

[TuD3] Order and Disorder

Date / Time	July 3 (Tue.), 2018 / 15:55-17:05
Place	Room D (#109)
Session Chair	Francis Pratt (STFC Rutherford Appleton Lab., UK)

TuD3-I1 (Invited)

15:55-16:20

Evidence for Electronically-Driven Ferroelectricity in the Dimerized Molecular Conductor κ -(BEDT-TTF)₂Hg(SCN)₂Cl

Michael Lang¹, Elena Gati¹, Jonas K. H. Fischer², Peter Lunkenheimer², Hans-Albrecht Krug von Nidda², Steve M. Winter¹, Harald Schubert¹, John A. Schlueter³, Harald O. Jeschke⁴, and Roser Valenti¹

¹Goethe Univ. Frankfurt, Germany, ²Univ. of Augsburg, Germany, ³Nat'l Science Foundation, USA, ⁴Okayama Univ., Japan

TuD3-O2

16:20-16:35

Critical Exponents in The Vicinity of The Metal-Insulator Transition in Quasi-One-Dimensional Organic Conductors, ((S,S)-DM-MeDH-TTP)₂AsF₆

Dong Hyun Jang¹, Yeahan Sur¹, Keizo Murata¹, Sho Miyamoto², Hiroyuki Nishikawa², and Kee Hoon Kim¹

¹Seoul Nat'l Univ., Korea, ²Ibaraki Univ., Japan

TuD3-O3

16:35-16:50

Quantum Disordered State of Magnetic and Electric Dipoles in Hydrogen-Bonded Organic Mott Insulator κ -H₃(Cat-EDT-TTF)₂

Masaaki Shimozawa

The Univ. of Tokyo, Japan

TuD3-O4

16:50-17:05

Poly(3-Hexylthiophene) Andits Grafts: Spectroelectrochemical and Conductometric Investigation of A Novelclass of Copolymers

Mieczyslaw Lapkowski, Karolina Gebka, Kinga Kepska, Agnieszka Stolarczyk, and Tomasz Jarosz
Silesian Univ. of Tech., Poland