



"FUTURE OF CHEMISTRY" SYMPOSIUM SERIES

6th Symposium – 14th DECEMBER 2021
(2.00 TO 7.00 PM IST ON ZOOM PLATFORM)



Program

2:00 to 2:10 pm	Welcome Remarks by Prof. Sudipta Maiti (Chair, DCS)
2:10 to 2:30 pm	T1-Dr. Revannath Sutar (AmAr Chemistry, India) Guiding Chemistry with Light
2:40 to 3:00 pm	T2- Dr. V. S. Baswanth Oruganti (Linnaeus University, Sweden) Tailoring Efficiency of Photochemical Reactions through Light-Induced Changes in Aromaticity
3:10 to 3:30 pm	T3- Dr. Soumya Mukherjee, (Utrecht University, Netherlands) Quantitative Proteomics of Detergent Insoluble Tangles derived from Alzheimer's Disease Brains
3:40 to 4 pm	T4- Dr. Subha Sadhu (Ulster University, UK) Surface Passivation and Elucidating Hydrogen Migration in Hybrid Organic Inorganic Perovskites
4:10 to 4:30 pm	T5- Dr. Jagannath Kuchlyan (University of Oxford, UK) Site-selective faithful monitoring of local changes in nucleic acids
4:40 to 5:00 pm	<i>SHORT BREAK (Interaction of speakers with students)</i>
5:00 to 5:20 pm	T6- Dr. Dr. Saminathan Ramakrishnan (IISc. India) The structural dynamics uniformity and dependence on the biomolecular crystal sizes, characterized using birefringence
5:30 to 5:50 pm	T7- Dr. Chayan Dutta (Rice University, USA) 3D transport of toxins inside live BHK cells using phase engineered optical microscopy
6:00 to 6:20 pm	T8- Dr. Sudeshna Manna (University of Utah, USA) Nucleic acid engineering as a toolbox for studying unique DNA structures and imaging small molecules in cells
6:30 to 6:50 pm	T9- Dr. Pramod Kumar (UIUC, USA) Elucidating the structure-function underpinning of pentameric Ligand Gated Ion Channels: lipid interactions and gating
7:00 to 7:05 pm	Concluding Remarks by Chair

Join Zoom Meeting

<https://zoom.us/j/97469701221?pwd=YkRnZGQrUGZma0RIc0h2VG9XeWVTUT09>

Meeting ID: 974 6970 1221
Passcode: 646008