



INDIAN ACADEMY OF SCIENCES

Bengaluru 560 080

82nd ANNUAL MEETING

4–6 November 2016 Venue: IISER, Bhopal



Host:
IISER Bhopal

4 NOVEMBER 2016 (FRIDAY)

Walter Kohn Memorial Symposium

Time: 15:30 p.m. – 17:30 p.m. Venue: Auditorium– Visitors' Hostel

Chairperson: H R Krishnamurthy, IISc, Bengaluru

Speakers:

- 1530 **T V Ramakrishnan**, BHU, Varanasi
Walter Kohn and the rise of condensed matter physics
- 1600 **Swapan K Ghosh**, BARC, Mumbai
Density functional theory for materials modeling at different length scales: A legacy of Walter Kohn
- 1630 **Tanusri Saha-Dasgupta**, SN Bose Natl. Centre for Basic Sciences, Kolkata
Beyond the conventional DFT: Life with "U"
- 1700 **Umesh V Waghmare**, JNCASR, Bengaluru
Electrons in a crystal: Localized versus extended orbitals

5 NOVEMBER 2016 (SATURDAY)

Symposium on "Our Second Genome"

Time: 10:50 a.m. – 13:00 p.m. Venue: Auditorium– Visitors' Hostel

Chairperson: Partha P Majumder, NIBMG, Kolkata

Speakers:

- 1050 **Partha P Majumder**, NIBMG, Kolkata
An overview of our second genome
- 1110 **Sharmila S Mande**, TCS, Pune
Gut microbiome and human health
- 1140 **Vineet K Sharma**, IISER, Bhopal
Novel insights into the human microbiome
- 1210 **Souvik Mukherjee**, NIBMG, Kolkata
The microbiome in skin health and disease
- 1240 **Shekhar C Mande**, NCCS, Pune
The Indian human microbiome initiative

