

Minisymposium on Modern Spintronic Materials

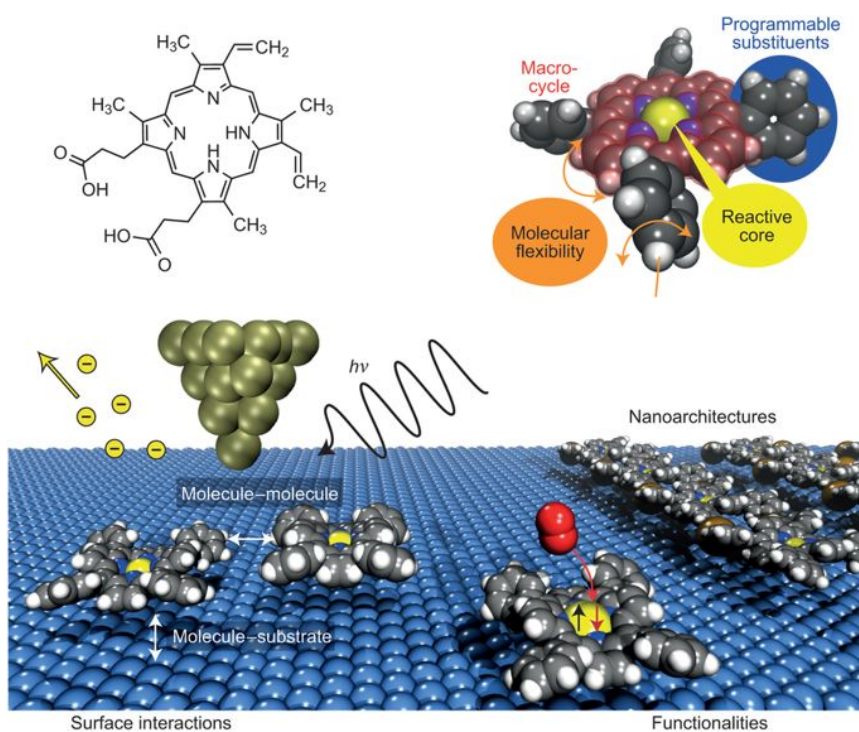
11-Jan-2019

Physics Seminar Hall
NITK

Speaker:
Prof. Jagadeesh S Moodera
MIT, USA

Prof. Peter M Oppeneer
Uppsala University, Sweden

Prof. Manjunatha Pattabhi,
Mangalore University, India



All are cordially invited

Coordination:
Dr. Kartick Tarafder
Department of Physics, NITK

Dr. H. S. Nagaraja
H.O.D., Physics, NITK

Program Schedule

09:00 – 09:15	Inauguration	
09:15 – 10:15	Prof. Jagadeesh S. Moodera, Massachusetts Institute of Technology, USA	Interface Driven Phenomena lead the way forward
10:15 – 10:30	Tea Break	
10:30 – 11:30	Prof. Peter M. Oppeneer, Uppsala University, Sweden	Ultrafast magnetic processes: A theory perspective
11:30 – 12:30	Prof. Manjunatha Pattabhi, Mangalore University, India	How important is the deposition rate in PVD
12:30 – 14:30	Lunch Break	
14:30 – 15:00	Mr. Nimith K M, NITK, India	Polymer Light Emitting Diodes: Future Displays and Lighting
15:00 – 15:30	Mr. I. Ramesh Reddy, NITK, India	Spin Crossover in Functional Materials: A First-Principle Study
15:30 – 16:00	Mr. Karthik S Bhat, NITK, India	Materials for Energy Storage Devices.
16:00 – 16:30	Mr. Sterin N S, NITK, India	Transition metal oxide based resistive random access memory