Mini-workshop on oxides and related materials

February 24-25, 2016 @ TOKYO ELECTRON House of Creativity, 3F, Katahira Campus
Sit back, relax, and enjoy discussions!

Feb. 24th (Wednesday)
14:00-15:00  C. B. Eom  (Univ. Wisconsin, Madison)
Oxide nanoelectronics
15:00-15:30  S. Maruyama  (Dept. Applied Chemistry)
Vacuum deposition of nanoscale ionic liquid thin films:
  fundamental processes and device applications
(break)
16:00-16:30  H. Naganuma  (Dept. Applied Physics/CNRS,Thales)
Interfacial effect in multiferroic tunnel junctions using BiFeO₃
16:30-17:00  T. Niizeki  (AIMR)
Metal oxides for spintronics
17:00-17:30  D. Oka  (Dept. Chemistry)
Strain and chemical engineering of electrical properties
  in perovskite oxynitride epitaxial thin films
18:30-  dinner party

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Feb. 25th (Thursday)
9:00 - 9:30  T. Nojima  (IMR)
Effect of spin-orbit coupling induced by electric field
  in liquid-gated surfaces of SrTiO₃ & MoS₂
9:30 -10:00  K. Nakayama  (Dept. Physics)
High-\(T_c\) superconductivity in potassium-coated FeSe thin films
10:00-10:30  K. Fujiwara  (IMR)
High field-effect mobility at the (Sr,Ba)SnO₃/BaSnO₃ interface
(break)
11:00-11:30  N. Kuwata  (IMRAM)
Diffusion coefficients in thin-film lithium battery materials
  measured by secondary ion mass spectrometry
11:30-12:00  T. Katase  (Hokkaido Univ.)
Electrochemically switchable electromagnetic device with water electrolysis
12:00-12:30  H. Kawasoko  (AIMR)
Ionic conduction across the electrolyte/electrode interface of
  \(\text{Li(Ni}_{0.5}\text{Mn}_{1.5})\text{O}_4\) solid-state lithium batteries
15 min walk from the Sendai Station

Contact persons

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