

# "FUTURE OF CHEMISTRY"

## SYMPOSIUM SERIES

9<sup>th</sup> Symposium – 20<sup>th</sup> JUNE 2022

(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. Tapan Kumar Das (Weizmann Institute of Science, Rehovot, Israel) <i>Spin-Selective Charge Transfer in Chiral Materials and Molecules</i>
3.10 to 3.30 pm	T2- Dr. Arkamita Bandyopadhyay (University of Bremen, Germany) <i>Engineering Spin Textures and Dynamics in Atomically Thin 2D Materials and Their Heterostructures</i>
3.40 to 4.00 pm	T3- Dr. Somnath Koley (The Hebrew University of Jerusalem, Israel.) <i>Coupled Colloidal Quantum Architectures: New Optoelectronic Properties and Charge re-distribution Mechanisms</i>
4.10 to 4.30 pm	T4- Dr. Santu Bera (Institut Européen de Chimie et Biologie (IECB), France) <i>Minimalistic Cross-Helical Peptide-Based Bioinspired Materials and Nanotechnology</i>
4.40 to 5.00 pm	<b>SHORT BREAK</b>
5.00 to 5.20 pm	T5- Dr. Bikash Jana (Friedrich Alexander Universität, Germany) <i>Photophysical studies and application of carbon-based functional nanomaterials</i>
5.30 to 5.50 pm	T6- Dr. Krishnendu Kundu (National High Magnetic Field Laboratory, Tallahassee, USA) <i>Pulsed EPR study of Spin Dynamics at Clock Transitions in Molecular Electron Qubits</i>
6.00 to 6.20 pm	T7- Dr. Kaushik Pal (Iowa State University, USA) <i>Studying Macrophage Mechanobiology: Fall of dsDNA-based Force Sensor and Rise of PNA Analog</i>
6.30 to 6.50 pm	T8- Dr. Soumen Ghosh (Pacific Northwest National Laboratory, USA) <i>A New Method for Modeling and Discovering the Next Generation Materials</i>
7.00 to 7.05 pm	Concluding Remarks by Chair

Join Zoom Meeting

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Meeting ID: 928 9308 0346

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