Program at a Glance

November 20–23, 2026

Time	Nov. 20 (Fri)	Nov. 21 (Sat)	Nov. 22 (Sun)	Nov. 23 (Mon)
08:00		Registration 08:00–08:30	Registration 08:00–08:30	
08:30		Opening Ceremony 08:30–08:50	Plenary 04 08:30–09:00	Presentation Session 17–18 (5 per room) 08:30–10:10
08:50		Plenary 01 08:50–09:20		
09:00			Presentation Session 09–10 (4 per room) 09:00–10:20	
09:20		Plenary 02 09:20–09:50		
09:50		Presentation Session 01–02 (2 per room) 09:50–10:30		
10:10				Coffee Break 10:10–10:30
10:20			Coffee Break 10:20–10:40	
10:30		Coffee Break 10:30–10:50		Presentation Session 19–20 (5 per room) 10:30–11:54
10:40			Presentation Session 11–12 (5 per room) 10:40–12:12	
10:50		Presentation Session 03–04 (4 per room) 10:50–12:10		
11:42				
11:54				Closing and Awards 11:54–12:04
12:04				Lunch / Departure 12:04 onward
12:10		Posters and Lunch 12:10–13:50		
12:12			Posters and Lunch 12:12–14:00	
13:50		Plenary 03 13:50–14:20		
14:00			Plenary 05 14:00–14:30	
14:20		Presentation Session 05–06 (4 per room) 14:20–15:40		
14:30			Presentation Session 13–14 (5 per room) 14:30–16:10	
15:40		Coffee Break 15:40–16:00		
16:00		Presentation Session 07–08 (3 per room) 16:00–17:00		
16:10			Coffee Break 16:10–16:30	
16:30			Presentation Session 15–16 (5 / 4 presentations) 16:30–17:54 / 17:42	
17:00	Registration 17:00–20:00			
17:42				
17:54				
19:00		Speakers' Dinner 19:00 onward	Conference Dinner 19:00 onward	

Program I — November 21

Saturday, November 21, 2026

Morning program

Time	F1-b102	
08:30–08:50	Opening Ceremony	
08:50–09:20	Plenary 01 · Chair: Yong Cao (South China University of Technology) **Ching W. Tang (University of Rochester)** OPV40 – A Retrospective and Outlook	
09:20–09:50	Plenary 02 · Chair: Yuguang Ma (South China University of Technology) **Alex K-Y. Jen (City University of Hong Kong)** Molecular Engineering of Hybrid Materials for Highly Efficient and Stable Organic and Perovskite Solar Cells	
	Session 01 · F1-b102	**Session 02 · F1-b108**
	Chair: Yun Hi Kim (Gyeongsang National University)	**Chair: Gang Li (The Hong Kong Polytechnic University)**
09:50–10:10	Presentation 01 **Jun Yeob Lee** (Sungkyunkwan University) Pt Complexes for Long Lifetime Blue Phosphorescent Organic Light-Emitting Diodes	Presentation 02 **Bumjoon Kim** (Korea Advanced Institute of Science and Technology) Design of Electroactive Polymers with High Mechanical Properties for Intrinsically-Stretchable Solar Cells
10:10–10:30	Presentation 03 **Bin Hu** (Xi'an Jiaotong University) Singlet-triplet coupling to enable un-usual endothermic and momentum-breaking light emission in TADF and hot-exciton OLEDs	Presentation 04 **Takeshi Sano** (Yamagata University) Materials Design and Functional Prototyping of Organic Photovoltaic Cells
10:30–10:50	Coffee Break	
	Session 03 · F1-b102	**Session 04 · F1-b108**
	Chair: Zuoquan Jiang (Soochow University (Suzhou))	**Chair: Feng He (Southern University of Science and Technology)**
10:50–11:10	Presentation 05 **Yun Chi** (City University of Hong Kong) Return of Ir(III) Carbene Emitters for Blue Organic Light Emitting Diodes	Presentation 06 **Gang Li** (The Hong Kong Polytechnic University) Exploration on the fusion of organic and perovskite photovoltaics
11:10–11:30	Presentation 07 **Yun Hi Kim** (Gyeongsang National University) Design Strategies of Emitting Materials for UHD OLED with New Color Standard of BT2020	Presentation 08 **Ni Zhao** (The Chinese University of Hong Kong) Multifunctional Photodetectors for Miniaturized Optical Sensing and In-Sensor Computing
11:30–11:50	Presentation 09 **Bing Yang** (Jilin University) Folding-induced Room-Temperature Phosphorescence Enhancement in Pure Organic System	Presentation 10 **Xiaotian Hu** (Nanchang University) 印刷柔性光伏 (Printed Flexible Photovoltaics)
11:50–12:10	Presentation 11 **Taekyung Kim** (Kyung Hee University) Unraveling the Origin of Operational Stability in Blue Phosphorescent OLEDs	Presentation 12 **Lijian Zuo** (Zhejiang University) Efficiency Loss Mechanisms and Multiscale Structural Engineering in Organic Photovoltaics
12:10–13:50	Poster Session 1: F1b corridors by F1-b102 Lunch: D5 Canteen, 2F	

Program I — November 21

Saturday, November 21, 2026

Afternoon program

Time	F1-b102	
13:50–14:20	Plenary 03 · Chair: Furong Zhu (Hong Kong Baptist University) **Seunghyup Yoo (Korea Advanced Institute of Science and Technology)** Harnessing Organic Devices for Wearables Optoelectronics: from Stretchable Displays to Healthcare Applications	
	Session 05 · F1-b102	**Session 06 · F1-b108**
	Chair: Jun Yeob Lee (Sungkyunkwan University)	**Chair: Han Young Woo (Korea University)**
14:20–14:40	Presentation 13 **Lixin Xiao** (Peking University) Endothermic Triplet Exciton Reservoir for OLED	Presentation 14 **Feng He** (Southern University of Science and Technology) Precise Synthesis and Hierarchical Structural Regulation of Oligomeric Optoelectronic Materials
14:40–15:00	Presentation 15 **Zuoquan Jiang** (Soochow University (Suzhou)) Spiro-Structured Organic Light-Emitting Materials	Presentation 16 **Chu-Chen Chueh** (National Taiwan University) Advancing Organic-Inorganic Hybrid Perovskites: From Photovoltaics to Emerging Applications
15:00–15:20	Presentation 17 **Yusei Sasaki** (Nanostructures Research Laboratory, Japan Fine Ceramics Center) Quantitative Mapping of Internal Potential Distributions in Organic Light-Emitting Diodes by Electron Holography	Presentation 18 **Yicheng Zhao** (University of Electronic Science and Technology of China) 高通量实验与预训练模型加速新型光伏材料研发 (Accelerating the Development of Novel Photovoltaic Materials with High-Throughput Experiments and Pretrained Models)
15:20–15:40	Presentation 19 **Shaolong Gong** (Wuhan University) Efficient coinage-metal TADF emitters for OLEDs	Presentation 20 **Changsoon Cho** (Pohang University of Science and Technology) Charge Transport and Photon Recycling in Perovskite Optoelectronic Devices
15:40–16:00	Coffee Break	
	Session 07 · F1-b102	**Session 08 · F1-b108**
	Chair: Lixin Xiao (Peking University)	**Chair: Bumjoon Kim (Korea Advanced Institute of Science and Technology)**
16:00–16:20	Presentation 21 **Feng Yan** (The Hong Kong Polytechnic University) Organic Electrochemical Transistors for Biosensors	Presentation 22 **Han Young Woo** (Korea University) Conjugated Polyelectrolytes for Integrated Electronic, Ionic, and Interfacial Functions
16:20–16:40	Presentation 23 **Dae Sung Chung** (Pohang University of Science and Technology) Organic Electrochemical Transistors: Current Debates and Open Questions	Presentation 24 **Panchao Yin** (South China University of Technology) Dynamics Studies-Guided Innovation of Organic Superionic Conductors
16:40–17:00	Presentation 25 **Chien-Chung Shih** (National Chung Hsing University) Molecular Design for Durable and Stretchable Organic Electrochemical Transistors	Presentation 26 **Myung-Han Yoon** (Gwangju Institute of Science and Technology) Beyond Mixed Conduction: Engineering Crystalline PEDOT:PSS Architectures for Volumetric Electrocatalysis
19:00	Speakers' Dinner	

Program II — November 22

Sunday, November 22, 2026

Morning program

Time	F1-b102	
08:30–09:00	Plenary 04 · Chair: Junji Kido (South China University of Technology) **Itaru Osaka (Hiroshima University)** Emerging Molecular Design Concepts for Efficient Charge Transport in π-Conjugated Polymers	
	Session 09 · F1-b102	**Session 10 · F1-b108**
	Chair: Zhongan Li (Huazhong University of Science and Technology)	**Chair: Hironori Kaji (Kyoto University)**
09:00–09:20	Presentation 27 **Kilwon Cho** (Pohang University of Science and Technology) Tuning Charge Generation and Transport through Controlled Doping in Conjugated Polymers	Presentation 28 **Hisahiro Sasabe** (Yamagata University) Highly Luminescent Aluminum Complexes with β-Diketone Ligands Exhibiting TADF for High-Performance Solution-Processed OLEDs
09:20–09:40	Presentation 29 **Zonglong Zhu** (City University of Hong Kong) From Organic Polymer Design to Autonomous Optimization of Perovskite Photovoltaics	Presentation 30 **Xiaoye Wang** (Nankai University) High-Color-Purity Organic Optoelectronic Materials
09:40–10:00	Presentation 31 **Hiroko Yamada** (Kyoto University) Solvent-Desorption-Induced Formation of a Long-Period Polymorph Yielding a High-Performance Porphyrin-Based Organic Semiconductor	Presentation 32 **Songnan Qu** (University of Macau) Bandgap Engineering of Luminescent Carbon Nanodots and Their Biological Applications
10:00–10:20	Presentation 33 **Toshihiro Shimada** (Hokkaido University) Computer Simulation of Crystal Growth of Organic Molecules	Presentation 34 **Zhiwei Liu** (Peking University) Electroluminescence of d-f transition rare earth complex
10:20–10:40	Coffee Break	
	Session 11 · F1-b102	**Session 12 · F1-b108**
	Chair: Paddy Kwok Leung Chan (The University of Hong Kong)	**Chair: Zonglong Zhu (City University of Hong Kong)**
10:40–11:00	Presentation 35 **Furong Zhu** (Hong Kong Baptist University) Bioinspired Organic Photodetectors for Adaptive Multispectral Vision	Presentation 36 **Hin-Lap Yip** (City University of Hong Kong) Epitaxy Mimicking Molecular Interfaces for Organic and Perovskite Solar Cells
11:00–11:20	Presentation 37 **Cheng-Liang Liu** (National Taiwan University) Organic/Hybrid Thermoelectric Materials and Devices	Presentation 38 **Zhongan Li** (Huazhong University of Science and Technology) SAM Design for Efficient and Stable Inverted Perovskite Solar Cells
11:20–11:40	Presentation 39 **Olga Fedorova** (A. N. Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences) Photosensitive organic-inorganic hybrid materials for semiconductor gas sensor applications	Presentation 40 **Yan-Duo Lin** (Soochow University (Taipei)) Hole-Transporting Materials and Self-Assembled Hole-Selective Contacts for Perovskite Solar Cells and Tandem Devices
11:40–12:00	Presentation 41 **Li-Yin Chen** (National Yang Ming Chiao Tung University) Carbazole-Based Small-Molecule Gas Sensors: Intriguing Sensing Phenomena and Structure-Property Relationships	Presentation 42 **Chieh-Ting Lin** (National Chung Hsing University) Interface and Crystallization Engineering in Sn–Pb Perovskite Solar Cells
12:00–12:12	Presentation 43 **Qinglin Jiang** (South China University of Technology) Organic Magnetic Semiconductors	Presentation 44 **Guodan Wei** (Tsinghua University) Exciton Dynamics and Interfacial Interactions for High-Efficiency Organic Photovoltaics
12:12–14:00	Poster Session 2: F1b corridors by F1-b102 Lunch: D5 Canteen, 2F	

Program II — November 22

Sunday, November 22, 2026

Afternoon program

Time	F1-b102	
14:00–14:30	Plenary 05 · Chair: Yong-Young Noh (Pohang University of Science and Technology) **Jun Liu (Changchun Institute of Applied Chemistry, Chinese Academy of Sciences)** To Design Organic/Polymer Opto-electronic Materials Using B,N Bond	
	Session 13 · F1-b102	**Session 14 · F1-b108**
	Chair: Xiaoye Wang (Nankai University)	**Chair: Hongwei Han (Huazhong University of Science and Technology)**
14:30–14:50	Presentation 45 **Guohua Xie** (Xiamen University) High-performance solution-processed OLEDs	Presentation 46 **Yong-Young Noh** (Pohang University of Science and Technology) Development of high performance metal halide transistors
14:50–15:10	Presentation 47 **Takayuki Miyamae** (Chiba University) Probing of the Electric Field inside OLEDs under Operation using Vibrational and Electronic Sum-Frequency Generation Spectroscopy	Presentation 48 **Hong Meng** (Peking University Shenzhen Graduate School) 超高分子量共轭聚合物：材料极限挑战及柔性光材料电器件产业化 (Ultrahigh-Molecular-Weight Conjugated Polymers: Pushing Material Limits and Commercializing Flexible Optoelectronic Devices)
15:10–15:30	Presentation 49 **Dongdong Zhang** (Tsinghua University) TADF sensitized materials and OLEDs	Presentation 50 **Lei Ying** (South China University of Technology) Organic Hole Interfacial Materials Printable Electronic Devices
15:30–15:50	Presentation 51 **Kazuhiro Gotoh** (Niigata University) Integration of a Silicone-Based Droplet Electricity Nanogenerator with an Encapsulated Si Solar Cells	Presentation 52 **Paddy Kwok Leung Chan** (The University of Hong Kong) Organic Field-Effect Transistors and Their Applications in Brain–Computer Interfaces
15:50–16:10	Presentation 53 **Yuya Tanaka** (Gunma University) Electret-Based Vibration Energy Harvesters Using Spontaneously Oriented Polar Molecules	Presentation 54 **Long Ye** (Tianjin University) Optimization Requirements and Guidelines for Stretchable Organic Solar Cells
16:10–16:30	Coffee Break	
	Session 15 · F1-b102	**Session 16 · F1-b108**
	Chair: Hin-Lap Yip (City University of Hong Kong)	**Chair: Hong Meng (Peking University Shenzhen Graduate School)**
16:30–16:50	Presentation 55 **Hongwei Han** (Huazhong University of Science and Technology) All-Wet Processed Printable Mesoscopic Perovskite Solar Cells	Presentation 56 **Fengjia Fan** (University of Science and Technology of China) Challenges toward electrically pumped organic lasers: Insights from electrically excited transient absorption spectroscopy
16:50–17:10	Presentation 57 **Xinhui Lu** (The Chinese University of Hong Kong) Linking Multiscale Morphology to Device Loss Mechanisms in Organic Photovoltaics	Presentation 58 **Kenichi Goushi** (Kyushu University) Molecular Engineering of Low-Threshold and Bifunctional Organic Gain Materials for Organic Semiconductor Lasers
17:10–17:30	Presentation 59 **Chunhui Duan** (South China University of Technology) Industry-Oriented Organic Photovoltaic and Photodetection Materials	Presentation 60 **Rie Suizu** (Saga University) Electronic-State-Driven Design of Molecular Materials through Molecular and Interface Engineering
17:30–17:42	Presentation 61 **Yuriy N. Luponosov** (Enikolopov Institute of Synthetic Polymer Materials, Russian Academy of Sciences) Development of π-conjugated donor-acceptor molecules for highly efficient organic and perovskite solar cells	Presentation 62 **Kang Wang** (Institute of Chemistry, Chinese Academy of Sciences) Exciton losses in electrically driven organic semiconductor lasers
17:42–17:54	Presentation 63 **Shaomin Ji** (Guangdong University of Technology) Design and Applications of Organic Triplet State Photofunctional Materials	
19:00	Conference Dinner	

Program III — November 23

Monday, November 23, 2026

Morning program

	Session 17 · F1-b102	Session 18 · F1-b108
	Chair: Feng Zhu (Changchun Institute of Applied Chemistry, Chinese Academy of Sciences)	**Chair: Chuanjiang Qin (Changchun Institute of Applied Chemistry, Chinese Academy of Sciences)**
08:30–08:50	Presentation 64 **Hironori Kaji** (Kyoto University) Photokineticism: Multiscale Kinetics of Excited States based on Rate Constants	Presentation 65 **Haizheng Zhong** (Beijing Institute of Technology) Voltage-Current-Emission Framework of Time-Resolved Electroluminescence
08:50–09:10	Presentation 66 **Zhenguo Chi** (Wuyi University) Construction and Properties of Stimuli-Responsive Luminescent Flexible Hydrogen-Bonded Organic Frameworks	Presentation 67 **Xuyong Yang** (Shanghai University) Hybrid semiconductor luminescent materials and devices
09:10–09:30	Presentation 68 **Ping Lu** (Jilin University) High-Efficiency Organic Light-Emitting Materials with Narrowband Emission	Presentation 69 **Siyu Lu** (Zhengzhou University) 碳化聚合物点发光材料 (Luminescent Materials Based on Carbonized Polymer Dots)
09:30–09:50	Presentation 70 **Zhiming Wang** (South China University of Technology) High-Performance Deep-Blue Organic Electroluminescent Materials via a Crossed Long–Short Axis (CLSA) Strategy	Presentation 71 **Chunmiao Han** (Heilongjiang University) Phosphine optoelectronic materials and OLEDs
09:50–10:10	Presentation 72 **Katsuaki Suzuki** (Kyoto University) Quantitative Analysis of Amorphous Structures in Organic light-Emitting Diodes by Solid-State NMR	Presentation 73 **Lihua Lin** (Fuzhou University) Full-Color Ultrahigh-Resolution Quantum-Dot Light-Emitting Diodes
10:10–10:30	Coffee Break	
	Session 19 · F1-b102	**Session 20 · F1-b108**
	Chair: Xuyong Yang (Shanghai University)	**Chair: Haizheng Zhong (Beijing Institute of Technology)**
10:30–10:50	Presentation 74 **Chuanjiang Qin** (Changchun Institute of Applied Chemistry, Chinese Academy of Sciences) Multifunctional self-assembled molecules for perovskite optoelectronics	Presentation 75 **Ning Li** (South China University of Technology) AI and Data-Driven Innovation in Advanced Organic Electronics
10:50–11:10	Presentation 76 **Feng Zhu** (Changchun Institute of Applied Chemistry, Chinese Academy of Sciences) High-Performance Crystalline Thin-Film OLEDs	Presentation 77 **Xun Tang** (Institute of Chemistry, Chinese Academy of Sciences) Exciton Manipulation in Organic Light-Emitting Semiconductors
11:10–11:30	Presentation 78 **Jeong-Hwan Lee** (Inha University) Transient Electroluminescence as a Unified Probe of Charge Transport and Recombination Dynamics in OLEDs	Presentation 79 **Hyojung Cha** (Kyungpook National University) From Molecular Engineering to Long-Lived Charge Carriers: Design Principles for Organic Photocatalysts
11:30–11:42	Presentation 80 **Kai Wang** (Soochow University (Suzhou)) Multiboron Polycyclic Frameworks Enable High-Efficiency, High-Color-Purity OLEDs	Presentation 81 **Zhiyong Yang** (Sun Yat-sen University) The Design of Organic Materials with Sensitive Machano-Responsive Persistent RTP
11:42–11:54	Presentation 82 **Sergey Tokarev** (A. N. Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences) Compounds for OLED at INEOS RAS	Presentation 83 **Wenkai Zhong** (South China University of Technology) Multiscale Structural Evolution and Structure–Property Relationships in Conjugated Polymers under Strain
11:54–12:04	Closing Ceremony and Poster Awards	
12:04	Lunch / Departure — D5 Canteen, 2F	