

**The Fourteenth International Meeting on Ferroelectricity (IMF2017)**  
**Monday, September 4<sup>th</sup> to Friday September 8<sup>th</sup>, 2017**  
**at the Grand Hyatt San Antonio,**  
**San Antonio, Texas, USA**

**Tuesday, September 5<sup>th</sup>, 2017**

08:30 - 09:00	<b>OPENING SESSION</b>			
09:00 - 09:50	<b>Plenary 01 - 185.</b> Systems with defects of "random local field" or "random local anisotropy" types: validity of the Imry-Ma theorem - <b>Sigov, Alexander</b>			
09:50 - 10:20	<b>COFFEE BREAK</b>			
	ORAL SESSION – ROOM 1	ORAL SESSION – ROOM 2	ORAL SESSION – ROOM 3	ORAL SESSION – ROOM 4
	<b>Theory I</b>	<b>Dielectrics I</b>	<b>Relaxors I</b>	<b>Ferroics/Multiferroics I</b>
<b>KEYNOTE</b> 10:20 - 10:50	<b>187.</b> (INVITED) Non-linearity of ferroelectric oxides and possible applications in neuromorphic computing? - <b>Demkov, Alex</b>	<b>94:</b> (INVITED) Photovoltaic properties of some lead free (KNN) and lead-based (PFN) multiferroics - <b>Eiras, José A.</b>	<b>21.</b> (INVITED) Ferroic superglasses: Relaxor ferroelectric PMN versus CoFe superspin glass - <b>Kleemann, Wolfgang</b>	<b>177.</b> (INVITED) Ferroionic states: coupling surface electrochemistry with bulk ferroelectricity- <b>Kalinin, Sergei</b>
<b>INVITED</b> 10:50 - 11:15	<b>231.</b> (INVITED) First-principles based Landau-Devonshire potential for BiFeO <sub>3</sub> - <b>Marton, Pavel</b>	<b>256.</b> (INVITED) Role of Li for BaTiO <sub>3</sub> -based lead-free piezoelectric ceramics - <b>Li, Guorong</b>	<b>379.</b> (INVITED) Multiple length scales in relaxor ferroelectrics - <b>Ohwada, Kenji</b>	<b>69.</b> (INVITED) Spin-lattice coupling in the potential multiferroic SmFeO <sub>3</sub> - <b>Kreisel, Jens</b>
11:15 - 11:30	<b>58.</b> First-principles study of (Ba,Ca)(Ti,Zr)O <sub>3</sub> solid solutions - <b>Amoroso, Danila</b>	<b>104.</b> Structure, dielectric and ferroelectric properties of NBT- and KNN- based perovskite ceramics - <b>Politova, Ekaterina</b>	<b>8.</b> The Polar Nano Regions-to-Relaxor Transition in PMN and PSN, Pb <sub>1-x</sub> Sc <sub>1/2</sub> Nb <sub>1/2</sub> O <sub>3-x</sub> ; x = bulk concentration of nearest neighbor [Pb- O] divacancies - <b>Burton, Benjamin</b>	<b>154.</b> Lattice dynamics, dielectric properties and phase transitions of Ag <sub>1-x</sub> Li <sub>x</sub> NbO <sub>3</sub> ceramics - <b>Kania, Antoni</b>
11:30 - 11:45	<b>88.</b> Fluctuations and topological defects in proper ferroelectrics - <b>Prokhorenko, Sergei</b>	<b>116.</b> In search for artificial MPBs: dielectric spectroscopy of BaTiO <sub>3</sub> – KNbO <sub>3</sub> composites - <b>Ivanov, Maksim</b>	<b>406.</b> Observation of positive and negative magnetodielectric effects in relaxor PbCo <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> Ceramic - <b>Pandey, Adityanarayan H.</b>	<b>388.</b> Large remnant polarization and enhanced magnetic properties in non-quenched Bi(Fe,Ga)O <sub>3</sub> -(Ba,Ca)(Zr,Ti)O <sub>3</sub> multiferroic ceramics - <b>Liang, Ruihong</b>
11:45 - 12:00	<b>113.</b> Modelling the photostriction of ferroelectric materials from first-principles - <b>Paillard, Charles</b>	<b>207.</b> Tuning optical responses with strain in multiferroelectrics and ferroelectrics - <b>Yang, Yurong</b>	<b>62.</b> BaZr <sub>0.5</sub> Ti <sub>0.5</sub> O <sub>3</sub> : lead-free relaxor ferroelectric or dipolar glass - <b>Kutnjak, Zdravko</b>	<b>366.</b> Structure-Property Relationships in Multiferroic Compounds - <b>Cotica, Luiz F.</b>
12:00 - 12:15	<b>151.</b> First-principle prediction of novel multiferroic phases in epitaxial (111) BiFeO <sub>3</sub> films - <b>Xu, Changsong</b>	<b>385.</b> Understanding the Reason for Large Dielectric Response in Pb-free (1-x)BaZr <sub>0.2</sub> Ti <sub>0.8</sub> O <sub>3</sub> -(x)Ba <sub>0.7</sub> Ca <sub>0.3</sub> TiO <sub>3</sub> Ferroelectric Ceramics - <b>Gao, Jinghui</b>	<b>68.</b> Permittivity of relaxor BNT (0.925)BT(0.075)x%Mn ceramics found from impedance spectroscopy - <b>Schmidt, V. Hugo</b>	<b>337.</b> Neutron diffraction studies of multiferroic BiCoO <sub>3</sub> - <b>Taddei, Keith</b>
12:15 - 12:30	<b>338.</b> Zone-boundary phonon instabilities investigated with neutron scattering combined with nharmonic first-principles simulations - <b>Delaire, Olivier</b>	<b>430.</b> (INVITED) Exploring BiFeO <sub>3</sub> -based solid solutions and heterolayers for multifunctional applications - <b>Wang, John/Chung, JingYang</b>	<b>10.</b> Improving the optical properties of poly(vinylidene fluoride) (PVDF) films by doping with Nd <sup>3+</sup> compound: Synthesis and characterization – <b>Falcão, Evaristo A.</b>	<b>397.</b> On the microstructure in the charge-glass state of Pb <sub>1-x</sub> Sr <sub>x</sub> CrO <sub>3</sub> - <b>Mori, Shigeo</b>