

**Program for the 13th Japan-China Joint Symposium on Conduction and Photoconduction in Organic Solids and
Related Phenomena
October 20–23, 2019; Shanghai, China**

<u>Oct. 20, 2019</u>		
09:00-16:30	Registration	
Venue	Yi-Fu Building, East China University of Science and Technology	
16:30-16:40	Welcome Remarks (Prof. He Tian + Vice president)	
16:40-16:50	Opening Remark (Prof. Daoben Zhu)	
16:50-17:00	Opening Remark (Prof. Yukio Furukawa)	
Session A	Chair: Prof. He Tian	
17:00-17:25	IL-1	Prof. Lei Jiang: Super-Wettability Based Fabrication and Patterning of organic functional materials
17:25-17:50	IL-2	Prof. Toshio NAITO: A Possible Unique and Highly Conducting State in a UV-Excited Molecular Crystal
17:50-18:15	IL-3	Prof. Jian Pei: Strategies to Enhance the Conductivity of n-Type Thermoelectric Polymers
18:15-18:40	IL-4	Prof. Lixiang Wang: Through-Space Charge Transfer Polymers for Solution-processed OLEDs
18:45-20:30 Welcoming Reception (Grand Skylight Gardens Hotel)		

<u>Oct. 21, 2019, Morning</u>		
Session A	Chair: Prof. Lixiang Wang	
08:30-08:55	IL-5	Prof. Zhongfan Liu: The Adventure with Graphene: From Science to Industry
08:55-09:20	IL-6	Prof. Kunio AWAGA: Optoelectronic Conversion using Photo-Induced Pure Polarization Current in Organic Photocells
09:20-09:45	IL-7	Prof. Lifeng Chi: The Role of Charge Transport on Gas Sensor based on Ultra-thin Organic Films
9:45-10:10	IL-8	Prof. Wei Huang: Recent Advances in Flexible Optoelectronics
10:10-10:30 Photo & Coffee Break		
Session A	Chair: Prof. Toshio NAITO	
10:30-10:55	IL-9	Prof. Xiaohong Zhang: Large-area Precise Patterning of Organic Micro/Nano-crystals for High-Performance Optoelectronic Devices
10:55-11:20	IL-11	Prof. Hironori KAJI: A new material design for TADF and TADF-assisted-fluorescence OLEDs
11:20-11:45	IL-13	Prof. Gang Yu: Short-wavelength infrared photodetectors and high pixel density image arrays made with organic semiconductors
11:45-12:10	IL-15	Prof. Dahui Zhao: Designing High-efficiency Photosensitizer with Long Triplet Lifetime
Session B	Chair: Prof. Jian Pei	
10:30-10:55	IL-10	Prof. Haoli Zhang: Molecular Design towards Single-Molecule Devices
10:55-11:20	IL-12	Prof. Kouki AKAIKE: Structural Disorder upon Formation of Organic Heterointerfaces
11:20-11:45	IL-14	Prof. Xinhui Lu: Synchrotron X-ray Scattering based Third Generation Solar Cell Studies
11:45-12:10	IL-16	Prof. Cheng Wang: Three-dimensional Covalent Organic Frameworks
12:10-13:30 Lunch (Friendship Cafe)		

<u>Oct. 21, 2019, Afternoon</u>	
Session A	Chair: Prof. Haoli Zhang

13:30-13:55	IL-17	Prof. Zhen Li: The Modification of the Functionality of π -Molecules through the Structural Adjustment
13:55-14:20	IL-19	Prof. Anjun Qin: AIE-active polymers and their applications in sensing and bioimaging
14:20-14:45	IL-21	Prof. Makoto INOKUCHI: Solid-State Photochromism of Diarylethenes Induced by Shear Stress
14:45-15:10	IL-23	Prof. Yuwu Zhong: Crystalline Nanostructures of Photofunctional Transition-Metal Complexes
15:10-15:35	IL-25	Prof. Qichun Zhang: Towards Emerging Properties and Applications of Organic Cocrystals
Session B	Chair: Prof. Hironori KAJI	
13:30-13:55	IL-18	Prof. Yanhou Geng: Tuning Energy Levels toward Unipolar n-Type Conjugated Polymers
13:55-14:20	IL-20	Prof. Takehiko MORI: Transistors of Charge-Transfer Complexes
14:20-14:45	IL-22	Prof. Huanli Dong: Investigation of High-efficiency Organic Light Emitting Transistors
14:45-15:10	IL-24	Prof. Hanying Li: Solution-Grown Organic Single-Crystalline Heterojunctions
15:10-15:35	IL-26	Prof. Xiaozhang Zhu: Quinoid-Type Organic Optoelectronic Energy Materials
15:35-15:50 Coffee Break		
Session A	Chair: Prof. Xiaohong Zhang	
15:50-16:15	IL-27	Prof. Fei Huang: Novel Donor-Acceptor Conjugated Polymers for High-Performance Polymer Solar Cells
16:15-16:40	IL-29	Prof. Feng He: Chlorinated Non-fullerene Polymer Solar Cells
16:40-17:05	IL-31	Prof. Hiroyuki YOSHIDA: Energy levels of organic-organic interfaces in the film of donor and acceptor blends
17:05-17:30	IL-33	Prof. Jun Liu: n-Type Polymer Semiconductors Containing B←N Unit and Their Application in OPVs and OFETs
17:30-17:55	IL-35	Prof. Yanming Sun: Polymer Fibril Network Morphology Enables High-Performance Organic Solar Cells
17:55-18:20	IL-37	Prof. Yongsheng Liu: Application of organic molecule materials in perovskite solar cells
Session B	Chair: Prof. Kunio AWAGA	
15:50-16:15	IL-28	Prof. Yue Wang: High Performance Organic Light Emitting Materials Based on Benzimidazole-Triazine Derivatives
16:15-16:40	IL-30	Prof. Lian Duan: Blue TADF OLEDs with improved stability

16:40-17:05	IL-32	Prof. Takayuki MIYAMAE: Carrier Behavior in OLEDs under operation by Electric-Field-Induced Doubly Resonant SFG Spectroscopy
17:05-17:30	IL-34	Prof. Wenjing Tian: Relationship between Aggregation Structures and Opto-Electronic Properties of Organic Luminescent Materials
17:30-17:55	IL-36	Prof. Lixin Xiao: Highly efficient blue OLED
17:55-18:20	IL-38	Prof. Jianpu Wang: Perovskite LEDs: High Efficiency and High Brightness
18:20-20:00 Dinner (Friendship Cafe)		

Oct. 22, 2019, Morning

<u>Oct. 22, 2019, Morning</u>		
Session A	Chair: Prof. Kazuo TAKIMIYA	
08:30-08:55	IL-39	Prof. Xiaowei Zhan: ITIC Family Fused-Ring Electron Acceptors for Organic Photovoltaics
08:55-09:20	IL-41	Prof. Yanchun Han: The Interpenetrating Network of Polymer/Nonfullerene Blends: Separate the Crystallization Process and Change the Crystallization Sequence
09:20-09:45	IL-43	Prof. Hongzheng Chen: Small Molecule Electron Acceptors for Low Cost and High Performance Organic Solar Cells
09:45-10:10	IL-45	Prof. Zhijun Ning: Organic molecules tuned perovskite structure for high efficiency lead free perovskite solar cells
Session B	Chair: Prof. Zhigang Shuai	
08:30-08:55	IL-40	Prof. Wenjing Hong: Electrochemical gating of quantum interference in single-molecule junctions
08:55-09:20	IL-42	Prof. Hongxiang Li: Quinoidal Organic semiconductor Based n-Channel Organic Field-Effect Transistors with Low-Cost Metal Electrodes
09:20-09:45	IL-44	Prof. Chong'an Di: Exploring High Performance Organic Thermoelectric Materials for Multifunctional Applications
09:45-10:10	IL-46	Prof. Tomoyuki AKUTAGAWA: One- and Two-Dimensional Liquid Crystalline Ferroelectrics
10:10-10:25 Coffee Break		
Session A	Chair: Prof. Yukio Furukawa	
10:25-10:50	IL-47	Prof. Zhixiang Wei: Nano-morphology optimization for Binary and Ternary Organic Solar Cells
10:50-11:15	IL-49	Prof. Yongshu Xie: Syntheses, structures and Photovoltaics of Novel Porphyrins and Porphyrinoids
11:15-11:40	IL-51	Prof. Takashi TAKEDA: Jumping Crystal of a Hydrogen-Bonded Organic Framework
11:40-12:05	IL-53	Prof. Feng Liu: Multilength Scaled Morphology in Organic Photovoltaics
Session B	Chair: Prof. Xuefeng Guo	
10:25-10:50	IL-48	Prof. Yongsheng Zhao: Organic Printed Microlaser Arrays
10:50-11:15	IL-50	Dr. Yang Wu: Covalent Organic Framework Derived Materials for Electrical Energy Storage

11:15-11:40	IL-52	Prof. Xike Gao: Azulene-Based π -Functional Materials
11:40-12:05	IL-54	Prof. Xiang Ma: Stimuli-responsive Luminescent Supramolecules
12:05-13:30 Lunch (Friendship Cafe)		

<u>Oct. 22, 2019, Afternoon</u>		
13:30-15:00	Poster Session	
Session A	Chair: Prof. Chunhai Fan	
15:00-15:25	IL-55	Prof. Zhaohui Wang: Nano-Carbon Imides: Precise Synthesis and Applications
15:25-15:50	IL-57	Prof. Quli Fan: Excited-State Dynamics in Organic Phototheranostic Materials
15:50-16:15	IL-59	Prof. Dongge Ma: High efficiency white OLEDs based on exciplexes
16:15-16:40	IL-61	Prof. Hiroaki Iguchi: Naphthalenediimide-based Porous Molecular Conductors Constructed from Linear Coordination Polymers
Session B	Chair: Prof. Weihong Zhu	
15:00-15:25	IL-56	Prof. Yanlin Song: Green Printing Technology for Functional Devices
15:25-15:50	IL-58	Prof. Yao Yao: Room temperature ferromagnetism in purely organic semiconductors
15:50-16:15	IL-60	Prof. Xiangfeng Shao: Heterasumanenes: from large scale synthesis to regioselective functionalization
16:15-16:40	IL-62	Dr. Yuya Tanaka: Development of Vibrational Energy Generator Composed of Polar Molecules
16:40-16:55 Coffee Break		
Session A	Chair: Prof. Yanlin Song	
16:55-17:20	IL-63	Prof. Masahiro YAMASHITA: Highly Conducting Single-Molecule Magnets with Magnetoresistance
17:20-17:45	IL-65	Prof. Junhua Luo: Rational Design of Organic-Inorganic Hybrid Photoferroelectrics
17:45-18:10	IL-67	Prof. Peinian Liu: On-surface synthesis of planar dendrimers via divergent cross-coupling reaction
18:10-18:35	IL-69	Prof. Kiyonori TAKAHASHI: Phase Transition Behavior of Ferromagnetic Oxalate-Bridged Bimetallic Complexes with Structural

		Polarity
Session B	Chair: Prof. Minghua Liu	
16:55-17:20	IL-64	Prof. Dahui Qu: Bistable Rotaxanes: Preparation, Function and Self-Assembly
17:20-17:45	IL-66	Dr. Ryo TSUNASHIMA: Molecular metal-oxide; exploring the fine synthetic method and designing solid state property
17:45-18:10	IL-68	Prof. Liangliang Zhu: Involving Synergy of self-assembly and photochemistry in building dynamic emissive materials
18:10-18:35	IL-70	Dr. Ming Liu: Design Function in Porous Organic Solids
18:35-20:00 Dinner (Friendship Cafe)		

<u>Oct. 23, 2019, Morning</u>		
Session A	Chair: Prof. Zhaohui Wang	
08:30-08:55	IL-71	Prof. Yunqi Liu: Polymeric Semiconductors for High-Performance Field-Effect Transistors
08:55-09:20	IL-72	Prof. Yongfang Li: High Performance and Low Cost Conjugated D-A Copolymer Donor Based on Thiophene D-unit and Quinoxaline A-unit
09:20-09:45	IL-73	Prof. Yukio Furukawa: Recombination Dynamics of Photogenerated Carriers in Regioregular Poly(3-hexylthiophene):PCBM Blend Film by Microsecond Time-Resolved Infrared Spectroscopy
09:45-10:10	IL-74	Prof. Zhigang Shuai: Two-band model for the electrical and thermoelectric transports in n-type coordinate polymers
10:10-10:25 Coffee Break		
Session A	Chair: Prof. Masahiro YAMASHITA	
10:25-10:50	IL-75	Prof. Chunhai Fan: Framework nucleic acids-guided molecular sensing and imaging
10:50-11:15	IL-76	Prof. Kazuo TAKIMIYA: Toward “Designed Organic Semiconductors”: Manipulation of Packing Structures by Molecular Design
11:15-11:40	IL-77	Prof. Minghua Liu: Supramolecular Nanoassemblies of π -gelators for Switchable Circularly Polarized Luminescence
11:40-12:05	IL-78	Prof. Weihong Zhu: Sterically Hindered Diarylethenes: Enantiospecific Transformation and Light-Triggered Reversible Supramolecular System
12:05-12:15 Closing Remarks (Prof. Deqing Zhang)		
12:15-13:30 Lunch (Friendship Cafe)		