

Wednesday, August 24, 2016

9:00 – 12:10	Section IV	Electrostatic doping	Chair: S. Stemmer
9:00 – 10:20		Electric field control of 2D materials <i>Y. Iwasa, University of Tokyo, Japan</i>	
10:20 – 10:40		Coffee	
10:40 – 11:15		Ising superconductivity in transition metal dichalcogenides <i>J.T. Ye, University of Groningen, The Netherlands</i>	
11:15 – 11:40		Photo-recovered surface potential in BiFeO ₃ and oxygen vacancy induced metal-insulator transition in manganite films <i>K. Jin, Chinese Academy of Sciences, China</i>	
11:40 – 12:10		Negative charge-compressibility of SrTiO ₃ FET. <i>I.H. Inoue, AIST, Japan</i>	
12:15 – 14:30		Lunch	
14:30 – 16:15	Section V	Spins and magnetism	Chair: R. Claessen
14:30 – 15:05		Electric-field control of magnetic and electronic properties of ferroelectric based heterostructures <i>Y.G. Zhao, Tsinghua University, China</i>	
15:05 – 15:35		Superconductivity and quantum phase transitions at oxide interfaces <i>J. Lesueur, CNRS, UPMC, France</i>	
15:35 – 15:55		Nonequilibrium control of quantum materials: From topology, spintronics to dissipationless heterodyne <i>T. Oka, Max-Planck Institute, Germany</i>	
15:55 – 16:15		Specificities of RMn ₂ O ₅ in multiferroics materials <i>V. Balédent, CNRS, Université Paris-Sud, France</i>	
16:15 – 16:35		Coffee	
16:35 – 18:00	Posters session I		
18:30		Musical journey from the 17th to the 21st century Karine Lethiec, viola and Christophe Giovanninetti, violin	