

[FrD1] Electronic Properties and Application IV

Date / Time	July 6 (Fri.), 2018 / 11:00-12:15
Place	Room D (#109)
Session Chair	Hiroyuki Tajima (Univ. of Hyogo, Japan)

FrD1-01

11:00-11:15

Highly Stretchable PEDOT:PSS/Ionic Liquid Composite films for Wearable Organic Thermoelectric Generators

Seyoung Kee and Derya Baran
KAUST, Saudi Arabia

FrD1-02

11:15-11:30

Investigation of Charge Transport in Conducting Polymers Doped by Solid-State Diffusion and Their Thermoelectric and Electronic Applications

Keehoon Kang¹, Deepak Venkateshvaran², Katharina Broch³, Guillaume Schweicher², Youngrok Kim¹, Cameron Jellet⁴, Christian Nielsen⁵, Iain McCulloch⁴, Takhee Lee¹, and Henning Sirringhaus²
¹Seoul Nat'l Univ., ²Univ. of Cambridge, UK, ³Univ. of Tuebingen, Germany, ⁴Imperial College, UK, ⁵Queen Mary Univ., UK

FrD1-03

11:30-11:45

Production of Novel Rubberised Polyaniline Dodecylbenzenesulfonate [PAni.DBSA] with Enhanced Electrostrictive and Physical Properties

Kok Chong Yong
Malaysian Rubber Board, Malaysia

FrD1-04

11:45-12:00

Organic Free Radical Molecules for Spintronics. The Influence of Linkers and Surfaces

Jaume Veciana^{1,2}
¹ICMAB(CSIC), Spain, ²CIBER-BBN, Spain

FrD1-05

12:00-12:15

Conservation Laws, Radiative Decay Rates, and Excited State Localization in Organometallic Complexes with Strong Spin-Orbit Coupling

Ben Powell
Univ. of Queensland, Australia