

Thursday, September 1, 2016

Section XX		
9:00 – 11:40	Resistance switching	Chair: H. Yamamoto
9:00 – 10:20	Ferroelectric field effects in strongly correlated oxides <i>J. Villegas, CNRS, Thales, Université Paris-Sud, France</i>	
10:20 – 10:50	Coffee	
10:50 – 11:15	Out-of-equilibrium insulator to metal transitions induced by electric field in canonical Mott insulators <i>E. Janod, Université de Nantes, CNRS, France</i>	
11:15 – 11:40	Nanoscale control of phase transitions as a pathway to precise material manipulation <i>P. Maksymovych, Oak Ridge National Laboratory, USA</i>	
12:15 – 14:30	Lunch	
Section XXI		
14:30 – 15:50	Semiconductors	Chair: S. Ishihara
14:30 – 15:00	Electrostatic doping in semiconductor devices <i>J. Knoch, Aachen University, Germany</i>	
15:00 – 15:30	Ultrafast protection of charge carriers in hybrid perovskites <i>X. Zhu, Columbia University, USA</i>	
15:30 – 15:50	On the stability of the water surface in an external electric field <i>V. Shikin, ISSP, Russia</i>	
15:50 – 16:15	Coffee	
Section XXII		
16:15 – 17:10	Superconductivity	Chair: M. Bauer
16:15 – 16:45	The magnetic field tuned superconductor to insulator transition <i>A. Kapitulnik, Stanford University, USA</i>	
16:45 – 17:10	Onset of two-dimensional superconductivity in space charge doped few-layer MoS ₂ <i>A. Shukla, UPMC, CNRS, France</i>	
17:30	Wine and cheese tasting	