



Workshop on Advanced Materials for Energy
16th March 2018
Organized by
Department of Material Science
Indian Association for the Cultivation of Science
Venue: C.V Raman Hall, 2nd Floor, IACS Main Building
PROGRAMME

| <u>16.03.2018, Friday</u> | | |
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| Time | Speaker | Title of the talk |
| 10:15 to 10:30 | Welcome Address | Director, IACS |
| Session 1 | 10:30 - 11:30 | Chair: Prof. G. P. Das |
| 10:30 to 11:00 | Prof. Aninda Jiban Bhattacharyya (IISc, Bangalore) | Metal-Sulfur Rechargeable Batteries: A Case Study of Battery Chemistries Beyond the Li-ion |
| 11:00 to 11:30 | Prof. Amit Ghosal (IISER, Kolkata) | Prospects of Anderson's theorem for strongly correlated disordered superconductors |
| 11:30 to 11:45 | Tea Break | |
| Session 2 | 11:45 - 1.15 | Chair: Prof. A. Bhaumik |
| 11:45 to 12:15 | Prof. Vivek Polshettiwar (TIFR, Mumbai) | Role of Nanomaterials Morphology in Catalysis and CO₂ Capture |
| 12:15 to 12:45 | Prof. Angshuman Nag (IISER, Pune) | Pb-Free Metal Halide Perovskite Nanocrystals |
| 12:45 to 01:15 | Prof. Kanishka Biswas (JNCASR, Bangalore) | Ultra-low thermal conductivity in metal chalcogenides for high performance thermoelectric energy conversion |
| 1:15 to 2:30 | Lunch | |
| Session 3 | 2:30 - 4:30 | |
| 2:30 to 4:00 | Poster | |
| 4:00 to 4:30 | Tea Break | |
| Session 4 | 4:30 - 5.30 | Chair: Prof. S. K. De |
| 4:30 to 5:00 | Prof. Nirmalya Ballav (IISER, Pune) | High-Level Super-capacitive Performance of Chemically Reduced Graphene Oxide |
| 5:00 to 5:30 | Prof. Samir Kumar Pal (SNBNCBS, Kolkata) | Nano-biointerface: From Science to Application |