

Friday, September 8th, 2017				
09:00 - 09:50	Plenary 05 - 237. Coupled multiple order parameters and their domain switching in magnetoelectrics - Kimura, Tsuyos			
09:50 - 10:20	COFFEE BREAK			
	Room 1	Room 2	Room 3	Room 4
	Theory IV	Dielectrics IV	Novel Materials	Ferroics/Multiferroics IV
KEYNOTE 10:20 - 10:50	442. (INVITED) NSMM Versus Goldschmidt's Factor Formalism a Scorecard - Tidrow, Steven	48. (INVITED) The macro- and nanoscale phenomena in BaTiO ₃ single crystal - Roleder, Krystian	408. (INVITED) Developing novel multiferroic materials - Dalal, Naresh	118. (INVITED) The structure and phase transitions of Na _{1/2} Bi _{1/2} TiO ₃ – ATiO ₃ solid solutions - Sternberg, Andris
INVITED 10:50 - 11:10	245. (INVITED) Possibility of ferroelectricity in wurtzite-structured zinc oxide thin films - Moriwake, Hiroki	180. (INVITED) Remarkable ferroelectric properties in ultrafine BaTiO ₃ nanocrystals - Wang, Xiaohui	413. (INVITED) Inducing ferroelectricity into the M ₃ CuCl ₃ (M = Ti ⁺ , K ⁺) family of quantum antiferromagnets - Kinyon, Jared	135. (INVITED) Atomic control of ferroelectricity in oxide thin films and heterostructures - Noh, Tae Won
INVITED 11:10 - 11:30	221. (INVITED) Ferroelectricity in κ - Al ₂ O ₃ -type (A, Fe) ₂ O ₃ (A = Al, Ga, Fe, Rh, In, Sc, and In) multiferroic oxides - Itoh, Mitsuru	417. (INVITED) Influences of nanogold addition on microchemical composition, domain structure and electrical properties of perovskite BaTiO ₃ -based ceramics - Ananta, Supon	382. (INVITED) Phonon mode links ferroicities in multiferroic [(CH ₃) ₂ NH ₂]Mn(HCOO) ₃ - Musfeldt, Jan	12. (INVITED) Modulation of Magnetoelectric Coupling in BiFeO ₃ Mutiferroic Ceramics - Chen, Xiang M.
11:30 - 11:45	123. Critical scattering and incommensurate phase transition in antiferroelectric PbZrO ₃ under pressure - Burkovsky, Roman	105. Evolution of surface charge through the ferroelectric- paraelectric phase transition in BaTiO ₃ (001) - Mathieu, Claire	400. Nanoscale tailoring of oxygen vacancy distribution by mechanically loaded scanning probe - Wang, Bo	31. Multiferroicity in Haldane spin- chain compound Sm ₂ BaNiO ₅ - Upadhyay, Sanjay K.
11:45 - 12:00	280. Lattice dynamics and dielectric relaxation in PbMg _{1/3} Nb _{2/3} O ₃ relaxor from atomistic simulations - Bokov, Alexei	238. Phase Transition Behavior and Defect Chemistry of the BaTi _{0.94} Sn _{0.06} O ₃ Ceramic investigated via In-situ extended X- ray absorption fine structure (EXAFS) technique - Sukkha, Usa	157. Electronic Structure of Lead-Free Organic-Inorganic Hybrid CH ₃ NH ₃ X ₁₃ Perovskite Materials - Padchasri, Jintara	41. Spin excitations in the Z-type hexaferrites (Ba _x Sr _(1-x)) ₃ Co ₂ Fe ₂₄ O ₄₁ - Kadlec, Filip
12:00 - 12:15	416. Second order phase transitions in uniaxial ferroelectrics - Lashley, Jason	393. Mechanism of ferroelectric aging in donor&acceptor doped BaTiO ₃ ceramics - Zhou, Chao	197. Coplanar waveguide resonator using PZT thin film - Gupta, Reema	7. Poly methyl methacrylate/ magnetite nano-composites - Salwa, Abe El-Messieh
12:15 - 12:30	428. Structure, bandgap modulation, and magnetic switching in Fe ₂ O ₃ -doped ferroelectric ceramics – Li, Jun	43. Rare-earth modified BaTiO ₃ ferroelectric ceramics – Abnormal PTCR response - de los Santos Guerra, José	274. Novel Approach to Mitigate the Trade-Offs Between Fast Programming and Long Retention Times in Polymer Ferroelectric Memory - Georgiou, Vasileia	3. Synthesis and properties of BiFeO ₃ -based nanopowders - Santos, Ivair