

The 9th Asian Conference on Organic Electronics (A-COE 2017)

Oct. 25 - 27, KAIST, Daejeon, Rep. of Korea

Conference Program

G = 'General', L = 'OLED or other emerging light sources',

S = 'Solar Cells', E = 'Organic Electronics', N = 'New emerging applications'

Date	Session	Time Schedule	Name	Institute	Country	Title of the talk					
2017/10/25 (WED)		18:00 - 19:30	Welcome Reception (Hotel ICC, 3rd Floor Lobby)								
	1G	9:20 - 9:30	Opening								
		9:30 - 9:50	Jang-Joo Kim	Seoul National University	KR	Origin of the Orientation of Ir Complexes in Organic Semiconductor Layers					
		9:50 - 10:10	De Chun Zou	Peking University	CN	High Performance Planar and Fiber-Shaped Hybrid Perovskite Memristors and Memristive Property's Effects on Solar Cells					
		10:10 - 10:30	Ken-Tsung Wong	National Taiwan University	TW	High Efficiency Vacuum-Processed Organic Solar Cells					
		10:30 - 10:50	Tzung-Fang Guo	National Cheng-Kung University	TW	All-inorganic metal oxide electrode interlayers in stable perovskite solar cells					
		10:50 - 11:05	Coffee Break								
	2G	11:05 - 11:25	Kilwon Cho	Postech	KR	Molecular Orientation Dependent Photon Harvesting and Exciton Dissociation in Organic Solar Cells					
		11:25 - 11:45	Peter Ho	National University of Singapore	SG	Solution Processed Ohmic Contacts to Organic Electronics					
		11:45 - 12:05	Jun Takeya	University of Tokyo	JP	Phonons and Mechano-electronics of Organic Semiconductors					
		12:05 - 12:25	Tae-Woo Lee	Seoul National University	KR	Flexible and Stretchable Organic Artificial Synapses					
		12:25 - 14:25	Poster Session (KI Building Lobby)								
	2017/10/26 (THU)	3S (EEWS Special Session)	14:25 - 14:45	Yong-Jin Pu	RIKEN	JP	Non-polycyclic π -conjugated molecules with singlet exciton fission character in organic photovoltaics				
			14:45 - 15:05	Dahui Zhao	Peking University	CN	Perylenediimide-based Electron Acceptors and Their Applications in All-polymer Solar Cells				
			15:05 - 15:25	Hae Jung Son	Korea Institute of Science and Technology (KIST)	KR	Development of High Performance Organic Solar Cells by Utilizing e-Donating Random Copolymers				
			15:25 - 15:45	Bumjoon Kim	KAIST	KR	Impact of Side Chain Engineering and Molecular Weight Control of Polymer Acceptors in All-Polymer Solar Cells				
			15:45 - 16:00	Coffee Break							
	4S (EEWS Special Session)	16:00 - 16:20	Yabing Qi	Okinawa Institute of Science and Technology	JP	Perovskite Material and Solar Cell Research by Surface Science and Advanced Characterization					
		16:20 - 16:40	Jung-Yong Lee	KAIST	KR	Formation and Morphology Control of Polymeric Films on an Aqueous Substrate for Optoelectronic Devices					
		16:40 - 17:00	Shu Kong SO	Hong Kong Baptist University	HK	Subgap optical absorptions of semiconducting polymers and their bulk heterojunction blends for solar cells					
17:00 - 17:20		Nobuhiro Yanai	Kyushu University	JP	Photon Upconversion toward Enhancing Renewable Energy Productions						
	18:00 - 20:00	Banquet (Hotel ICC, Conventional Hall, 2nd Floor)									
						Session	Time Schedule	Name	Institute	Country	Title of the talk
						3E	14:25 - 14:45	Steve Park	KAIST	KR	Controlling the Crystallization of Small Molecule Organic Semiconductors using Solution Shearing and their Application to Field-effect Transistors
					14:45 - 15:05		Yun-Hi Kim	Gyeongsang National University	KR	Design Strategy of Organic Semiconducting Material for Organic Electronics	
					15:05 - 15:25		Chien-Lung Wang	National Chiao Tung Univ.	TW	Roles of Conjugation Length in the Formation of Structural Defects in the Crystal Array of DPP Oligomers	
					15:25 - 15:45		Yong-Yong Noh	Dongguk University	KR	Solid-State Electrolyte-Gated Insulator (SEGI) for Low-Voltage Operated Organic Field-Effect Transistors	
						4L	16:00 - 16:20	Kyung-Cheol Choi	KAIST	KR	A fibertronic approach based on organic light-emitting diodes toward wearable displays
					16:20 - 16:40		Jianxin Tang	Soochow University	CN	High-performance flexible OLEDs with device architecture engineering	
					16:40 - 17:00		Cheolmin Park	Yonsei University	KR	Self assembled polymer nanostructures for stimuli-interactive display	
					17:00 - 17:20		Lian Duan	Tsinghua University	CN	Highly Efficient and Stable Organic Light-emitting Diodes using Hosts with TADF	

Date	Session	Time Schedule	Name	Institute	Country	Title of the talk	Session	Time Schedule	Name	Institute	Country	Title of the talk
2017/10/27 (FRI)	5L	9:40 - 10:00	Hiroyoshi Naito	Osaka Prefecture University	JP	Electrical characterization of inverted organic light emitting diodes - roles of polyethyleneimine and measurement of transport properties	5N	9:40 - 10:00	Joon Hak Oh	POSTECH	KR	Flexible and Stretchable FET-Type Sensors Based on Organic and Polymeric Materials
		10:00 - 10:20	Lixin Xiao	Peking University	CN	High-Efficiency Blue OLEDs		10:00 - 10:20	Feng YAN	Hong Kong Polytechnic University	HK	Organic electronic devices for biological applications
		10:20 - 10:40	Jang Hyuk Kwon	Kyunghee University	KR	High Efficiency Deep Blue TADF Material		10:20 - 10:40	YounGu Lee	DGIST	KR	Copper nanowire based transparent electrodes for flexible organic electronic devices
	10:40 - 11:00	Coffee Break										
	6L	11:00 - 11:20	Satoru Ohisa	Yamagata University	JP	Developments of Electron-acceptor Layers for Interconnection Layers in Solution-processed Multi-OLEDs	6N	11:00 - 11:20	Furong Zhu	Hong Kong Baptist University	HK	Highly Sensitive Near Infrared Organic Phototransistors
		11:20 - 11:40	Toshinori Matsushima	Kyushu University	JP	Toward Continuous-Wave Operation of Organic Semiconductor Lasers		11:20 - 11:40	Shun-Wei Liu	Ming-Chi Univ. of Technology	TW	Near-Infrared upconversion devices for display applications
		11:40 - 12:00	Jong-Wook Park	Kyunghee University	KR	Novel Core Chromophores Based on Specific Chemical Structures and Their Effects		11:40 - 12:00	Felix Sunjoo Kim	Chung-Ang University	KR	Electrical Conductivity and Stability of Conjugated Polymer Composites
		12:00 - 12:20	Jaehyun Moon	ETRI	KR	Accurate Graphene Film Patterning for Larger Area OLED Panels		12:00 - 12:20	Shougen YIN	Tianjin University of Technology	CN	Hierarchically buckled superelastic conducting fibers for flexible sensor
	12:20 - 14:00	Lunch Break										
	7G	14:00 - 14:20	Hironori Kaji	Kyoto University	JP	Computer-Assisted Material Design toward Highly Efficient TADF Materials, Multiscale Charge Transport Simulations, and DNP-NMR	7H	14:00 - 14:20	Hironori Kaji	Kyoto University	JP	Computer-Assisted Material Design toward Highly Efficient TADF Materials, Multiscale Charge Transport Simulations, and DNP-NMR
		14:20 - 14:40	Gang Li	Hong Kong Polytech University	HK	Copper Oxides based Interfacial Materials for Solution Processible Solar Cells		14:20 - 14:40	Gang Li	Hong Kong Polytech University	HK	Copper Oxides based Interfacial Materials for Solution Processible Solar Cells
		14:40 - 15:00	Hin-Lap (Angus) Yip	South China University of Technology	CN	Interface Design and Optical Management in Polymer Solar Cells		14:40 - 15:00	Hin-Lap (Angus) Yip	South China University of Technology	CN	Interface Design and Optical Management in Polymer Solar Cells
		15:00 - 15:20	Jun Yeob Lee	SKKU	KR	Highly efficient soluble thermally activated delayed fluorescent organic light-emitting diodes		15:00 - 15:20	Jun Yeob Lee	SKKU	KR	Highly efficient soluble thermally activated delayed fluorescent organic light-emitting diodes
	15:20 - 15:40	Coffee Break										
	8G	15:40 - 16:00	Seunghyup Yoo	KAIST	KR	Highly Flexible Organic Memory with Long Retention	8H	15:40 - 16:00	Seunghyup Yoo	KAIST	KR	Highly Flexible Organic Memory with Long Retention
		16:00 - 16:20	Chun-Sing Lee	City University of Hong Kong	HK	Free carriers vs. exciton generation in organometallic halide Perovskite & conventional organic semiconductors		16:00 - 16:20	Chun-Sing Lee	City University of Hong Kong	HK	Free carriers vs. exciton generation in organometallic halide Perovskite & conventional organic semiconductors
		16:20 - 16:25	Chun-Sing Lee and Furong Zhu	City University of Hong Kong and Hong Kong Baptist Univ.	HK	Intro to A-COE 2018		16:20 - 16:25	Chun-Sing Lee and Furong Zhu	City University of Hong Kong and Hong Kong Baptist Univ.	HK	Intro to A-COE 2018
		16:25 - 16:40	Closing									
	18:00 - 20:00	Invited Speaker Dinner (Transportation to be arranged)										