

EL2018 Program

10th Sep.

start	end	
16:00		Registration
17:00		Welcome Reception

11th Sep.

start	end	
8:30 - 9:30		Registration
9:30 - 9:40		Opening
9:40 - 10:20	PL-1	Prof. Hiroshi Amano (Nagoya University, Japan) Nanorod Display as a Tool for Realizing Sustainable Smart Society
10:20 - 10:50	IL-1	Prof. Jin Jang (Kyunghee University, Korea) High Performance p-i-n quantum-dot light-emitting diodes
10:50 - 11:20	IL-2	Prof. Yasufumi Fujiwara (Osaka University, Japan) Towards semiconductors intracenter photonics
11:20 - 11:40		Break
11:40 - 12:10	IL-3	Prof. Ru-Shi Liu (National Taiwan University, Taiwan) Narrow Band Phosphors for the Application in Light-emitting Diodes
12:10 - 12:40	IL-4	Dr. Anant Setlur (GE Global Research, USA) Mn ⁴⁺ -doped Complex Fluoride Phosphors- Status and Outlook
12:40 - 14:10		Lunch
14:10 - 14:40	IL-5	Prof. Chihaya Adachi (Kyushu University, Japan) NIR OLEDs and lasing
14:40 - 15:10	IL-6	Prof. Andrew Monkman (Durham University, UK) Vibrational coupling in thermally activated delayed fluorescence, how multiple resonant energy states allow you to beat Ir triplet harvesting
15:10 - 15:40	IL-7	Prof. Takuji Hatakeyama (Kwansei Gakuin University, Japan) Development of Ultrapure Blue TADF Materials by Multiple Resonance Effect
15:40 - 16:10	IL-8	Prof. Lian Duan (Tsinghua University, China) TADF sensitized fluorescent OLEDs with improved efficiency and lifetime
16:10 - 16:30		Break
16:30 - 17:00	IL-9	Prof. Sebastian Reineke (Technische Universität Dresden, Germany) Intrinsic performance optimization and active beam shaping of organic light-emitting diodes
17:00 - 17:30	IL-10	Prof. Peter Ho (National University of Singapore, Singapore) Ohmic injection contacts for organic electroluminescence devices
17:30 - 17:45	O-1	Dr. Yuya Tanaka (Chiba University, Japan) Impact of UV/Ozone Treatment for PEDOT:PSS Film on Charge Accumulation in Organic Light-Emitting Diodes Investigated by Displacement Current Measurement
17:45 - 18:00	O-2	Mr. Tatsuki Sasaki (Yamagata University, Japan) High-efficiency OLEDs with a super-low-index hole transport layer
18:00 - 18:15	O-3	Dr. Yoshitake Suzuki (Kyulux Inc., Japan) Development of TADF materials and its application for Hyperfluorescence™

12th Sep.

start	end	
9:00 - 9:40	PL-2	Prof. Ching W. Tang (Hong Kong University of Science and Technology, China) Electroluminescence of Doped Organic Thin Films
9:40 - 10:10	IL-11	Prof. Seunghyup Yoo (KAIST, Korea)

			OLEDs for wearable health-monitoring applications
10:10 - 10:40	IL-12	Prof. Shi-Jian Su (South China University, China)	Highly Efficient Purely Organic Light-Emitting Diodes
10:40 - 11:00			Break
11:00 - 11:30	IL-13	Prof. Wolfgang Brütting (University of Augsburg, Germany)	Molecular orientation as key parameter in organic optoelectronics
11:30 - 12:00	IL-14	Prof. Jang-Joo Kim (Seoul National University, Korea)	Orientation of phosphorescent dyes in OLEDs
12:00 - 12:30	IL-15	Prof. Daisuke Yokoyama (Yamagata University, Japan)	Understanding of the nature of amorphous organic semiconductor films for OLEDs
12:30 - 14:00			Lunch
14:00 - 14:30	IL-16	Prof. Kristiaan Neyts (Ghent University, Belgium)	Quantum dot particles for linearly polarized LCD backlights
14:30 - 15:00	IL-17	Prof. Haizheng Zhong (Beijing Institute of Technology, China)	Efficient Light-Emitting Diodes Based on In-situ Fabricated FAPbBr ₃ Nanocrystals: The Important Role of Ligand-Assisted Reprecipitation Process
15:00 - 15:15	O-4	Dr. Zhitao Kang (Georgia Institute of Technology, USA)	Hybrid Tetrapod Quantum Dot-Phosphor Down-Converters for Solid State Lighting
15:15 - 15:30	O-5	Dr. Sandra Jenatsch (Fluxim AG, Switzerland)	Time-Dependent p-i-n Structure and Emission Zone in Sandwich-Type Light-Emitting Electrochemical Cells
15:30 - 15:45	O-6	Prof. Toru Kyomen (Gunma University, Japan)	Improvement of electroluminescence performance of Ca _{0.6} Sr _{0.4} TiO ₃ :Pr thin film by Al doping
15:45 - 16:00	O-7	Prof. Kenji Toda (Niigata University, Japan)	Low-Temperature Synthesis of Non-Oxide Phosphor Materials using the Water-assisted Solid-State Reaction Method
16:00 - 16:20			Break
16:20 - 18:20			Poster Session

Banquet (19:00-21:30)

13th Sep.

start	end		
9:00 - 9:30	IL-18	Dr. Hong Seok Choi (LG Display Inc., Korea)	Advances in WOLED Technology for OLED TV and Lighting
9:30 - 10:00	IL-19	Prof. Franky So (Northcarolina State University, USA)	Light Extraction in Nano-Structured OLEDs
10:00 - 10:30	IL-20	Prof. Ken-Tsung Wong (National Taiwan University, Taiwan)	High efficiency and high stability of exciplex-based OLEDs
10:30 - 10:45	O-8	Dr. Thomas Baumann (cynora GmbH, Germany)	Highly Efficient Deep Blue TADF Emitter Materials For Next-Generation OLED Displays
10:45 - 11:05			Break
11:05 - 11:35	IL-21	Prof. Kee-Sun Sohn (Sejong University, Korea)	Search for Cuboid Local Structures in the Inorganic Crystal Structure Database (ICSD) and the Ensuing DFT Computation to identify a Red Light-Emitting Phosphor
11:35 - 12:05	IL-22	Dr. Masayoshi Mikami (Mitsubishi Chemical Co., Japan)	Theoretical approach for Eu ²⁺ /Ce ³⁺ -doped LED phosphors
12:05 - 12:20	O-9	Mr. Kiminori Enomoto (KOITO MANUFACTURING CO., LTD., JAPAN)	A novel red-emitting phosphor with a large Stokes shift
12:20 - 13:50			Lunch
13:50 - 14:10	IL-23	Prof. Yoshihiko Kanemitsu (Kyoto University, Japan)	Light emission from nanocrystal quantum dots: materials and devices
14:10 - 14:40	IL-24	Prof. Heesun Yang (Hongik University, Korea)	

14:40 - 15:10	IL-25	Prof. Tae-Woo Lee (Seoul National University, Korea) Electroluminescent devices based on heavy metal-free colloidal quantum dots High efficiency light-emitting diodes based on metal halide perovskite nanoparticles
15:10 - 15:30		Break
15:30 - 16:00	IL-26	Prof. Yizheng Jin (Zhejiang University, China) Towards high-performance, solution-processed light-emitting diodes based on quantum dots
16:00 - 16:30	IL-27	Prof. Shuming Chen (Southern University of Science and Technology, China) Efficient Quantum Dot Light-Emitting Diodes with Tandem Structure
16:30 - 17:15		Late News, Closing