



"FUTURE OF CHEMISTRY"

SYMPOSIUM SERIES

XXth Symposium – 22nd AUGUST 2023

(2.30 TO 7.00 PM IST ON ZOOM PLATFORM)



Program

2:30 to 2:40 pm

Welcome Remarks by Prof. Sudipta Maiti (Chair, DCS)

2:40 to 3:10 pm

T1-Dr. Bahiru Punja Benke (Heidelberg University, Germany)

Catenation of Chiral Organic Cages Driven by Weak Interactions

3:10 to 3:40 pm

T2-Dr Bikash Kumar Shaw (TU Munich)

Hybrid Organic-Inorganic Perovskite Based Glasses as Future Thermoelectric Materials

3:40 to 4:10 pm

T3-Prasun Kumar (University of Bristol, UK)

Exploring the Frontier of Protein Design in the Age of Artificial Intelligence

4:10 to 4:40 pm

T4- Dr. Subhrajyoti Bhandary (Ghent University, Belgium)

Dynamic molecular crystalline materials with switchable phosphorescence properties

4:40 to 5:00 pm

SHORT BREAK

5:00 to 5:30 pm

T5-Prashant Kumar (University of Michigan, Ann Arbor, US)

Hybrid Metamaterials with Controllable Twist

5:30 to 6:00 pm

T6-Pritam Mondal (University of Alabama, United States.)

The Role of Heme Peroxo Oxidants in the Rational Mechanistic Modeling of Nitric Oxide Synthase: Characterization of Key Intermediates and Elucidation of the Mechanism

6:00 to 6:30 pm

T7-Dipendu Mandal (University of Toronto, Canada)

Frustrated Lewis Pairs Paradigm: A Metal-Free Chemistry

6:30 to 7:00 pm

T8- Ankit Jain (New York, USA)

Controlled order in liquid condensates

7:00 to 7:05 pm

Concluding Remarks by Chair

Join Zoom Meeting

<https://tifr-res-in.zoom.us/j/98632753316?pwd=ZjlKeE94eFlcHc0NG9HeEgzRHVWZz09>

Meeting ID: 986 3275 3316

Passcode: 872955