

(12) FERROICS

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DETAILED PROGRAMME**Monday : 12-12-2016****Session I : 10.15.11.45**

10.15-10.45 Invited (1)	Saswata Bhattacharya	ABS-Email-ICYRAM Phase-field modeling of domain dynamics in ferroelectric systems
10.45-11.00 Oral (1)	<u>Ompal Singh</u> Ashish Agarwal Sujata Sanghi, Jogender Singh	ABS-36-ICYRAM Crystal structure and magnetic properties of Ba and Nd co-doped BiFeO ₃ at morphotropic phase boundaries
11.00-11.15 Oral (2)	<u>Kumaraswamy Miriyala</u> R. Ranjith	ABS-119-ICYRAM Microstructure influence on Piezo and Ferroelectric properties of Na _{0.5} Bi _{0.5} TiO ₃ Thin Films: A Macroscopic and Nano scale study
11.15-11.30 Oral (3)	<u>Brajesh Tiwari</u> Ambesh Dixit M. S. Ramachandra Rao	ABS-201-ICYRAM Dielectric and Ferroelectric Properties of Non-collinear Antiferromagnetic LaCrO ₃
11.30-11.45 Oral (4)	<u>Ajay Dangi</u> Antony Jeyaslen Soma Dutta Sudhanshu Tiwari Rudra Pratap	ABS-558-ICYRAM Sol gel deposition and characterization of PZT thin films for fabrication of piezo-MEMS devices

Monday : 12-12-2016**Session I : 12.00.13.00**

12.00-12.30 Invited Talk (2)	D. Choudhury	ABS-Email-ICYRAM Magnetic and Magnetodielectric Properties of Frustrated Magnetic Oxides
12.30-12.45 Oral (5)	<u>Ajeet Kumar</u> V.V. Bhanu Prasad K. C. James Raju A. R. James	ABS-582-ICYRAM Structural, dielectric and ferroelectric properties of Pulsed Laser Deposited PLZT 8/60/40 thin films
12.45-13.00 Oral (6)	<u>B. K. Pandey</u> S. B. Krupanidhi	ABS-687-ICYRAM Electrical and Optical Properties of BaTiO ₃ /ZnO Heterostructures

Poster Session :**Monday : 12-12-2016 : Time : 14.15-17.15**

12-Poster-01	K. Kaswan, A. Agarwal, S. Sanghi, S. Jangra, M. Rangi	ABS-67-ICYRAM Enhancement of Magnetization in Bi _{0.8} La _{0.2} FeO ₃ (BLFO) Modified Na _{0.5} Bi _{0.5} TiO ₃ (NBT) Leaf Free Ceramic
12-Poster-02	Tanushree Sarkar Suja Elizabeth P. S. Anilkumar	ABS-427-ICYRAM Investigation of multiferroicity in LuMn _{0.5} Fe _{0.5} O ₃
12-Poster-03	J Krishna Murthy P S Anil Kumar	ABS-432-ICYRAM Observation of positive-spontaneous and negative-conventional exchange bias effects in epitaxial Eu _{0.45} Sr _{0.55} MnO ₃ /La _{0.7} Sr _{0.3} MnO ₃ hetrostructures
12-Poster-04	Surendra Singh Jyotsana Negi N. S. Panwar	ABS-449-ICYRAM Dielectric properties of Na _{1-x} K _x NbO ₃ , in the morphotropic phase region, $0.460 \leq x \leq 0.50$
12-Poster-05	Pittala Suresh K. Vijaya Laxmi P. S. Anil Kumar	ABS-467-ICYRAM Study of structure and magnetic properties of Ni doped LuFeO ₃ nanoparticles
12-Poster-06	K. Shalini, Radhalayam Dhanalakshmi, Padma Priya N.V.Giridharan	ABS-468-ICYRAM Investigations on the synthesis and properties of (K _{0.5} Na _{0.5})Nb _{1-x} Fe _x O ₃ ceramics
12-Poster-07	S. K. Patri P. L. Deepti	ABS-538-ICYRAM Characterization of multifunctional nanoceramics
12-Poster-08	Jyotsana Negi Surendra Singh N. S. Panwar	ABS-593-ICYRAM Dielectric properties of Na _{1-x} K _x NbO ₃ , with $x = 0.32$