

**[MoB3] Electronic Properties and Application I**

**Date / Time** July 2 (Mon.), 2018 / 15:55-17:30

**Place** Room B (#106)

**Session Chair** Jin Young Kim (UNIST, Korea)  
Frédéric Laquai (KAUST, Saudi Arabia)

**MoB3-I1 (Invited)** 15:55-16:20

**Synthesis and Applications of Conducting Polymer Nanofibers and Oligomers**

Richard Kaner, Stephanie Aguilar, Wai Mak, Haosen Wang, and Cheng-Wei Lin  
*Univ. of California, USA*

**MoB3-I2 (Invited)** 16:20-16:45

**Electroactive Composite Materials for Supercapacitors**

Milla Suominen, Pia Damlin, and Carita Kvarnstrom  
*Univ. of Turku, Finland*

**MoB3-O3** 16:45-17:00

**Different Synthesis Techniques of PEDOT Nanostructures and Their Performance of Electrochemical Supercapacitors**

Byung Chul Kim<sup>1,2</sup>, Gordon Wallace<sup>2</sup>, and Murugesan Rajesh<sup>3</sup>  
<sup>1</sup>*SunChon Nat'l Univ., Korea*, <sup>2</sup>*Univ. of Wollongong, Australia*, <sup>3</sup>*UNIST, Korea*

**MoB3-O4** 17:00-17:15

**Enhanced Charge Injection Using the Source-Drain Electrodes with Different Work Functions for Hybrid Light Emitting Transistors**

Yu Jung Park<sup>1</sup>, AeRan Song<sup>2</sup>, Kwun-Bum Chung<sup>2</sup>, and Jung Hwa Seo<sup>1</sup>  
<sup>1</sup>*Dong-A Univ., Korea*, <sup>2</sup>*Dongguk Univ., Korea*

**MoB3-O5** 17:15-17:30

**Solution-Processed Perylene Bisimide Films for Promising Thermoelectric Application**

Yuguang Ma  
*South China Univ. of Tech., China*