



# Recent Advances in Molecular Magnetism

*Indian Institute of Technology Kharagpur  
Organized by Department of Chemistry*



## **26<sup>th</sup> November 2019**

**VENUE: GARGI AUDITORIUM, IIT KHARAGPUR CAMPUS**

### **Scientific scope**

Molecular magnetism is a recently developed research area that targets the design, the synthesis and the investigation of the magnetic properties of molecular and magnetic materials. The Molecular Magnetism research is broadly classified into some of the following areas, Molecule-based Magnets: Single-Molecule, Single-Ion and Single-Chain Magnets, Molecular Nanomagnets, Switchable Magnetic and Multifunctional Magnetic Materials, Optical Magnets and Photo-induced magnetism, Molecular Spintronics and Interface Magnetic Effects, Spins for Quantum Information. The event will focus on the discussion of promising and ground-breaking developments in the interdisciplinary area of Molecular Magnetism, integrating chemists, physicists and materials scientists.

### **Confirmed Speakers**

Guillem Aromí, University of Barcelona, Spain  
Rodolphe Clérac, Université de Bordeaux, France  
Malcolm Halcrow, University of Leeds, UK  
Stephen Hill, Florida State University, USA  
Rodrigue Lescouëzec, IPCM, Paris, France  
Talal Mallah, Université Paris-Sud, France  
Corine Mathonière, Université de Bordeaux, France  
David Mills, University of Manchester, UK  
Sabyashachi Mishra, IIT Khargapur, India  
Abhishake Mondal, Indian Institute of Science, India  
Tapan Kumar Nath, IIT Khargapur, India  
Mario Ruben, Karlsruhe Institute of Technology, Germany  
Jean-Pascal Sutter, LCC, CNRS, Toulouse, France

### **Important Dates**

Registration Opens: 1<sup>st</sup> October 2019

Registration Closes: 15<sup>th</sup> October 2019

40 students participation will be allowed on a first come first serve basis.

\*Registration will be done via sending email to Dr. Pradip Kumar Chakraborty

### **Call for Posters**

Participants interested to present posters may contact Dr. Pradip Kumar Chakraborty via Email: [pradipc@chem.iitkgp.ac.in](mailto:pradipc@chem.iitkgp.ac.in)

### **Contact**

Dr. Pradip Kumar Chakraborty

Department of Chemistry, Email: [pradipc@chem.iitkgp.ac.in](mailto:pradipc@chem.iitkgp.ac.in) ; Tel: 03222-283320 (Office)

### **Advisory Committee**

A. Ayyappan, S. Bandyopadhyay, A. Basak, K. Biradha, P. K. Chattaraj, M. C. Das, S. Dasgupta, D. Dhara, J. K. Dey, M. Halder, P. P. Jana, A. P. Mahanty, M. S. Maji, S. Mandal, G. Mani, A. Nag, S. Nanda, S. Panda, T. Pathak, S. K. Patra, C. R. Raj, R. Ananthakrishnan, D. Ray, R. Samanta, S. K. Samanta, N. Sarkar, N. D. Pradeep Singh, S. K. Srivastava, S. Taraphder, G. Venkataraman

### **Convener**

Dr. Pradip Kumar Chakraborty  
Dr. Sabyashachi Mishra  
Department of Chemistry,  
IIT Kharagpur

### **Chairman**

Prof. Manish Bhattacharjee  
Head, Department of Chemistry,  
IIT Kharagpur

### **Patron**

Director, IIT Kharagpur