

	11.13 (Thu)	
08:00–08:30	Registration	
08:30–08:45	Opening ceremony (15)	
08:45–09:25	Chair: Tae-Woo Lee (Seoul National University) [PL01] Unveiling the Fundamentals of OLEDs: Mechanisms of Emission and Charge Transport Hironori Kaji (Kyoto University)	
09:25–10:05	Chair: Jungyong Lee (Korea Advanced Institute of Science and Technology (KAIST)) [PL02] Next-Generation Imaging and Energy Conversion with Organic Upconversion, UV Detectors, and Perovskite Electronics Shun-Wei Liu (Ming Chi University of Technology)	
10:05–10:35	Coffee break (30)	
	Session 1	Session 2
Chair	Junghwan Kim (Pukyong National University)	Chih-Wei Chu (Academia Sinica)
10:35–11:00	[IV01–1] Endothermic singlet fission process in harvesting the high-level excitation energy for tetracene-based photodiodes Tzung-Fang Guo (National Cheng Kung University)	[IV02–1] Application of Heavy Chalcogens in Organic Light-Emitting Materials Shijian Su (South China University of Technology)
11:00–11:25	[IV01–2] Nanocrystalline Perovskite Emitter for Future Displays Tae-Woo Lee (Seoul National University)	[IV02–2] A post-processing approach to unlock mixed conduction in organic semiconductors Christine Luscombe (Okinawa Institute of Science and Technology (OIST))
11:25–11:50	[IV01–3] Surface-Engineered Perovskite Nanocrystals for Advanced Optoelectronic Applications Takayuki Chiba (Yamagata University)	[IV02–3] 3,6-Bis(methylthio)-9H-carbazole Based Self-Assembled Monolayer for Highly D27Efficient and Stable Inverted Perovskite Solar Cells BongSoo Kim (Ulsan National Institute of Science and Technology (UNIST))
11:50–14:00	Poster session 1 + Lunch (130)	
Chair	Tzung-Fang Guo (National Cheng Kung University)	BongSoo Kim (Ulsan National Institute of Science and Technology (UNIST))
14:00–14:25	[IV01–4] Scalable fabrication of perovskite solar cells via magnetron sputtering Dechun Zou (Peking University)	[IV02–4] Charge separation and recombination interfaces in organic solar cells James Robert Durrant (Imperial College London)
14:25–14:50	[IV01–5] Ultrafast Refractive Index Spectroscopy for Probing Photoinduced Processes in Optoelectronic Material Kai Chen (Victoria University of Wellington)	[IV02–5] Material Design for Synaptic Transistors: From Conjugated Polymers to Two-Dimensional Perovskites Chu-Chen Chueh (National Taiwan University)
14:50–15:15	[IV01–6] Organic/Hybrid Thermoelectric Materials and Devices Cheng-Liang Liu (National Taiwan University)	[IV02–6] Controlling light-matter interactions for efficient organic and hybrid optoelectronics Shaocong Hou (Wuhan University)
15:15–15:40	[IV01–7] Al-Assisted Study of Perovskite Solar Cells Lixin Xiao (Peking University)	[IV02–7] Tetrabenzoporphyrins for High-Performance Single-Crystal Organic Field-Effect Transistors Hiroko Yamada (Kyoto University)
15:40–16:10	Coffee break (30)	
Chair	Cheng-Liang Liu (National Taiwan University)	Chu-Chen Chueh (National Taiwan University)
16:10–16:35	[IV01–8] Engineering Stable Multi-Resonance Fluorescence Emitters for Durable Blue Organic Light Emitting Diodes Jang Hyuk Kwon (Kyung Hee University)	[IV02–8] Understanding Polaron Formation and Transport in Organic Electrochemical Devices Ji-Seon Kim (University of Oxford)
16:35–17:00	[IV01–9] Photoactive Material Design for Intrinsically-Stretchable Polymer Solar Cells Bumjoon Kim (Korea Advanced Institute of Science and Technology (KAIST))	[IV02–9] A Semiconductor-Sensitized Thermal Cell Inspired by Dye-Sensitized Solar Cell Sachiko Matsushita (Institute of Science Tokyo)
17:00–17:25	[IV01–10] Squaraine aggregates and films: from modeling to photodetectors Anna Painelli (Parma University)	[IV02–10] Atomic Layer Deposition-Free Tin Oxide as an Electron Transport Layer for Wide-Bandgap Perovskite Solar Cells and Si/Perovskite Tandem Solar Cells Chih-Wei Chu (Academia Sinica)
17:25–17:50	[IV01–11] From Ensemble to Individual: Single Perovskite Quantum Dots for Quantum Emission Applications Hao-Wu Lin (National Tsing Hua University)	[IV02–11] Influences of spontaneous orientation polarization on device performance in organic light-emitting diodes Yutaka Noguchi (Meiji University)

11.14 (Fri)		
08:00–08:30	Registration	
08:30–09:10	Chair: Jong H. Kim (Ajou University)	
	[PL03] Dual-Mode Narrowband Near-Infrared Organic Photodetectors Furong Zhu (Hong Kong Baptist University)	
09:10–09:50	Chair: Han Young Woo (Korea University)	
	[PL04] Evolution of Organic Semiconductor Materials: From Molecular Design to Device Applications Dong Hoon Choi (Korea University)	
09:50–10:20	Coffee break (30)	
	Session 1	Session 2
Chair	Hyojung Cha (Kyungpook National University)	Myung-Han Yoon (Gwangju Institute of Science and Technology (GIST))
10:20–10:45	[IV03–1] Broadband Multiple-Plate Continuum Light Source for Ultrafast Transient Absorption Studies of Organic Upconversion Devices Bo-Han Chen (National Tsing Hua University)	[IV04–1] A Metal-Free Phthalocyanine Additive for Defect Passivation and Processing Tolerance in High-Efficiency Perovskite Solar Cells Chih-Hsin Chen (Tamkang University)
10:45–11:10	[IV03–2] Multiresonance-Donor-Multiresonance Emitter for Efficient Narrowband Blue OLEDs Jianxin Tang (Macau University of Science and Technology)	[IV04–2] Detecting Nitrogen Environmental Pollution using Amine/Sulfur Gas Detection Hsiao-Wen Zan (National Yang Ming Chiao Tung University)
11:10–11:35	[IV03–3] Inverted Region of Reverse Intersystem Crossing in Inverted Singlet-Triplet Materials Naoya Aizawa (Osaka University)	[IV04–3] Mitigating Voltage Loss through Interfacial Engineering for High-Performance Perovskite/Organic Tandem Solar Cells Jin Young Kim (Ulsan National Institute of Science and Technology (UNIST))
11:35–13:45	Poster session 2 + Lunch (130)	
Chair	Naoya Aizawa (Osaka University)	Chih-Hsin Chen (Tamkang University)
13:45–14:10	[IV03–4] Organic Free-form Electronics for Wearable Displays and Sensors Seunghyup Yoo (Korea Advanced Institute of Science and Technology (KAIST))	[IV04–4] Dibenzofuran-Based Charge Transport Materials for High-Efficiency and Long-Lifetime OLEDs and QLEDs Youngee Lee (Daegu Gyeongbuk Institute of Science & Technology (DGIST))
14:10–14:35	[IV03–5] Sustainable Silicone Lithography of Organic Semiconductors for Human-interactive RGB OLED Microdisplay Do Hwan Kim (Hanyang University)	[IV04–5] Organic Photodiode : Beyond RGB Sensing Dae Sung Chung (Pohang University of Science and Technology (POSTECH))
14:35–15:00	[IV03–6] Multi-functional ambipolar organic interlayer for high-performance perovskite solar cells Jong H. Kim (Ajou University)	[IV04–6] Development of high-performance Sn based perovskite transistors Yong-Young Noh (Pohang University of Science and Technology (POSTECH))
15:00–15:25	[IV03–7] Diazafluoren(on)es and Diazafluorenylidenes for Organic Optoelectronic Devices and Smart Materials M.S. Kazantsev (N.N. Vorozhtsov Novosibirsk Institute of Organic Chemistry)	[IV04–7] Organic Floating-Gate Transistors for Optoelectronic Nonvolatile Memory and Artificial Synapse Applications Takashi Nagase (Osaka Metropolitan University)
15:25–15:55	Coffee break (30)	
Chair	Seunghyup Yoo (KAIST)	Seunghyeon Kim (DGIST)
15:55–16:20	[IV03–8] Functional-Group-Oriented Anti-Solvent Additives for Photostable Perovskite Solar Cells Jongchul Lim (Chungnam National University)	[IV04–8] Crystallized PEDOT:PSS-Based Unconventional Energy Conversion and Storage Systems Myung-Han Yoon (Gwangju Institute of Science and Technology (GIST))
16:20–16:45	[IV03–9] Toward Scalable and Deployable Organic Ammonia Sensors: From Device Innovation to Real-World Applications Li-Yin Chen (National Yang Ming Chiao Tung University)	[IV04–9] Design and study of novel organic mixed ionic-electronic conductors Micaela Matta (Kings College London)
16:45–17:10	[IV03–10] Molecular dynamics simulation of organic materials for mechanical, chemical and spectroscopic predictions Toshihiro Shimada (Hokkaido University)	[IV04–10] Molecular Dipole Engineering of Polymer Semiconductors for Stretchable and High-Performance Electronics Chien-Chung Shih (National Yunlin University of Science and Technology)
17:10–17:35	[IV03–11] Study on Charge Carrier Dynamics of Organic Photovoltaics and Photocatalysts Hyojung Cha (Kyungpook National University)	[IV04–11] Practical Applications of Molecular Simulations in Perovskite Solar Cells Tae Kyung Lee (Gyeongsang National University)
17:35–18:00	[IV03–12] Introduction to Angewandte Chemie – Opening the Editor's Black Box Haeryung Lee (Angewandte Chemie (Wiley), Deputy Editor)	

11.15 (Sat)		
08:00-08:30	Registration	
08:30-09:10	Chair: Han Young Woo (Korea University) [PL05] Engineering Disorder and Carrier-Dopant Interactions in Doped Conjugated Polymers for Enhanced Charge Transport Kilwon Cho (Pohang University of Science and Technology (POSTECH))	
	Session 1	Session 2
Chair	Jongchul Lim (Chungnam National University)	Toshinori Matsushima (Kyushu University)
09:10-09:35	[IV05-1] Photoluminescence Enhancement up to 350 K of Monophase α -FAPbI ₃ Quantum Dots Synthesized via Tailored Hot Injection Myeongkee Park (Pukyong National University)	[IV06-1] Solution-processed OLEDs with high performance Guohua Xie (Xiamen University)
09:35-10:00	[IV05-2] Naphthalenediimide (NDI)-Based N-type Conjugated Polymers as Organic Cathodes for Lithium-ion Batteries Wonho Lee (Kumoh National Institute of Technology)	[IV06-2] Dynamic Exciton Model: A Comprehensive Δ EST Estimation Method for TADF Materials Yuuichi Tsuchiya (Kyushu University)
10:00-10:30	Coffee break (30)	
10:30-10:55	[IV05-3] Fabrication of Blue-Emissive Perovskite Nanocrystals by Size Control and Post-Treatment of Short Ligand Chang-Lyul Lee (Gwangju Institute of Science and Technology (GIST))	[IV06-3] Synergistic Additive and Interface Engineering for High-Efficiency and Stable Inverted Perovskite Solar Cells Sung Heum Park (Pukyong National University)
10:55-11:20	[IV05-4] Next Generation NIR/SWIR Photodetectors using Organic Semiconductors Seo-Jin Ko (Daegu Gyeongbuk Institute of Science & Technology (DGIST))	[IV06-4] Toward High-Performance Perovskite Solar Cells Based on Organic Materials Chemistry Toshinori Matsushima (Kyushu University)
11:20-11:45	[IV05-5] Enhancing Photovoltage and Stability in Hybrid Sn-Pb Perovskites via Integrated Interface and Growth Control Chieh-Ting Lin (National Chung Hsing University)	[IV06-5] Tailored Electrical Doping in Perovskite Electronics Keehoon Kang (Seoul National University)
11:45-12:15	Closing ceremony + Poster award (30)	

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