

12:30 - 13:50	LUNCH			
	Room 1	Room 2	Room 3	Room 4
	Domains II	Design and Simulation II	Growth Materials II	Electrocalorics II
KEYNOTE 13:50 -14:20	178. (INVITED) Insight into structure, properties, and mobility of ferroelectric domain walls - Setter, Nava	74. (INVITED) Atomistic simulations of relaxor ferroelectrics - Bellaiche, Laurent	20. (INVITED) Loss of elastic stability and formation of inhomogeneous states at phase transitions in thin films on substrates - Levanyuk, Arkady	179. (INVITED) Inverse barocaloric effects in ferroelectrics - Moya, Xavier
INVITED 14:20 -14:45	402. (INVITED) Domain walls of ferroelastic oxides as memristive devices - Noheda, Beatriz	369. (INVITED) Clausius – Mossotti relation fractal modification - Mitic, Vojislav	218. (INVITED) Composition and crystallization control in lead-free ceramic and polymer ferroelectrics derived from non-crystalline precursors - Yao, Kui	263. (INVITED) Strontium titanate based double perovskites: A new paradigm for high temperature thermoelectrics - Maiti, Tanmoy
14:45 - 15:00	387. Electrostrain enhancement at an “invisible boundary” in a single ferroelectric phase - Zhao, Luo	405. Atomic-level understanding of the structure-property connections in perovskite-based ferroelectric systems - Datta, Kaustuv	223. Lithium niobate thin films of stoichiometric composition doped with Ho ³⁺ ions - Kokanyan, Edvard	161. Abnormal electrocaloric effect in the presence of defect dipoles - Ma, Yangbin
15:00 -15:15	182. Large electrostrains in ferroelectric crystals/ceramics via reversible domain switching - Li, Faxin	29. Investigation of the Response of Nanoscale Ferroelectric Material through Molecular Dynamics Simulation - Li, Meng	249. X-ray spectroscopic evidence for the coexistence of ferroelectric and antiferrodistortive orders in SrTiO ₃ thin films - Lu, Cong	167. (INVITED) Skyrmion dynamics in multiferroics in the presence of a temperature gradient - Lin, Shizeng
15:15 - 15:30	226. Polar nature at the domain boundary - Yokota, Hiroko	18. Impact of thermal vibrations on polarization reversal: a Monte-Carlo model- Kliem, Herbert	296. Effects of The Deposition Temperature of Nd-doped Bi ₄ Ti ₃ O ₁₂ Thin Films Prepared by Pulsed Laser Deposition. - Kim, Eun Young	419. Flexocaloric and Multicaloric Effects in Ferroic Materials - Saxena, Avadh
15:30 - 15:45	255. Crystal Structure and Skin Effect in (1-x)BiFeO ₃ -(x)PbTiO ₃ Single Crystals Zhuang, Jian	269. Strain and switching behavior in doped BZCT system - Liu, Zhen	110. Formation of epitaxial ferroelectric thin films on graphene: mechanism and properties - Petrov, Peter	324. Electrocaloric effect in aging ferroelectric samples - Xu, Baixiang Empty
15:45 - 16:00	272. Molecular Dynamics Simulations of Polarization Switching at Ferroelectric Domain Walls - Zeng, Xiaowei	270. Artificial synapses with ferroelectric tunnel junctions – Garcia, Vincent	362. Growth and characterization of PLD grown large area PbZr _x Ti _{1-x} O ₃ thin films - Rath, Martando	407. Direct measurements of electrocaloric PbSc _{0.5} Ta _{0.5} O ₃ ceramics – Avramenko, Alex
16:00 - 16:20	99. (INVITED) Natural Domains of BaTiO ₃ in Ultrahigh Vacuum, Air and Acid: Properties & Invariant Domain-Size Proving Intrinsic Screening - Watanabe, Yukio	156. (INVITED) Room-temperature relaxor ferroelectricity and photovoltaic effects in SnTiOx/Si thin film heterostructures - Hong, Seungbum	357. (INVITED) Structure and dielectric analysis of hybrid copolymers of PVDF/Metal-Organic frameworks composite film - Manuspiya Hathaikarn	120. (INVITED) Enhancement of Bulk Photovoltaic Effect in BiFeO ₃ Thin Films by Mn Doping - Nakashima, Seiji