Program

Thursday, December 9 (Day 1)

Time zone table

Live program in Japan time

Time in JST (UTC+9)	Program	Sessi
15:00-	Opening session speech (15min) Chihaya Adachi, Kyushu University	

15:15-	Invited Lecture 1 (25min) Chih-Hsin Chen, Tamkang University "Structural Effect of Phenylcarbazole-based Molecules on the Exciplex-Forming Co-Host System to Achieve Highly Efficient Phosphorescent OLEDs and Low Efficiency Roll-off at High Luminance"	TADF Session 1 （Session Chair: Hironori Kaji)
15:40-	Invited Lecture 2 (25min) Seokwoo Jeon, KAIST "Fluorescence and Phosphorescence of Lowly-Oxidized GQD"	
16:05-	Invited Lecture 3 (25min) Przemyslaw Data, Silesian University of Technology "Inverted S-T gap TADF emitters, known phenomena, new problems"	
16:30-	Invited Lecture 4 (25min) Grégory Pieters, CEA Paris Saclay "Maximizing Chiral Perturbation on Thermally Activated Delayed Fluorescence Emitters"	
16:55-	Invited Lecture 5 (25min) Yoichi Tsuchiya, Kyushu University "Exact rate equations for TADF kinetic analysis"	
17:20-	BREAK TIME(15min)	
17:35-	Invited Lecture 6 (25min) Marc K. Etherington, Northumbria University "Intermolecular interactions in thermally activated delayed fluorescence emitters"	TADF Session 2 （Session Chair: Eli Zysman-Colman)
18:00-	Invited Lecture 7 (25min) Kai Wang, Soochow University "Multiple Resonance TADF Emitters with D-A Typed Structures"	
18:25-	Invited Lecture 8 (25min) Jun Yeob Lee, Sungkyunkwan University "Lifetime extension of the TADF devices by sensitization approach"	
18:50-	Invited Lecture 9 (25min) Takuji Hatakeyama, Kwansei Gakuin University	

	"Recent Progress in Multiple Resonance Effect-Based TADF Materials"	
19:15-	Invited Lecture 10 (25min) Chin-Yiu Chan, Kyushu University "Stable Pure-blue Hyperfluorescence Organic Light-emitting Diodes"	
19:40-	BREAK TIME(15min)	
19:55-	Keynote lecture to commermorate the retirement (60 min) Hiroyoshi Naito, Osaka Prefecture University "Electronic transport in organic semiconductors: brief review of measurement methods"	JSPS core to core Program Special Session
20:55-	Panel Discussion (90min) (5 mins selfintroduction talk and discussion) "Future Organic Electronics"	Session Chair: Chihaya Adachi

Friday, December 10 (Day 2)

Time zone table

Live program in Japan time

Time in JST (UTC+9)	**Program**	**Session**
15:00-	Invited Lecture 11(25min) Zachary M. Hudson, University of British Colombia "Emerging Applications of TADF Materials in Biological Sensing and Imaging"	Advanced CT Technology 1 （Session Chair: Ebinazar Namdas)
15:25-	Invited Lecture 12 (25min) Xiankai Chen, The city University of Hong Kong "A unified description of non-radiative voltage losses in organic solar cells"	
15:50-	Invited Lecture 13 (25min) Kaka Zhang, Shanghai Instiute of Organic Chemistry "TADF-Type Organic Afterglow"	
16:15-	Invited Lecture 14 (25min) Ryota Kabe, OIST	

	"Persistent luminescence from stable charge-separated states"	
16:40-	Invited Lecture 15 (25min) Peter Skabara, University of Glasgow "From phosphorescence to delayed fluorescence in one step: tuning photophysical properties by quaternization of an SP2 nitrogen atom"	
17:05-	Invited Lecture 16 (25min) Yutaka Noguchi, Meiji University "Recent progress in understanding spontaneous orientation polarization in organic light-emitting diodes"	Advanced CT Technology 2 （Session Chair: Shih-Chun Lo)
17:30-	Invited Lecture 17 (25min) Yuya Tanaka, Chiba University "Enhanced stability of electret-based vibrational energy generators utilizing spontaneous orientation polarization of OLED materials"	
17:55-	BREAK TIME(15min)	
18:10-	Short Presentaion #1-#5 **#1** Tomohiro Ryu (Kyushu University) "Correlation between Excited-State Structures and Dual Emission Properties of The Phenothiazine-Triphenyltriazine" **#2** Dovydas Banevičius (Vilnius University) "Substantial TADF OLED performance improvement by simple emitter structure modification" **#3** Kai Chen (Victoria University of Wellington) "Broadband ultrafast fluorescence spectroscopy and its application in optoelectronic materials" **#4** YongXia Ren (Kyoto University) "Achieving very fast reverse intersystem crossing by heavy atom effect" **#5** Subeesh Suresh (University of St Andrews) : A Rarely Utilized Linear Design for Constructing Multiresonant Emitter That Shows Pure Blue Emission with Thermally Activated Delayed Fluorescence"	Short Presentation （Session Chair: Fabrice Mathavet)
18:46-	Short Presentaion #6-#10 **#6** Masaki Saigo (Kyushu University) "Structural Dynamics in TADF Molecules Using Time-Resolved	

	Infrared Spectroscopy" **#7** Abhishek Gupta (University of St Andrews) "Excited state intramolecular proton transfer based thermally activated delayed fluorescence emitters for solution processable OLEDs" **#8** Tomas Serevicius (Vilnius University) "Temporal Dynamics of Solid-State TADF: Disorder or Ultraslow Solvation?" **#9** René Alejandro Hauyon Sepúlveda (Pontificia Universidad Católica de Chile) "Synthesis and characterization of a TADF polymer containing a tetraphenylsilane unit in its main chain" **#10** Sarah McGregor (University of Queensland) "Photophysical Properties Investigation of Solution Processed Platinum(II) Complexes"	
19:22-	Short Presentaion #11-#14 **#11** Tomohiro Ishii (Kyushu University) "Accelerating polariton relaxation efficiency by controlling molecular orientation of liquid crystal" **#12** Nicholle Wallwork (University of Queensland) "Efficient Red Hyperfluorescent OLEDs Based on Solution-Processable Cibalackrot" **#13** Kou Yoshida (University of St Andrews) "Gigabit-per-second visible-light communication with ultrafast organic light-emitting diodes" **#14** Atul Shukla (University of Queensland) "Energy Downshifting of Amplified Spontaneous Emission via Strategic Modification to Excited-State Proton Transfer Mechanism"	
19:50-	BREAK TIME(15min)	
20:05-	Invited Lecture 18 (25min) TungHuei Ke, IMEC "Short-wave Infrared (SWIR) Thin-Film Photodetector Based on Solution-processable Quantum Dots"	Advanced Device Technology （Session Chair: Ken Onda)
20:30-	Invited Lecture 19 (25min) Zhiwei Liu, Peking University "Electroluminescence Study of Rare Earth Complexes"	
20:55-	Invited Lecture 20 (25min) Alexander J.C. Kuehne, Ulm University	

	"Hot Exciplexes – bridging exciplexes for fast and bright TADF emission"	
21:20-	Invited Lecture 21 (25min) Russel Holmes, University of Minnesota "Tuning charge transfer state diffusion in donor-acceptor blends exhibiting thermally activated delayed fluorescence"	
21:45-	Closing Remarks (15min) Ifor D.W. Samuel and Chihaya Adachi	