Joint Workshop of WFF&WFSM Program

Saturday, 3 March 2018	
	14:00～16:30
14:00	Masaki TAKESADA (Hokkaido University)
	Opening
14:00	Shinji MIGITA (AIST)
	Formation of Ferroelectric HfO_2 Thin Films Using Ion Implantation Technique *イオン注入法によりHfO_2系強誘電体薄膜の形成*
14:30	Hiroki MORIWAKE (JFCC, NIMS)
	Electroceramic materials research by collaboration between atomic level structure analysis and theoretical calculations *第一原理計算と高精度実験の連携によるセラミックス電子材料研究*
15:00	Shota NUNOMURA (AIST)
	Towards high-efficiency silicon hetero-junction solar cells ~ plasma processing for high-quality passivation~ *シリコンヘテロ接合太陽電池の高効率化 ～プラズマプロセスを用いた高性能パッシベーション～*
15:30	Jutapol Jumpatam (Khon Kaen University)
	Dielectric Properties and Electrical Response in $CaCu_3Ti_4O_{12}$ and $ACu_3Ti_4O_{12}$ -related structure ceramics
16:00	Wattana TUICHAI and Prasit THONGBAI (Khon Kaen University)
	Giant dielectric properties with excellent temperature stability of $(Ga_{0.5}Nb_{0.5})_xTi_{1-x}O_2$ ceramics
16:15	Krissana PROMPA and Ekaphan SWATSITANG (Khon Kaen University)
	Very low loss tangent and giant dielectric properties of $CaCu_3Ti_4O_{12}$ ceramics prepared by the sol–gel process

Sunday, 6 March 2018

9:00～17:00

9:00	Yukio NODA (Tohoku University)
	Magnetic space group and ferroelectricity in multiferroic compound *マルチフェロイック物質での磁気空間群と強誘電性*
10:30	Mitsuru ITOH (Tokyo Institute of Technology)
	Cation Substitution Effect in Ferroelectric k-Al_2O_3-type Oxides *強誘電体k-Al_2O_3- 型酸化物のカチオン置換効果*

Lunch

13:00～17:00	Panel discussion

Monday, 5 March 2018

9:00～12:00

9:00	Yukio SATO (Kyusyu University)
	Electrical biasing In-situ electron microscopy study on dielectrics *電圧印加その場電子顕微鏡法による誘電体研究*
9:30	Akitoshi KOREEDA (Ritsumeikan University)
	Fano-Interference Effect in Light-Scattering Spectra *光散乱スペクトルにおけるFano 干渉*
10:00	Masaki TAKESADA (Hokkaido University)
	Dynamical structure of nanocrystals in ferroelectric $PbTiO_3$ nanocrystals *ペロブスカイト型酸化物$PbTiO_3$ ナノ粒子の動的構造*
10:30	Hiroshi TAKASHIMA (AIST)
	Near-infrared luminescence in perovskite $BaSnO_3$ epitaxial films *$BaSnO_3$ エピタキシャル薄膜の近赤外発光*
11:00	discussion
11:50	Masaki TAKESADA (Hokkaido University)
	Ending