

ChemSci2021: Leaders in the Field Symposium

12-15 December 2021

Day 1: 13th December 2021 Supramolecular / Organic Materials (4 speakers)

3:00 PM - 3:05 PM	Day 1: December 13, 2021 (Monday, 3:00 PM - 6:00 PM IST / 09.30 -12.30 GMT)
3:05 PM - 3:10 PM	Welcome Address – Prof Subi George, JNCASR Bangalore, India
3:10 PM - 3:20 PM	Inaugural Address – Prof GU Kulkarni, President, JNCASR Bangalore, India
3:20 PM - 3:25 PM	Introduction to <i>Chemical Science</i> – Dr May Copsey, Executive Editor, Chemical Science
3:25 PM - 3:30 PM	Special Address: Prof Umesh Waghmare, JNCASR Bangalore
Day 1: Organising Chair: Prof Subi George	
Session I: (3:25 PM) Chair: Prof A Ajayaghosh, NIIST Trivandrum, India	
3:25 PM - 3:55 PM	Steve Goldup, University of Southampton, UK Associate Editor, Chemical Science <i>Making and using mechanically chiral rotaxanes and catenanes</i>
4:00 PM - 4:30 PM	Suhrit Ghosh, IACS Kolkata, India <i>Externally Regulated Specific Molecular Recognition Driven Controlled/Living Supramolecular Polymerization</i>
4:30 PM - 4:35 PM	Break
Session II: (4:35 PM) Chair: Prof Rahul Banerjee, IISER Kolkata	
4:40 PM - 5:10 PM	Apurba Lal Koner, IISER Bhopal, India <i>Single-component White Light Emission Using Self-assembled Perylene</i>
5:15 PM - 5:45 PM	Jino George, IISER Mohali, India <i>Controlling Molecular Properties by Light-Matter Strong Coupling</i>
5:45 PM - 5:50 PM	Closing Remarks

Day 2: 14th December 2021

Day 2: December 14, 2021 (Tuesday, 3:00 PM - 6:00 PM IST / 09.30 -12.30 GMT)	
Organising Chair: Dr Aparna Ganguly	
Session III: (3:05 PM) Chair: Prof Swadhin Mandal, IISER Kolkata, India	
3:05 PM - 3:35 PM	Jinlong Gong, Tianjin University, China Associate Editor, Chemical Science <i>Device Engineering for Production of Solar Fuels</i>
3:40 PM - 4:10 PM	Premkumar Senguttuvan, JNCASR Bangalore, India <i>Tailoring High Energy Density Phosphate Cathodes for Na-ion Batteries</i>
4:10 PM - 4:15 PM	Break
Session IV: (4:15 PM) Chair: Prof Tapas Maji, JNCASR Bangalore, India	
4:20 PM - 4:50 PM	Subramaniam Chandramouli, IIT Bombay, India <i>Combining structure and chemistry for photon-heat conversion in tailored porous hard-carbon nanostructures</i>

4:55 PM - 5:25 PM	Bikash Jena, CSIR-IMMT Bhubaneswar, India <i>Materials for Energy Conversion and Storage Applications</i>
Poster Presentation Flash Talks: Chair tbc	
5.30 PM - 5:40 PM	Student Presentation 1
5.40 PM - 5:50 PM	Student Presentation 2
5.50 PM - 6:00 PM	Student Presentation 3
6:00 PM	Closing Remarks

Day 3: 15th December 2021 Chemical Biology

Day 3: December 15, 2021 (Wednesday, 3:00 PM - 6:00 PM IST / 09.30 -12.30 GMT) Organising Chair: Mr Ershad Abubacker	
Session V: (3:05 PM) Chair: Prof Santanu Bhattacharya, IISc Bangalore, India	
3:05 PM - 3:35 PM	Maja Köhn, University of Freiburg, Germany Associate Editor, Chemical Science <i>Chemical approaches to decipher and control protein phosphatase-1 activity</i>
3:40 PM - 4:10 PM	KR Mahendran, RGC B Trivandrum, India <i>Building transmembrane pores for nanotechnology and medicine</i>
4:10 PM - 4:15 PM	Break
Session VI: (4:15 PM) Chair: Prof R B Sunoj, IIT Bombay, India	
4:20 PM - 4:50 PM	Jagannath Mondal TIFR Hyderabad, India <i>Simulating Biomolecular recognition at Real Time</i>
4:55 PM - 5:25 PM	Nandita Madhavan, IIT Bombay, India <i>Precisely Controlled Biomimetic Transmembrane Ion Transport</i>
Poster Presentation Flash Talks: Chair tbc	
5.30 PM - 5:40 PM	Student Presentation 1
5.40 PM - 5:50 PM	Student Presentation 2
5.50 PM - 6:00 PM	Student Presentation 3
6:00 PM	Closing Remarks