

### **(13) Superconductors**

Co-chairs

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**DETAILED PROGRAMME****Wednesday : 14-12-2016****Session I : 16.00-18.00**

16.00-16.30 Invited Talk (1)	<u>M Minola</u> Y. Lu , Y. Y. Peng , G. Dellea H. Gretarsson , J. Porras T. Loew , M. Haverkort P. Dosanjh , F. Yakhou N.B. Brookes , J. Pellicciari M. Dantz , Y. B. Huang T. Schmitt , G. Ghiringhelli L. Braicovich ,B. Keimer M. Le Tacon	<b>ABS-253-ICYRAM</b> The crossover from collective to incoherent spin-excitations in high-T <sub>c</sub> cuprates probed by Cu-L3 Resonant Inelastic X-ray Scattering
16.30-17.00 Invited Talk (2)	<u>M. Mondal</u> Y. Salathé, M. Oppliger J. Heinsoo, P. Kurpiers A. Potočnik, A Mezzacapo U. Las Heras, L. Lamata E. Solano, S. Filipp A. Wallraff	<b>ABS-Email-ICYRAM</b> Quantum simulation of spin models using superconducting quantum circuits
17.00-17.30 Invited Talk (3)	<u>D Samal</u>	<b>ABS-Email-ICYRAM</b> Atomic-Layer Engineering: A viable approach to tailor-make high-T <sub>c</sub> /exotic superconducting materials
17.30-17.45 Oral Talk	<u>D Hazra</u> S. Jebari, F. Blanchet A. Grimm, A. Romain C. Chapelier, M. Hofheinz	<b>ABS-91-ICYRAM</b> Microwave response of disordered S-wave NbN superconductor

**Poster Session :****Wednesday : 14-12-2016 : Time : 10.15-13.15**

13-Poster-01	Prakriti Neha Satyabrata Patnaik	<b>ABS-243-ICYRAM</b> Endohedral gallide cluster based superconductor Mo <sub>8</sub> Ga <sub>4</sub> 1
13-Poster-02	Reena Goyal V P S Awana	<b>ABS-592-ICYRAM</b> Structural characterization and superconducting properties of bulk polycrystalline Nb <sub>2</sub> PdS <sub>5</sub> compound
13-Poster-03	B Sahoo D.Behera	<b>ABS-Email-ICYRAM</b> Field dependence of activation energy in YBCO/LSMO thick films