

Wednesday, September 6th, 2017				
08:10 – 9:00	<b>MEMORIAL SESSION</b> Covered by Drs. Ruyan Guo, Jiri Hlinka and Manfred Fiebig			
09:00 - 09:50	<b>Plenary 02 - 244.</b> Large coupling ferroelectricity through polarization rotation - <b>Cohen, Ronald E.</b>			
09:50 - 10:20	<b>COFFEE BREAK</b>			
	Room 1	Room 2	Room 3	Room 4
	Theory II	Dielectrics II	Relaxors II	Ferroics/Multiferroics II
<b>KEYNOTE</b> 10:20 - 10:50	<b>241.</b> (INVITED) Polarization twist in perovskite ferroelectrics: A study on (Bi,Na)TiO <sub>3</sub> -BaTiO <sub>3</sub> single crystals - <b>Noguchi, Yuji</b>	<b>176.</b> (INVITED) The bulk photovoltaic effect in the crystals without symmetry center and its application to the solar energy - <b>Fridkin, Vladimir</b>	<b>67.</b> (INVITED) On the relationship between materials properties and short-range order in highly piezoelectric lead-based relaxors - <b>Gehring, Peter</b>	<b>51.</b> (INVITED) EuTiO <sub>3</sub> : a possible multiferroic with unusual magneto-optical properties and applications - <b>Bussmann-Holder, Annette</b>
<b>INVITED</b> 10:50 - 11:15	<b>285.</b> (INVITED) Role of random electric fields in lead-free relaxor ferroelectrics - <b>Ye, Zuo-Guang</b>	<b>390.</b> (INVITED) Thermodynamic stability of polar vortices in ferroelectric superlattices - <b>Chen, Long-Qing</b>	<b>183.</b> (INVITED) Manipulation of electric field effect by orbital switching - <b>Pan, Feng</b>	<b>36.</b> (INVITED) Strain-induced polar-to-nonpolar transitions in layered perovskites - <b>Rondinelli, James</b>
11:15 - 11:30	<b>364.</b> Spin-phonon couplings and lattice instabilities in complex oxides - <b>Hong, Jiawang</b>	<b>130.</b> Dynamics of acoustic phonons in niobium doped PbZrO <sub>3</sub> single crystals - <b>Kajewski, Dariusz</b>	<b>277.</b> Sintering and characterization of dielectric and thermal mechanical properties of (Bi <sub>1/2</sub> Na <sub>1/2</sub> )TiO <sub>3</sub> -BaTiO <sub>3</sub> ceramics - <b>Lente, Manuel H.</b>	<b>106.</b> Structural characterization of ferroic materials by advanced spectroscopy techniques - <b>Yimnirun, Rattikorn</b>
11:30 - 11:45	<b>391.</b> Elastic and Optical Properties of Ruddlesden-Popper perovskites - ab initio calculation - <b>Mamedov, Amirullah</b>	<b>215.</b> Porous ferroelectric ceramic with novel aligned pore structures for energy harvesting - <b>Zhang, Yan</b>	<b>11.</b> Super tetragonal ferroelectric phase of BiFeO <sub>3</sub> -PbTiO <sub>3</sub> : A cause for several novel phenomena - <b>Ranjan, Rajeev</b>	<b>121.</b> Magnetoelectric properties of cement and mortar- <b>Andrzejewski, Bartlomiej</b>
11:45 - 12:00	<b>73.</b> Peculiarities of antiferroelectric phase transitions in PbZr <sub>0.71</sub> Sn <sub>0.29</sub> O <sub>3</sub> crystal by Mössbauer effect. - <b>Jankowska-Sumara, Irena</b>	<b>243.</b> The influence of defect type and configuration on the electrical properties of PZT based ceramics - <b>Zeng, Jiangtao</b>	<b>321.</b> Observation of multiple phases and incommensurate transitions in bismuth and lead oxide based complex perovskites leading to high temperature relaxor behavior - <b>Dwivedi, Akansha</b>	<b>381.</b> Tunable magnetic pole inversion in multiferroic BiFeO <sub>3</sub> -DyFeO <sub>3</sub> solid solution - <b>Wu, Jiangtao</b>
12:00 - 12:15	<b>370.</b> Controlling Jahn-Teller Distortions through Hybrid-Improper Ferroelectricity in Rare-Earth Manganite Perovskites - <b>Schmitt, Michael M.</b>	<b>306.</b> In situ dielectric spectroscopy and Brillouin scattering study of lithium niobate. - <b>Piecha, Julita</b>	<b>170.</b> Lattice dynamics of Na <sub>1/2</sub> Bi <sub>1/2</sub> TiO <sub>3</sub> as studied by dielectric spectroscopy and Brillouin light scattering - <b>Lushnikov Sergey</b>	<b>194.</b> Development of an optical magnetic field sensor based on Ce and Mn doped BiFeO <sub>3</sub> thin films using SPR technique - <b>Sharma, Anjali</b>
12:15 - 12:35	<b>235.</b> (INVITED) Phonon Dynamics and Phase Transformations in Bismuth Titanate - <b>Nayak, Sanjeev</b>	<b>39.</b> (INVITED) Electromechanical Behavior of Strontium-Modified Lead Zirconate Titanate Ceramics - <b>Singh, Raj</b>	<b>111.</b> (INVITED) Probing short-range order in PZN-xPT and PMN-xPT relaxor ferroelectrics with neutron scattering - <b>Xu, Guangyong</b>	<b>331.</b> (INVITED) Magnetoelectric and magnetostriction properties in multiferroic composites: A phenomenological approach - <b>de Oliveira, Adilson J. A.</b>