International Conference on Science and Technology of Synthetic Metals 2018

[FrF1] OFET IV

Date / Time  
July 6 (Fri.), 2018 / 11:00-12:10

Place  
Room F (#104)

Session Chair  
Kang-Jun Daeg (Pukyung Nat'l Univ., Korea)

FrF1-I1 (Invited)  
11:00-11:25

Flexible and Stretchable FET-Type Sensors based on Organic and Polymeric Materials

Joon Hak Oh  
POSTECH, Korea

FrF1-O2  
11:25-11:40

Orientation and Alkyl Chain Length Dependence of Carrier Transport in Regioregular Poly(3-Alkylthiophenes Fabricated Byribbon Shaped FTM

Atul Shankar Mani Tripathi, Sifumi Sadakata, Shuichi Nagamatsu, Shuzi Hayase, and Shyam S Pandey  
Kyushu Inst. of Tech., Japan

FrF1-O3  
11:40-11:55

Single-Strand Organic Electrochemical Transistor-Based Wearable Health Monitoring Devices

Youngseok Kim1, Chi-Hyeong Kim1, Seong-Min Kim1, Taekyung Lim2, Sanghyun Ju2, and Myung-Han Yoon1  
1GIST, Korea, 2Kyonggi Univ., Korea

FrF1-O4  
11:55-12:10

Evidence for Low Disorder, Narrow-Band Charge Transport in Semicrystalline Polymer Semiconductors

Riccardo Di Pietro1, Joshua Carpenter2, Martin Statz2, Harald Ade3, Henning Sirringhaus3, Dieter Neher4, and Deepak Venkateshvaran1  
1Hitachi Europe Ltd., UK, 2North Carolina State Univ., USA, 3Univ. of Cambridge, UK, 4Univ. of Potsdam, Germany