

## Scientific program of EDLT TOKYO

### 9th of September (Sunday)

- 9:20 Opening
- 9:30 C. Daniel Frisbie, University of Minnesota  
Ionic liquid gating of organic semiconductors
- 10:10 Hidekazu Shimotani, Tohoku University  
EDLT of SWNT: single bundle and thin film
- 10:50 Zhang Yijin, The University of Tokyo  
Ambipolar transport and field effect superconductivity in MoS<sub>2</sub>
- 11:20 Kazuhiro Marumoto, University of Tsukuba  
Microscopic Properties of Electric Double Layer Transistors as Investigated by Electron Spin Resonance
- 12:00 Lunch break
- 13:00 Jana Zaumseil, University Erlangen-Nuremberg  
New Ionic Liquids and Ion gels for Electrolyte-gated ZnO Field-effect Transistors
- 13:40 Tomo Sakanoue, Yamagata University  
Ionic liquid-based polymer light-emitting devices
- 14:20 Shun Wang, University of Minnesota  
Hopping Transport and Hall Effect in Ion Gel Gated Polymer Transistors
- 15:00 Coffee break
- 15:20 Jun Takeya, Osaka University  
Micro-channel air-gap and ionic-liquid-gap organic single-crystal transistors
- 16:00 Masaki Nakano, RIKEN  
Bulk phase transition in EDLT based on VO<sub>2</sub>
- 16:40 Banquet (Yakata-Bune)

### 10th of September (Monday)

- 9:00 Shimpei Ono, CRIEPI  
Electric field control of Magnetism
- 9:40 Takafumi Hatano, RIKEN  
Field effect switching of charge, spin and orbital orders in manganites thin film
- 10:10 Yuichi Kasahara, The University of Tokyo  
Magnetic detection of field-induced superconductivity
- 10:40 Yohei Yomogida, Tohoku University  
High performance and flexible transistors using ion-gel
- 11:10 Taishi Takenobu, Waseda University  
Ion-gel transistors for flexible, stretchable, and high-performance applications
- 11:40 Closing