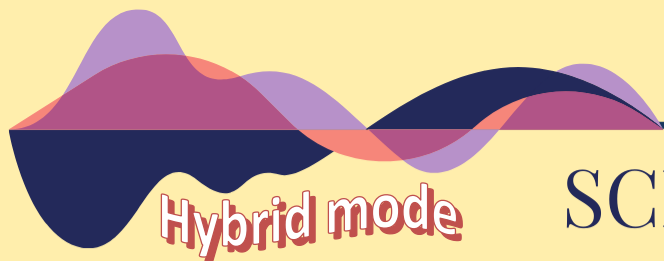


SCHEDULE

March 09, 2022, Wednesday

Session In-charge: Welcome notes by Sudipta Maiti 09:30 - 09:45 AM	Inauguration: V. Chandrasekhar (Centre Director, TIFR Hyderabad) S. Ramakrishnan (Director, TIFR Mumbai)
09:45 AM - 12:15 PM Session Chair: Manoj V. Naik	
V. Chandrasekhar 09:45 - 10:15 AM	Reactivity of a NHC-coordinated Diphosphene and an Unsymmetrical N-P-N Ligand
J. Dasgupta 10:15 - 10:45 AM	Excited State Planarization in Chromophore-fused COT dyes
Vivek Polshettiwar 10:45 - 11:15 AM	Forced Plasmon Mediated CO ₂ Hydrogenation using Solar Energy
Pabitra K. Nayak 11:15 - 11:45 AM	Soft semiconductors: The way forward
Deepa Khushalani 11:45 AM - 12:15 PM	Effective Sea Water Splitting – Myth or Reality
BREAK	
01:20 - 03:30 PM Parallel POSTER sessions P01 - P13 P14 – P26 Sessions in charge: Apoorva Badaya (P-1-13), Neha Choudhary (P14-26)	
BREAK	
04:00 - 06:00 PM Session Chair: Gitanjali A. Dhotre	
Ritesh Haldar 04:00 - 04:30 PM	Epitaxially grown nanochannel membranes for chemical separation
Pranav R. Shirhatti 04:30 - 05:00 PM	Using neutral atom scattering to image atomically thin layers
Pramodh Vallurupalli 05:00 - 05:30 PM	Exploring the Free Energy of Surface of Proteins using CEST NMR Experiments
Shachi Gosavi 05:30 - 06:00 PM	Self-peptides as potential inhibitors of protein function



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SCHEDULE

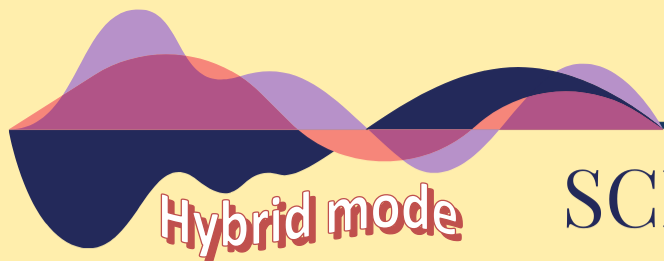
March 10, 2022, Thursday

09:00 - 11:00 AM Session Chair: Mamata V. Joshi	
Sri Rama Koti Ainavarapu 09:00 - 09:30 AM	Ubiquitin: A versatile protein for protein engineering
Sudipta Maiti 09:30 - 10:00 AM	The role of neurotransmitters in controlling their own exocytosis
Ranabir Das 10:00 - 10:30 AM	Proteasomal tags: Do they function beyond escorting substrates?
Shyamalava Mazumdar 10:30 - 11:00 AM	Abiological Catalysis by Engineered Metalloproteins
BREAK	
11:20 AM - 12:30 PM Parallel POSTER sessions P27 – P33 I P34 – P40 Sessions in charge: Shubhankar Gadre (P-27-33), Neha Choudhary (P34-40)	
BREAK	
01:30 - 03:30 PM CHEMQUIZ Session in charge: TBA	
BREAK	
04:00 - 6:00 PM Session Chair: Mamata Kallianpur	
Ankona Datta 04:00 - 04:30 PM	Lighting up Bio-Molecules with Chemical Tools
Soumya Ghosh 04:30 - 05:00 AM	Dipole moment fluctuations at metal-water interface
Vamsee Voora 05:00 - 05:30 PM	A parameter free approach for nonresonant X-ray emission spectroscopy without any core-hole reference states
R. Ramakrishnan 05:30 - 06:00 PM	Quantum Chemistry Big Data



TIFR Mumbai, NCBS-TIFR Bengaluru, TIFR Hyderabad

Venue: Homi Bhabha Auditorium



SCHEDULE

March 11, 2022, Friday

<p>09:00 - 10:30 AM Session Chair: G Rajalakshmi</p>	
<p>Ravi Venkatramani 09:00 - 09:30 AM</p>	Quantitative Descriptions of Protein Dynamics
<p>Jagannath Mondal 09:30 - 10:00 AM</p>	Decoding Metastable states in Protein Folding and Ligand Recognition
<p>Bijoy Dey 10:00 - 10:30 AM</p>	Push and Pull Effect on Spin Crossover Complexes
<p>BREAK</p>	
<p>10:50 - 1:10 PM Parallel POSTER sessions P41 – P53 P54 – P67 Sessions in charge: Apoorva Badaya (P-1-13), Shubhankar Gadre (P14-26)</p>	
<p>BREAK</p>	
<p>02:10 - 03:10 PM Session Chair: Sreejith Rarankurussi</p>	
<p>Anukul Jana 02:10 - 02:40 PM</p>	Redox Processes in Low-Valent Low-Coordinate Main-Group Compounds
<p>Malay Patra 02:40 - 03:10 AM</p>	A Substitutionally Inert Platinum Anticancer Agent Designed to Circumvent Chemoresistance and Nephrotoxicity
<p>BREAK</p>	
<p>03:30 - 04:30 PM ChemFun Talk – 1: TBA ChemFun Talk – 2: TBA Session in charge: TBA</p>	
<p>Awards announcements and concluding Remarks Session in charge: J. Dasgupta 04:30 – 05:00 PM</p>	<p>Concluding Remarks S. Ramakrishnan (Director, TIFR Mumbai) V. Chandrasekhar (Centre Director, TIFR Hyderabad) K. Maiti (Dean, NSF, TIFR) S. Maiti (Chair, DCS, TIFR)</p>