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Small Sciences Symposium (SSS-2026)

Venue: C. V. Raman Hall, IACS
2A and 2B Raja S. C. Mullick Road, Jadavpur, Kolkata 700032, India
November 19-21, 2026

November 19, 2026 (DAY 1)	
Registration 13:30-14:30	
INAUGURAL SESSION	
14:30 – 14:35	Remarks by the **Convenor**
14:35 – 14:45	Welcome Address by the **Director**, IACS
14:45 – 14:50	Address by the **Chair**, SAIS, IACS
14:50 – 14:55	Remarks by the **Co-Convenor**
14:55 – 15:00	Address by the **Group Vice-President**, Publishing Development, Wiley
15:00 – 15:10	Inaugural Address & Young Innovator Award Presentation by the **Editor-in-Chief**, *Small*
SESSION-1 (Chair: Prasanta Kumar Das, IACS Kolkata)	
15:15 – 15:45	Chandra Shekhar Sharma, IIT Hyderabad *Rechargeable Metal–CO_2 Batteries: From Electrocatalyst and Electrolyte Engineering to Energy Storage on Earth and Mars*
15:45 – 16:15	Suraj Soman, CSIR-NIIST, Thiruvananthapuram *Beyond Sunlight: Emerging Frontiers and Innovation Pathways in Indoor Photovoltaics*
16:15 – 16:45	Titash Mondal, IIT Kharagpur *Polymer and its Nanocomposites Based Triboelectric Nanogenerators*
16:45 – 17:15	Tea / Coffee Break
SESSION-2 (Chair: Arindam Banerjee, IACS Kolkata)	
17:15 – 17:45	Rohit Ranganathan Gaddam, IISER Bhopal *Interfacial and Compositional Engineering of Cathodes for Advanced Sodium-Ion Batteries*
17:45 – 18:15	Vishal Govind Rao, IIT Kanpur *Water-Stable Perovskite Nanocrystals: Design and Applications*
19:00	Dinner
November 20, 2026 (DAY 2)	
SESSION-3 (Chair: Jyotirmayee Dash, IACS Kolkata)	
10:00 – 10:30	Nandita Madhavan, IIT Bombay *Nanopores for Selective Water Transport*
10:30 – 11:00	Dibyendu Das, IISER Kolkata *Non-equilibrium Self-assembly for Living Matter-like Properties*
SESSION-4 (Chair: Santanu Bhattacharya, IISER Tirupati)	
11:00 – 11:40	Neville Compton (Editor-in-Chief, *Small*) *Acceptance or Rejection: Insider Tips for Rapid and Successful Publication in Top Journals- Insights from the Advanced Portfolio and Small Journals*
11:40 – 12:10	Tea / Coffee Break

SESSION-5 (Chair: Debangshu Chaudhuri, IISER Kolkata)	
12:10 – 12:40	Subi J. George, JNCASR, Bangaluru *Inspired by Nature: Pushing the Limits of Precision in Supramolecular Polymerization*
12:40 – 13:10	Gustavo Fernández, University of Münster *Molecular and Supramolecular Systems with Adaptive and Memory Functions*
13:10 – 14:30	Photo Session and Lunch
SESSION-6 (Chair: Priyadarsi De and Raja Shunmugam, IISER Kolkata)	
14:30 – 14:50	Sanjib Banerjee, IIT Bhilai *Molecularly Engineered Smart Polymers for Adaptive and Sustainable Technologies*
14:50 – 15:10	Bimalendu Adhikari, NIT Rourkela *Cu(I)-Induced G-Quadruplex Supramolecular Polymers: Gelation with Unusual Gel–Sol–Gel Transitions*
15:10 – 15:30	Pradip Kumar Tarafdar, IISER Kolkata *A Minimalistic Branched Design of Self-coacervates for Polarity-Programmed Microreactor Catalysis, and Sequestration of Macromolecules, Enveloped Viruses*
15:30 – 15:50	Vini Goutam, IISc Bangalore *Micro/nano Scaffolds: Physical Cues to Guide Growth of Biological Neuronal Networks*
15:50 – 16:10	Vedhanarayanan B, SRMIST *Two-Dimensional Hybrid Materials Based on Transition Metal Dichalcogenides for Energy Conversion and Storage*
16:15 – 18:00	POSTER SESSION and Tea / Coffee Break
19:30 – 22:00	Banquet Dinner
November 21, 2026 (DAY 3)	
SESSION-7 (Chair: Sayan Bhattacharyya, IISER Kolkata)	
10:00 – 10:30	Veerabhadrarao Kaliginedi, IISc Bangalore *Probing and Tuning the Chemical Reactions at a Single Molecular Level*
10:30 – 11:00	Uttam Ghorai, Ramakrishna Mission Vidyamandira *Magneto-electrocatalytic Ammonia Synthesis: From Spin-Selective Mechanisms to Industrially Relevant Performance*
11:00 – 11:30	Tea / Coffee Break
SESSION-8 (Chair: Tarun K. Mandal, IACS Kolkata)	
11:30 – 12:00	Shiki Yagai, Chiba University, Japan *Curvature-Emergent Supramolecular Polymerization toward Meso-Materials*
12:00 – 12:30	Amitav Sanyal, Boğaziçi University, Turkey *Molecular Engineering of Multifunctional Polymeric Interfaces through Covalent Functionalization and Supramolecular Assembly*
12:30 – 13:00	Manickam Jayakannan, IISER Pune *Auto-degradable Drug Delivery Systems in Cancer Research*
13:00 – 13:10	**Poster Prize Announcements**
13:10 – 13:15	Vote of thanks by Convenor
13:15 – 14:30	Lunch and Departure