

Friday, August 26, 2016

9:00 – 12:10	Section IX Tera-Hz	Chair: S. Ravy
9:00 – 10:20	Intense pulsed terahertz sources and their novel applications <i>J. A. Fülöp, MTA-PTE, ELI-ALPS, Hungary</i>	
10:20 – 10:40	Coffee	
10:40 – 11:05	Ultrafast spectroscopy of Higgs modes in superconductors <i>R. Shimano, University of Tokto, Japan</i>	
11:05 – 11:30	Coherent control of the spin systems by terahertz magnetic field <i>T. Suemoto, Toyota Physical and Chemical Research Institute, Japan</i>	
11:30 – 11:50	Terahertz-field-induced Mott transition in an ET-based organic molecular compound <i>T. Miyamoto, University of Tokyo, Japan</i>	
11:50 – 12:10	Terahertz-field induced large polarization and domain wall dynamics in an electronic-type dielectric of an organic molecular compound <i>T. Morimoto, University of Tokyo, Japan</i>	
12:15 – 14:30	Lunch	
14:30 – 15:45	Section X Transient X-ray, ARPES	Chair: K. Behnia
14:30 – 15:00	Cooperative elastic switching in volume-changing magnetic materials triggered by femtosecond molecular photoswitching. <i>E. Collet, Université de Rennes I, CNRS, France</i>	
15:00 – 15:20	Mapping the changes in lattice potential during the photoinduced insulator-metal transition in VO ₂ <i>S. Wall, The Barcelona Institute of Science, Spain</i>	
15:20 – 15:45	Electron and lattice dynamics in transition metal dichalcogenides <i>R. Bertoni, MPG, Germany</i>	
15:45 – 16:05	Coffee	
16:05 – 17:35	Section XI Topological insulators	Chair: K. Yomemitsu
16:05 – 16:35	Ultrafast study of Dirac fermions in topological insulators <i>M. Marsi, CNRS, Université Paris-Sud, France</i>	
16:35 – 17:05	Topological insulators go elemental <i>R. Claessen, Universität Würzburg, Germany</i>	
17:05 – 17:35	Observation of Majorana fermions in the vortex of Bi ₂ Te ₃ /NbSe ₂ topological insulator-superconductor heterostructure <i>J. Jia, Shanghai Jiao Tong University, China</i>	