solar Cells (Yongfang Li, Chinese Academy of Sciences)	
		[TuA3-05] Characterization of ChargeTransfer in OLED by Ac Frequency Response Analysis (Pavel Chulkin, Silesian Univ. of Tech.)	[TuB3-05] Achieving Balanced Open Circuit Voltage and Short Circuit Current by Tuning The Interfacial Energetics in Bulk Heterojunction Solar Cells (Wenchao Yang, Xinyang Normal Univ.)	[TuC3-05] Microstructure Evolution and Self-Assembling of CNT Networks during Mechanical Stretching and Mechanicalproperties of Highly Aligned CNT Composites (Jin Gyu Park, Florida State Univ.)		[TuE3-05] Perfluorooctane (PFO) Emulsion-Loaded Hollow Microparticles as A Cell Carrier for 3D Tissue Reconstruction (Se Heang Oh, Dankook Univ.)		
		[TuA3-06] Effect of Dipole Orientation on Optical Properties of Top-Emitting Organic Light-Emitting Diodes (Hyunso Cho, ETRI)	[TuB3-06] Investigation of Energy Transfer Contribution to Exciton Losses by Means of Time-Resolved Optical and Paramagnetic Spectroscopy (Ahmed Hesham Balawi, KAUST)					
		[TuA3-07] High Magnetic Field Effects in Organic Light Emitting Diodes (Eitan Ehrenfreund, Technion)	[TuB3-07] Impact of Material-Solvent Interaction: Cubic-Like Bimolecular Crystal Evolution and a High Efficiency in Halogen-Free Ternary Organic Solar Cells (Tanya Kumari, UNIST)					
19:00-21:00	120'							Poster Session II & Coffee Break

Jul. 4 (Wed.)		1F						2F	
Time / Place	Lobby	Room A 101+102	Room B 106	Room C 107	Room D 109	Room E 110	Room F 104+105	Room G 103+108	Lobby
08:30-09:10	40'	Plenary 7. Prof. Ben Zhong Tang (The Hong Kong University of Science & Technology, Hong Kong, China) "Aggregation-Induced Emission: from Fundamentals to Applications" [2F, Auditorium]							
09:10-09:50	40'	Plenary 8. Dr. Victor Klimov (Los Alamos National Laboratory, USA) "Recent Advances in Quantum Dot Lasing: From Zero-Threshold Optical Gain to Light Amplification with Electrical Pumping" [2F, Auditorium]							
09:50-10:30	40'	Plenary 9. Prof. Philip Kim (Harvard University, USA) "Electronic and Optoelectronic Physics in the van der Waals Heterojunctions" [2F, Auditorium]							
10:30-11:00	30'	Coffee Break							
11:00-12:10	70'	WeA1	WeB1	WeC1	WeD1	WeE1	WeF1		
		OLED IV	OPV V	Fullerene	Single Component Molecular Conductors	Metallic Biomaterials	Materials for OLED		
		[WeA1-11] Printable OLEDs for Displays and Lighting (Junji Kido, Yamagata Univ.)	[WeB1-11] Non Fullerene Acceptor - Donor Bulk Heterojunction Composites: Insight into The Fundamental Mechanisms Suppressing Non-Radiative Recombination and Governing Low Voc Losses (Christoph Josef Brabec, Univ. of Erlangen-Nürnberg)	[WeC1-11] Molecular Maracas: A Multi-State Switch with Li@C60 (Eleanor Campbell, Univ. of Edinburgh)	[WeD1-11] Organic Magnonics Based Upon V(TCNE)x Thin Films (Z. Vally Vardeny, Univ. of Utah)	[WeE1-11] An Innovative Tool for Exploring The Bio-World based on The Charge Detection Ability of Organic Field Effect Devices (Annalisa Bonfiglio, Univ. of Cagliari)	[WeF1-11] Thermally Activated Delayed Fluorescence Dopants and Hosts: from The Design Strategy to Organic Light-Emitting Diode Applications (Dong Hoon Choi, Korea Univ.)		
		[WeA1-02] Novel Benzonitrile Compounds with Mixed Carbazole and Phenothiazine Substituents Exhibiting TADF, AIE and Mechanochromism. (Antonio Maggioro, ENS-Cachan)	[WeB1-02] Importance of Depth-Dependent Crystallinity on The Stability and Efficiency of Sequentially-Processed Organic Solar Cells (Jaehoon Kim, Seoul Nat'l Univ.)	[WeC1-02] Actinide Endohedral Fullerenes : Molecular Structures and Unique bindings (Ning Chen, Soochow Univ.)	[WeD1-12] Development of Single Component Molecular Conductors (Reizo Kato, RIKEN)	[WeE1-02] Quasi Metallic Conductivity in Mammalian Pigment Inspired Eumelanin Thin Films (Alessandro Pezzella, Univ. of Naples - Federico II)	[WeF1-12] Extreme OLED Phosphors: Design and Applications (Yun CHI, Nat'l Tsing Hua Univ.)		
		[WeA1-03] New Approach to Multicolor Tuning and Thermally Activated Delayed Fluorescence from Single Compound (Ramin Pashazadeh, Kaunas Univ. of Tech.)	[WeB1-03] Toward Solution-Processed High Performance Large Area Polymer Solar Cells (Kai Zhang, South China Univ. of Tech.)	[WeC1-03] Fullerene-Based Single-Electron Tunneling Transistor for Multi-Level Switching (Yutaka Wakayama, NIMS)	[WeD1-13] Single Componentmolecular Conductors : Neutral Radical Gold Bis(Dithiolen) Complexes (Dominique LORCY, Univ. Rennes)	[WeE1-13] Chemical Tools and Tactics to Study Multiple Facets in Dementia (Mi Hee Lim, KAIST)	[WeF1-03] Electrochemically Synthesised Xanthone-Cored Conjugated Polymers for Use as TADF Emitters (Przemyslaw Data, Silesian Univ. of Tech.)		

		[WeA1-04] Large Area Organic Light Emitting Diodes Using TADF Emitter for Lighting: Fundamental colors Panel Up to 16cm ² Area. (Manish Kumar, Centre for nanoTech. and Smart Materials)	[WeB1-04] Increased Light Collection in Organicsolar Cells via Sub-Micron 2D Photonic Structures (Marti Gibert Roca, Institut de Ciència de Materials de Barcelona)				[WeF1-04] Highly Efficient Emitters based on Chrysene Chromophores for Ultra-Deep Blue Light (Jongwook Park, Kyung Hee Univ.)	
		[WeA1-05] Electroactive Compounds Containing Donor and Acceptor Moieties for Organic Light Emitting Diodes (Juozas Vidas Grazulevicius, Kaunas Univ. of Tech.)	[WeB1-05] Effect of Interfacial Donor/Acceptor Structures on Open-Circuit Voltage in Organic Solar Cells (Seiichiro Izawa, Institute for Molecular Science)					
12:10-13:30	80'	Lunch						
13:30-18:00	330'	Excursion Social Program						
18:30-20:30	120'	Banquet [Paradise Hotel]						

Jul. 5 (Thu.)		1F						2F		
Time / Place	Lobby	Room A 101+102	Room B 106	Room C 107	Room D 109	Room E 110	Room F 104+105	Room G 103+108	Lobby	
08:30-09:10	40'	Plenary 10. Prof. Frank Würthner (University of Würzburg, Germany) "Polycyclic Aromatic Dicarboximides: Versatile π -scaffolds for Organic Electronics" [2F, Auditorium]								
09:10-09:50	40'	Plenary 11. Prof. Kilwon Cho (POSTECH, Korea) "Surface-directed Molecular Assembly in Organic Electronics" [2F, Auditorium]								
09:50-10:30	40'	Plenary 12. Prof. Peixuan Guo (Ohio State University, USA) "Nanoparticle Orientation to Control RNA Loading and Ligand Display on Exosomes for Cancer Regression" [2F, Auditorium]								
10:30-11:00	30'	Coffee Break								
		ThA1 Optoelectronic Properties II	ThB1 PePv I	ThC1 CM Application (Energy)	ThD1 New Organic Conductors II	ThE1 Biochips and Bioelectronics	ThF1 π-Conjugated Materials III			
11:00-12:10	70'	[ThA1-1] Recent Advances in Organic Semiconductor Lasers: Membrane Lasers Andvortex Beams (Ifor Samuel, Univ. of St Andrews)	[ThB1-01] Perovskite Photovoltaic Modules Using Metal-Filamentary Nanoelectrodes (Soonil Hong, GIST)	[ThC1-11] Ultrafast Diffusion and Superdense Ordering of Lithium in A Single Van Der Waals Gap (Jurgen Smet, Max Planck Institute for Solid State Research)	[ThD1-11] Molecular Lego for Spintronics and Quantum Information (Gabriel Aeppli, Paul Scherrer Institut, ETH/EPFL)	[ThE1-11] Nanobioelectronic Device Composed of Biohybrid Materials toward Biosensor and Biocomputing (Jeong-Woo Choi, Sogang Univ.)	[ThF1-11] Singlet Fission: Free Triplets versus The Triplet-Triplet Biexciton (Sumit Mazumdar, Univ. of Arizona)			
		[ThA1-02] Self-Assembled Organic and Polymer Semiconductor Microlasers (Yohei Yamamoto, Univ. Tsukuba)	[ThB1-02] Efficient Colorful Perovskite Solar Cells Using a Top Polymer Electrode Simultaneously as Spectrally Selective Antireflection Coating (Youyu Jiang, Huazhong Univ. of Science and Tech.)	[ThC1-12] High Thermal Durable Silk-Based Electronic Textiles for Energy Harvesting (Byung Hoon Kim, Incheon Nat'l Univ.)	[ThD1-12] Chiral Conductors based on Alkylated EDT-TTF and Metal Dithiolenes (Narcis Avarvari, CNRS-Univ. of Angers)	[ThE1-02] Human Hair Keratin for Biocompatible Flexible and Transient Electronic Devices (Wei Lin Leong, Nanyang Technological Univ.)	[ThF1-12] Thiophene-Fused Naphthalene Diimides: New Building Blocks for Electron Deficient π -Functional Materials (Kazuo Takimiya, RIKEN)			
		[ThA1-03] Amplified Spontaneous Emission in Insulated π -Conjugated Polymers (Sun Chen, IMDEA Nanociencia)	[ThB1-03] Efficient and Stable Quasi-2D Perovskite Light-Emitting Diodes (Chuanjiang Qin, Kyushu Univ.)	[ThC1-13] FBAR Devices for Gravimetric and Bio-Sensing Applications (Mine William I., Univ of Cambridge)	[ThD1-13] D-PTM Dyads: From Switched Molecular Self-Assembly in Solution to Radical Conductors in Solid State (concepció Rovira, Institut de Ciència de Materials de Barcelona (ICMAB-CSIC)/CIBER-BBN.)	[ThE1-03] Bacteria-Enabled Autonomous Drug Delivery Systems (SeungBeum Suh, KIST)	[ThF1-03] Functionalized Poly(dibenzothiophene-S,S-dioxides): Highly Fluorescent Electron Deficient Polymers with Tunable Energy Levels and Emission Color (Igor F. Perepichka, Bangor Univ.)			
		[ThA1-04] Bifluorene Single Crystals for Organic Lasers (Paulius Baronas, Vilnius Univ.)	[ThB1-04] A Strategy of the Carriers Effective Injection into Perovskite Crystals for High Performance Light-Emitting Diode (Zhaoxin Wu, Xi'an Jiaotong Univ.)				[ThF1-04] Multi-Purpose Molecular Spintronic Device (Xiangnan Sun, Nat'l Center for Nanoscience and Tech. (NCNSF))			
12:10-13:30	80'	Lunch								
		ThA2 OPV VI	ThB2 PePv II	ThC2 Graphene Device & Application	ThD2 Superconductivity	ThE2 Emerging Biomaterials	ThF2 π-Conjugated Materials IV			
13:30-15:30	120'	[ThA2-11] Dark Currents Reduction Strategies of OPDs for X-ray Image Sensor Application by Controlling Molecular Orientation of Polymers and Interfacial Modifiers (Changjin Lee, KRICT)	[ThB2-11] Hole Transporting Materials for Efficient and Stable Inorganic-Organic Hybrid Perovskite Solar Cells (Jangwon Seo, KRICT)	[ThC2-11] Inside Graphene Devices (Clemens B. Winkelmann, Univ. of Grenoble-Alpes)	[ThD2-11] Superconducting Phases in Molecular Solids (Stuart Brown, UCLA)	[ThE2-01] Conductive Gold Nanostructure/Matrigel Composites to Enhance Electrochemical Signals of Pluripotent Stem Cells (Tae-Hyung Kim, Chung-Ang Univ.)	[ThF2-11] Graphene Nanoribbons as "Best of Two Worlds" between Graphenes and Conjugated Polymers (Klaus Müllen, Max-Planck Institute for Polymer Research)			
		[ThA2-02] Stability of Organic Solar Cells: From Light Harvesting, Organic/Metal Interfacial Exciton Dissociation and Charge Extraction Perspectives (Yiwen Wang, Hong Kong Baptist Univ.)	[ThB2-02] Interface Engineering for Scalable Fabrication of Planar Perovskite Solar Cells (Jinho Lee, GIST)	[ThC2-12] Graphene Based NEMS; Physics and Applications (Sang Wook Lee, Ewha Womans Univ.)	[ThD2-12] Spin-Imbalanced Superconductivity in Layered Organic Superconductors (Jochen Wosnitza, Helmholtz-Zentrum Dresden-Rossendorf)	[ThE2-02] Plasmon Assisted Enhanced Biosensor Using Ag/Polymer Core-Shell Hybrid Nanoparticle (Park Dong Hyuk, Inha Univ.)	[ThF2-12] Regioisomeric π -Conjugated Molecules for Optoelectronic Device Applications (Han Young Woo, Korea Univ.)			
		[ThA2-03] Controlling Charge Recombination in Ternary Organic Solar Cells: A Path towards High Efficiency Organic Photovoltaics (Nicola Gasparini, KAUST)	[ThB2-03] The Origin of Open Circuit Voltage in Conventional and Inverted Perovskite Solar Cells (Matyas Daboczi, Imperial College London)	[ThC2-13] Twisted Bilayers of Folded Graphene (Rolf J. Haug, Leibniz Universität Hannover)	[ThD2-13] Fulde-Ferrell-Larkin-Ovchinnikov Phase in Highly Two-Dimensional Organic Superconductors (Shinya Uji, NIMS)	[ThE2-13] Artificial Photosynthesis: Learning from Nature (Dong Ryeol Whang, Johannes Kepler Univ. Linz)	[ThF2-03] Molecular Assemblies of ESIPT Fluorescent Sensors for Cations, Anions, and Organic Bases (Tomoyuki Akutagawa, Tohoku Univ.)			
		[ThA2-04] Synthesis of A Green Solvent Processable NDI-Thiophene Based Amine Containing Interface Material for Polymer Solar Cells (Jonas Mattiasson Bjuggren, Flinders Univ.)	[ThB2-04] Purely Oriented Crystalline Organolead Halide Perovskite Films (Nam Chul Cho, Soonchunhyang Univ.)	[ThC2-14] Photonic Properties of Graphene-Based Supramolecular Self-Assembled Architectures (Andre-Jean Attias, Sorbonne Univ.)	[ThD2-04] STM/STS on The Charge Ordering State in β' -(BEDT-TTF) ₄ [(H ₃ O)Ga(C ₂ O ₄) ₃]C ₆ H ₅ NO ₂ (Koichi Ichimura, Hokkaido Univ.)	[ThE2-14] Mono- and Di-nuclear Iridium (III) Complexes with Tridentate Polypyridine Ligands as Theranostic Photodynamic Therapy Agents (Sun Wenfang, North Dakota State Univ.)	[ThF2-04] Structure and Dopant Engineering in PEDOT Thin Films for the Development of All-Polymeric Transparent Heaters (Alexandre Carella, CEA-Liten)			
	Exhibition									Registration

			[ThA2-O5] An Analysis of Efficiency, Stability and Commercial Potential for Organic Photovoltaics based on Non-Fullerene Acceptors (Ning Li, FAU Erlangen-Nürnberg)	[ThB2-O5] Water-Soluble 2D Transition Metal Dichalcogenides as Interfacial Materials for Highly Efficient and Stable Perovskite Solar Cells (Bo Song, Soochow Univ.)	[ThC2-I5] 2-Dlike Growth of Metals on Supported Graphene Surfaces and Its Applications (Jeong-O Lee, KRICT)	[ThD2-O5] 13C NMR Study of Organic Conductor κ -(BEDT-TTF) ₂ Cu[N(CN) ₂] Under Pressure (Takuya Kobayashi, Hokkaido Univ.)		[ThF2-O5] Morphology and Ion Diffusion in PEDOT: A Theoretical Perspective (Igor Zozoulenko, Linköping Univ.)		
			[ThA2-O6] Charge and Triplet Exciton Generation in CuSCN:PC70BM Solar Cells (Safakath Karuthedath, KAUST)	[ThB2-O6] Low-Cost Synthesis of Heterocyclic Spiro-Typehole Transporting Materials for Perovskite Solar Cell Applications (Chun-Guey Wu, Nat'l Central Univ.)		[ThD2-O6] Electrostatic Doping for Superconductivity in Organic Conductors (Hiroshi Yamamoto, Institute for Molecular Science)		[ThF2-O6] Regioselective Transformation of Long π -Conjugated Backbones: from Oligofurans to Oligoarenes (Ori Gidron, The Hebrew Univ. of Jerusalem)		
				[ThB2-O7] Morphology-Controlled Low-Temperature Solution-Processed Inverted All-Inorganic Perovskite-Based Solar Cells (Haixia Rao, Peking Univ.)				[ThF2-O7] Morphology of Fused Ring Electron Acceptors and Their Applications (Xinhui Lu, The Chinese Univ. of Hong Kong)		
15:30-15:55	25'	Coffee Break								
			ThA3	ThB3	ThC3	ThD3	ThE3	ThF3		
			OLED V	PePv III	2D Materials and Devices	OPV VII	Electronic Properties and Application II	π-Conjugated Materials V		
			<i>관장혁, 교수 (경희대학교)</i>	[ThB3-O1] Study for Decoupled Interface Dipole Moments and Energy Level Alignment in Organic Solar Cells and Hybrid Perovskite Solar Cells (Kyung-Geun Lim, KRISS)	[ThC3-O1] Research towards New Architecture based on 2D Layered Materials (Sung Ho Jhang, Konkuk Univ.)	[ThD3-O1] Photo-Current Conversion in Non-Fullerene Solar Cells (Baran Derya, KAUST)	[ThE3-O1] Observation of The Mesoscopic 2D Charge Transport in The "Metallic" PEDOT:PSS Films by High-Field Magnetoconductance and Synchrotron X-ray Scattering Measurements (Keisuke ITOH, Tohoku Univ.)	[ThF3-I1] Tuning of Ferromagnetic Spin Interactions in Oligo- and Polyary Lamines via Modification of Their π -Conjugated Systems (Irena Kulszewicz-Bajer, Warsaw Univ. of Tech.)		
			[ThA3-O2] Predicting the Emission Efficiency of Organometallic Complexes in OLEDs (Xiuwen Zhou, The Univ. of Queensland)	[ThB3-O2] Perovskite Solar Cells Forging, Yet Deceiving, Material System – The Role of Ions and Device Structure (Nir Tessler, Technion)	[ThC3-O2] Probing The Defect Associated Exciton Dynamics in Quantum Dots of Atomically Thin Semiconductors (Bo-Hyun Kim, Korea Institute of Industrial Tech.)	[ThD3-O2] Fully Printed Polymer Solar Cells (Yinhua Zhou, Huazhong Univ. of Science and Tech.)	[ThE3-O2] Determination of The Charge Injection Barrier at Organic Semiconductor/Metal Interface Using Accumulated Charge Measurement (Hiroyuki Tajima, Univ. of Hyogo)	[ThF3-O2] Single-Crystalline Thin-Film Fabrication and Optical Anisotropy of Alkyl-Substituted Phthalocyanines (Akihiko Fujii, Osaka Univ.)		
			[ThA3-O3] Novel Furo[3,2-c]pyridine Based Ir Complexes for Efficient Phosphorescent OLEDs (Junqiao Ding, Chinese Academy of Sciences)	[ThB3-O3] Introducing Paired Electric Dipole Layers for Efficient Charge Collection in Polymer and Perovskite Solar Cells (Jong-Hoon Lee, GIST)	[ThC3-O3] Ultra-high Temperature Annealing Effects on The Mass Sensitivity of Graphene Mechanical Resonators (Dong Hoon Shin, Ewha Womans Univ.)	[ThD3-O3] Small Molecule Solar Cells Consisting of Benzodithiophene Core and Indandione Terminal Units for Energy Harvesting Devices (Ryota Arai, RICOH Co. Ltd.)	[ThE3-O3] Transparent Conducting Electrodes for Organic Optoelectronics from Solution Processing (Antonio Gaetano Ricciardulli, Max-Planck-Institut für	[ThF3-O3] Manipulating Molecular Backbone in Conjugated π Systems to Achieve The Controlled π - π Stacking (Dongfeng Dang, Xi'an Jiaotong Univ.)		
			[ThA3-O4] Tuning of The Triplet Energy and Intersystem Crossing Rate by Promoting Sterically Hindrance in Metal-Free Room Temperature Phosphorescent Organic Emitters (Rongjuan Huang, Durham Univ.)	[ThB3-O4] Effect of Lattice Defect on Performance of Perovskite Solar Cell (SM Iftiqar, Sungkyunkwan Univ.)	[ThC3-O4] Funneling of Terahertz Waves through Van Der Waals Gaps Formed by Metal-Graphene-Metal Junction (Young-Mi Bahk, Incheon Nat'l Univ.)	[ThD3-O4] Eco-Friendly Preparation of Water Dispersed Nanoparticles for Organic Solar Cells Eliminating the Usage of Halogenated Solvents in All Process (Xun Pan, Flinders Univ.)	[ThE3-O4] Understanding Morphology-Mobility Dependence in PEDOT:Tos. A Multi-Scale Approach (Igor Zozoulenko, Linköping Univ.)	[ThF3-O4] Plasmon Activating High-Performance Organic Photodetector and Waveguide Using Organic Crystals (Dong Hyuk Park, Inha Univ.)		
			[ThA3-O5] Highly Efficient Near-Infrared Organic Fluorescent Materials and Light-Emitting Devices (Jie Xue, Tsinghua Univ.)	[ThB3-O5] Designing Low-Cost and Amorphous Hole Transporting Materials for Efficient and Stable Perovskite Solar Cells (Xin Guo, Chinese Academy of Sciences)	[ThC3-O5] New Application of Quantum Behavior in A Graphene Device (HAEYONG KANG, Sungkyunkwan Univ.)	[ThD3-O5] Side-Chain Isomerization with Ortho- and Meta-Fluorine Substitution Influencing Morphology and Performance of Non-Fullerene Organic Solar Cells (Jungho Lee, UNIST)	[ThE3-O5] A Theoretical Study of Electrochemical and Electrochromic Properties of Novel Viologen Derivatives: Effects of Donors and π -Conjugation Length (Wan-Ru Shie, Nat'l Taiwan Univ. of Science and Tech.)	[ThF3-O5] Ambient Triplet Harvesting in Supramolecular Way (Suman Kulia, Jawaharlal Nehru Center for Advanced Scientific Research)		
			[ThA3-O6] Conjugated Oligomers and Copolymers for Near-Infrared Light-Emitting Devices (Petri Murto, Chalmers Univ. of Tech.)	[ThB3-O6] Analysis on Ion Diffusion Induced Degradation Mechanism of Sequentially Deposited Perovskite Light Emitting Diodes (Hyunho Lee, Seoul Nat'l Univ.)		[ThD3-O6] Organic Photovoltaic Cells are Excellence Indoor Light Harvesters for Self-Sustainable Electronics: The Importance of Choosing Right Material Systems (Harrison Ka Hin Lee, Swansea Univ.)	[ThE3-O6] New Routes to Tuneable and Functional Organic Nanowires (FJ Faul Charl, Univ. of Bristol)	[ThF3-O6] New organic Semiconductors of Tuneable Electrochemical, Spectroelectrochemical and Luminescent Properties via Varying Donor-Acceptor Interactions (Malgorzata Zagorska, Warsaw Univ. of Tech.)		
19:00-21:00	120'									Poster Session III & Coffee Break

Jul. 6 (Fri.)		1F								2F
Time / Place	Lobby	Room A 101+102	Room B 106	Room C 107	Room D 109	Room E 110	Room F 104	Room F 105	Room G 103+108	Lobby
08:30-09:10	40'	Plenary 13. Prof. Yoshihiro Iwasa (University of Tokyo, Japan) " Superconductivity in 2D Materials " [2F, Auditorium]								
09:10-09:50	40'	Plenary 14. Prof. Sang Il Seok (UNIST, Korea) " Progress in Halide Perovskite Solar Cells " [2F, Auditorium]								
09:50-10:30	40'	Plenary 15. Prof. Karl Leo (Technical University of Dresden, Germany) " Doping of Organic Semiconductors " [2F, Auditorium]								
10:30-11:00	30'	Coffee Break								
		FrA1	FrB1	FrC1	FrD1	FrE1	FrF1(#104)	FrH1(#105)		
		Optoelectronic Properties III	Optoelectronic Properties IV	Electronic Properties and Application III	Electronic Properties and Application IV	OPV VIII	OFET IV	OLED/OPV		
		[FrA1-O1] Surface Engineering of Quantum Dots for Optoelectronic Devices (Sukyung Choi, ETRI)	[FrB1-O1] Strong Nonlinear Optical Response in The Visible Spectral Range with Epsilon-Near-Zeroorganic Thin Films (Jeong Weon Wu, Ewha Womans Univ.)	[FrC1-O1] Ambient Stable Thermoelectric n-type Carbon Nanotubes Derived from Supramolecular Doping (Kawai Tsuyoshi, Nara Institute of Science and Tech.)	[FrD1-O1] Highly Stretchable PEDOT:PSS/Ionic Liquid Composite films for Wearable Organic Thermoelectric Generators (Seyoung Kee, KAUST)	[FrE1-O1] Cathode Side Interface Layer Engineering in Organic Photovoltaic Toward Up-Scaling Fabrication (Wanzhu Cai, Jinan Univ.)	[FrF1-I1] Flexible and Stretchable FET-Type Sensors based on Organic and Polymeric Materials (Joon Hak Oh, POSTECH)	[FrH1-O1] Highly Efficient Deep Blue TADF Emitter Materials for OLED Displays (Stefan Seifermann, CYNORA GmbH)		

11:00-12:10	70'	Exhibition	[FrA1-O2] Ab Initio-Based Full-Quantum Simulations of Charge Transport in Amorphous Molecular Semiconductors (Peter Arnold Bobbert, Eindhoven Univ. of Tech.)	[FrB1-O2] Two-photon Direct Writing of Hybrid Materials (Prem Prabhakaran, Hannam Univ.)	[FrC1-O2] Electron Transfer of Triplet State From TIPS-Pentacene to Non-Fullerene Acceptor IT-4F in Blend Film (Mengsi NIU, Shandong Univ.)	[FrD1-O2] Investigation of Charge Transport in Conducting Polymers Doped by Solid-State Diffusion and Their Thermoelectric and Electronic Applications (Keehoon Kang, Seoul Nat'l Univ.)	[FrE1-O2] Phase Control in A Ternary Organic Solar Cell Blend System by Ionic Interactions and Correlation between Phase and Efficiency (Jakob Heier, Empa Materials Science and Tech.)	[FrF1-O2] Orientation and Alkyl Chain Length Dependence of Carrier Transport in Regioregular Poly (3-Alkylthiophenes Fabricated Byribbon Shaped FTM (Atul Shankar Mani Tripathi, Kyushu Institute of Tech.)	[FrH1-O2] Thioxanthone Derivatives and Their Application for OLEDs (Wang Ying, Chinese Academy of Sciences)	Registration
			[FrA1-O3] Improved Processability and Performance of Colloidal Quantum Dot Solar Cells (Havud Aqoma, Kookmin Univ.)	[FrB1-O3] Coupling of Photoluminescence with Whispering Gallery Modes in Eu ³⁺ -Coordinated Conjugated Polymer Microsphere (Zakarias Seba Ngara, Univ. of Tsukuba and Univ. of Nusa Cendana)	[FrC1-O3] Metallic Conduction of pBTTT Polymer Thin Film Doped Electrochemically with Ion Gel (Hiroshi Ito, Nagoya Univ.)	[FrD1-O3] Production of Novel Rubberised Polyaniline Dodecylbenzenesulfonate [PAni.DBSA] with Enhanced Electrostrictive and Physical Properties (Kok Chong Yong, Malaysian Rubber Board)	[FrE1-O3] Design of Crosslinkable Organic Photovoltaic Materials for Efficient and Stable OPVs (Weishi Li, Chinese Academy of Sciences)	[FrF1-O3] Single-Strand Organic Electrochemical Transistor-Based Wearable Health Monitoring Devices (Youngseok Kim, GIST)	[FrH1-O3] Benchmarking The Electronic Processes at The Planar Organic Heterojunction Solar Cells (Dan Liraz, Technion)	
			[FrA1-O4] Energy Level Tuned-InAs Quantum Dots ElectronTransport Layer Prepared Atmospheric Room-Temperature Solution Processing (Hyekyoung Choi, KIMM)	[FrB1-O4] Enhancing Degree of Crystallinity in Conductive Polymers for Efficient Photo-Thermoelectric Conversion (Byeongwan Kim, Yonsei Univ.)	[FrC1-O4] Device Physics of Polymeric Ferroelectric Memory Diodes (Kamal Asadi, Max-Planck Institute for Polymer Research)	[FrD1-O4] Organic Free Radical Molecules for Spintronics. The Influence of Linkers and Surfaces (Jaume Veciana, ICMAB (CSIC)/CIBER-BBN)	[FrE1-O4] Charge Dissociation at Organic Heterojunctions: Interface Roughness versus Ultrafast Delocalization (Julien Gorenflot, KAUST)	[FrF1-O4] Evidence for Low Disorder, Narrow-Band Charge Transport in Semicrystalline Polymer Semiconductors (Riccardo Di Pietro, Hitachi Europe Ltd.)	[FrH1-O4] OPV Path to Green Electricity at 1 Penny Per KWHR (Steven Xiao, 1-Material Inc)	
			[FrA1-O5] Reliable Electrical Characterizationand Modeling of Organic LEDs and Solar Cells with Doped Layers and Internal Interfaces (Stéphane Altazin, Fluxim AG)	[FrB1-O5] Surface State-mediated Charge Transfer of Cs ₂ Snl ₆ and Its Application in Dye-sensitized Solar Cells (HyeonOh Shin, UNIST)	[FrC1-O5] Effects of Annealing Temperature on Electrochemical Properties of Nickel Oxide Nanostructures (Kyung Ho Kim, Kitami Institute of Tech.)	[FrD1-O5] Conservation Laws, Radiative Decay Rates, and Excited State Localization in Organometallic Complexes with Strong Spin-Orbit Coupling (Ben Powell, Univ. of Queensland)			[FrH1-O5] Strategy for Designing Ternary Organic Solar Cells from Interfacial Energetics to Enhanced Device Performance (Xianjie Liu, Linköping Univ.)	
12:10-13:00	50'	Closing Ceremony [2F, Auditorium]								