



"FUTURE OF CHEMISTRY"

SYMPOSIUM SERIES

11th Symposium – 14th November, 2022

(2.30 PM TO 7.30 PM IST ON ZOOM PLATFORM)



Program

- 2:30 to 3:00 pm** Welcome Remarks by Prof. Sudipta Maiti (Chair, DCS)
- 3:00 to 3:30 pm** **T1-Dr. Supriya Rej (Technical University, Berlin, Germany)**
Approach Towards Green and Sustainable Organic Synthesis: From Metal Catalysis to Non-Metal Protocol Development
- 3:30 to 4:00 pm** **T2- Dr. Sudipto Chakrabarti (Saha Institute of Nuclear Physics, Kolkata)**
Unraveling the interplay between magnetism and chemical binding in nanoscale systems
- 4:00 to 4:30 pm** **T3- Dr. Ananya Baksi (Technical University, Dortmund, Germany)**
Unravelling Molecular Materials using Mass Spectrometry
- 4:30 to 5:00 pm** **T4- Dr. Venus Singh Mithu (Max Planck Institute for Multidisciplinary Sciences, Germany)**
From small molecules to complex biopolymers: Potential of NMR spectroscopy in understanding the fundamentals of molecular structure and solving global challenges
- 5:00 to 5:20 pm** *SHORT BREAK (Interaction of speakers with students)*
- 5:20 to 5:50 pm** **T5- Dr. Harindranath Kadavat (ETH Zurich, Switzerland)**
Multi-Dimensional Structure and Dynamics Landscape of Proteins in Mammalian Cells Revealed by In-Cell NMR
- 5:50 to 6:20 pm** **T6- Dr. Sudarshan Vijay (University of California Berkeley, USA)**
Understanding trends in reaction rates in heterogeneous and electro-catalysis
- 6:20 to 6:50 pm** **T7- Dr. Anindita Sarkar (University of Michigan, USA)**
Elucidating the heme chapter of Rev-Erb β
- 6:50 to 7:20 pm** **T8- Dr. Saied Md Pratik (The University of Arizona, Tucson, USA)**
Design of Highly Efficient Multi-Resonant Thermally Activated Delayed Fluorescence Emitters for Organic Light-Emitting Diode (OLED) Applications
- 7:20 to 7:30 pm** Concluding Remarks by Chair

Join Zoom Meeting

<https://tifr-res-in.zoom.us/j/93367406119?pwd=ZHFLUG1mYm9PVmRFRmXpuNnRGUUV1Zz09>

Meeting ID: 933 6740 6119

Passcode: 409196