



"FUTURE OF CHEMISTRY"

SYMPOSIUM SERIES

5th Symposium – 28th OCTOBER 2021

(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 3:00 pm	T1- Dr. Amol M. Vibhute (Gifu University, Japan) Synthesis, Chemical Biology and Supramolecular Chemistry of Sugars and Cyclitols
3:10 to 3:30 pm	T2- Dr. Tushar Debnath (Ludwig-Maximilians-Universität München, Germany) Exciton and Vibrational Wavepacket Dynamics of Energy Harvesting Nanomaterials and Bio-relevant Molecules using Ultrafast Optical Spectroscopy
3:40 to 4 pm	T3- Dr. Darshita Budhadev (University of Leeds, UK) Glycan-Gold Nanoparticles as Multifunctional Probes for Multivalent Lectin–Carbohydrate Binding: Implications for Blocking Virus Infection and Nanoparticle Assembly
4:10 to 4:30 pm	T4- Dr. Paresh Majhi (Saarland University, Germany) The Diverse Chemistry of Heavy Vinylidenes
4:40 to 5:00 pm	<i>SHORT BREAK (Interaction of speakers with students)</i>
5:00 to 5:20 pm	T5- Dr. Indrajit Maity (Johannes Gutenberg-Universität Mainz, Germany) Complex Chemical Reaction Networks for Biomimetics and Materials Design
5:30 to 5:50 pm	T6- Dr. Srinivasa Rao Adusumalli (University of Cambridge, UK) Chemical technologies for precision labeling and degradation of native proteins enabling biology and medicine
6:00 to 6:20 pm	T7- Dr. Amartya Bose (Princeton University, USA) Quantum Dynamics of Open Extended Systems
6:30 to 6:50 pm	T8- Dr. Bijoy J. Desai (Columbia University, USA) TBA
7:00 to 7:05 pm	Concluding Remarks by Chair

Join Zoom Meeting
<https://zoom.us/j/92276978306?pwd=cFJqRy9BMEFLSEo4ZUd3TFNIMUFVQT09>

Meeting ID: 922 7697 8306
Passcode: 369582