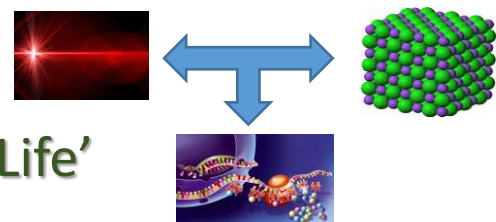


On this occasion, the Dept of Chemical Sciences, IISER Mohali, in association with the Chemical Research Society of India (CRSI) Local Chapter (Chandigarh/Amritsar region) is organizing a **one-day virtual meeting** on the theme:



The purpose of this event is to bring together an active group of scientists who will share their insights in the rapidly growing diversities in Chemistry.

You are cordially invited to attend the webinar following this [link](https://www.youtube.com/watch?v=lyFeZT8oqtY):

<https://www.youtube.com/watch?v=lyFeZT8oqtY>

'Chemistry at the Interface of **Light, Matter** and **Life**'

Schedule

9:30 to 9:45: Welcome note

9:45 to 11:45: Theme 1 – Light, Chaired by: Dr. Sanchita Sengupta

9:45-10:15: Prof Hirendra Nath Ghosh, INST Mohali - *Ultrafast Bi-Exciton, Trion and Polaron Dynamics in 2D and 3D Nano-Structured Hetero Interface*

10:15-10:45: Prof Jyotishman Dasgupta, TIFR Mumbai - *Transient Raman Snapshots of the Twisted Intramolecular Charge Transfer State*

10:45-11:15: Dr P. Balanarayan, IISER Mohali - *On the "memory" of electrons in a molecule in strong laser fields*

11:15-11:30: Ms Yogita Silori, IISER Mohali - *Water-mediated excess energy dissipation within photosynthetic light-harvesting mimics*

11:30-11:45: Mr Ankit Gaur, IISER Mohali - *Photoswitching and photochromism of tripodal based photoswitches*

Break : 11:45 to 12:00

12:00 to 13:30: Theme 2 – Matter, Chaired by: Dr. Sugumar Venkataramani

12:00-12:30: Prof Satish Patil, IISc Bangalore - *Molecular approaches to control coherence in singlet fission*

12:30-13:00: Prof J Shankar, IISER Bhopal - *Functionalized Corroles: Ligands for Innocence and Intrigue*

13:00-13:15: Mr Sanjit Mondal, IISER Mohali - *Synthesis of graphitic carbon dots from waste polyethylene with self-oxidation ability: Exhibiting enhanced solar light harvesting due to high and reversible oxygen uptake property*

13:15-13:30: Mr Deepak, IISER Mohali - *Charge-Transfer complex assisted stabilization of PPII-type helix structure*

Break : 13:30 to 14:30

14:30 to 16:30: Theme 3 – Life, Chaired by: Dr. Debashis Adhikari

14:30-15:00: Prof Ruchi Anand, IIT Bombay - *Probing Long Distance Allosteric Communication in Enzyme Systems*

15:00-15:30: Prof Samrat Mukhopadhyay - *Biomolecular Condensation via Liquid-Liquid Phase Separation of Intrinsically Disordered Proteins*

15:30-16:00: Dr Sabyasachi Rakshit - *Crankshaft motion in proteins and its implication in Hearing Loss with Aging*

16:00 -16:15: Ms Ipsita Pani, IISER Mohali - *Differentiating Conformationally Distinct Alzheimer's Abeta Oligomers using Liquid Crystals at Aqueous Interfaces*

16:15-16:30: Ms Basundhara Dasgupta, IISER Mohali - *Promiscuous proton transfer property of cytochrome c in self-organized media*

16:30 to 16:45: Concluding remarks & Vote of thanks

Organizing team:

IISER Mohali: Dr. S. Arulananda Babu (Head, Dept of Chemical Sciences), Dr. Sabyasachi Rakshit, Dr. Arijit K De, Dr. Ujjal K Gautam, Dr. Subhabrata Maiti, Dr. Rajkumar Roy, Dr. Jino George, Dr. Angshuman Roy Choudhury, Dr. Sanjay Singh.

CRSI (Local Chapter, Chandigarh/Amritsar Region): Dr. R. Vijaya Anand (Convener), IISER Mohali & Prof. Vandana Bhalla (Co-convener), GNDU Amritsar.