

PROGRAM SCHEDULE

 37th CRSI-NSC & CRSI-ACS Lecture Series MLS Hall, IACS Kolkata July 2-4, 2026 		
JULY 2 (DAY-1)		
8.30-9.30	Registration	
INAUGURAL SESSION		
9.30-9.35	Address by the Convener, CRSI-NSC-37	
9.35-9.45	Address by the Director, IACS	
9.45-9.50	Address by the Chair, SAIS	
9.50-9.52	Remarks by Prof. Rao (read by Secretary General, CRSI)	
9.52-10.00	Address by the Secretary General, CRSI	
10.00-10.10	Address by the ACS (Dr. Deeksha Gupta & Dr. Sarah Tegen)	
10.10-10.15	Address by the President, SACI	
10.15-10.45	Presidential Address	
10.45-11.30	Photo Session & High Tea	
SESSION-1 (Chair: G. K. Lahiri & Prasanta K. Das)		
11.30-12.00	Murthy S. Gudipati CRSI Medal (NRI) Lecture	Chemistry in and of Water Ice: Applications from Astrophysics to Origin of Life
12.00-12.30	Sébastien Lecommandoux CRSI-ACS Lecture-1	Biomimetic Polymer Vesicles for Drug-Delivery and Artificial Cells
12.30-12.40	Sabuj Kundu BM-1	Selective Functionalization using Methanol
12.40-12.50	Sathish M BM-2	Surface Engineering of Porous Nanocarbons for High-Performance Symmetric and Hybrid Supercapacitors
12.50-13.00	Aloke Das BM-3	From Sequence to Function: β -Turn Peptides as a Platform for Bioelectronic Materials
13.00-14.00	Lunch	
14.00-16.00	Poster Session-1	
SESSION-2 Chair: Vibha Tandon & Pradyut Ghosh		
16.00-16.30	Nikoletta B. Báthori Special Lecture by the President, SACI	Structural Diversity in the Solid State: Polymorphism and Crystal Engineering of Baclofen
16.30-16.50	S. Velmathi	Seeing the Invisible: Smart Optical Probes in Action

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	<i>A.V. Rama Rao Prize for Women Lecture-1</i>	
16.50-17.10	Alakesh Bisai <i>C.N.R. Rao National Prize Lecture</i>	Biomimetic Total Synthesis of Biologically Relevant Natural Products
17.10-17.20	Ajay Venugopal <i>BM-4</i>	Hythane
17.20-17.40	Uttam Ghorai <i>CRSI-ACES Early Career Award Lecture</i>	Magnetic Field Modulation of Electrocatalytic Nitrite Reduction to Ammonia: Insights into Orbital Coupling and Magnetohydrodynamic Effects
SESSION-3		
17.40-18.40	C&EN Session: Nick Ishmael-Perkins , Editor in Chief, C&EN	
JULY 3 (DAY-2)		
SESSION-4 Chair: S. Sivaram & Ruchi Anand		
9.30-10.00	Erick Carreira <i>CRSI-ACS Lecture-2</i>	Advances in Complex Molecule Synthesis: Methods Development and Strategic Implementation
10.00-10.20	Bimlesh Lochab <i>A.V. Rama Rao Prize for Women Lecture-2</i>	Rational Design Strategies for Greener and Healable Polybenzoxazine Thermosets
10.20-10.30	Rajarshi Samanta <i>BM-5</i>	Reimagining Reactivity: Diazoquinone-Driven Transformations
10.30-10.40	Chandi Charan Malakar <i>BM-6</i>	Electrochemical Cascade Cyclization and Desulfurization Strategies: Unified Metal Free Access to Benzoxazines, Quinazolines, and Benzimidazoles with Mechanistic Insights from DFT Calculations
10.40-10.50	Arunabha Thakur <i>BM-7</i>	Efficient and Controlled Singlet Oxygen Generation from Micellar Nanoaggregates of Organic Photoswitchable Amphiphile
10.50-11.00	Rupam Dinda <i>BM-8</i>	Metal-Based Theranostic Agents: Cytotoxicity and Internalization in Cells
11.00-11.30	Tea	
SESSION-5 Chair: Samaresh Bhattacharya & Kana M. Sureshan		
11.30-12.00	Daya Shankar Pandey <i>SM-1</i>	Electro- and Photocatalytic CO ₂ to CO Conversion by Dipyrrin-Based Complexes
12.00-12.20	Jayanta Haldar <i>CRSI-ACS Lecture-3</i>	Targeting the Cell Envelope: A Versatile Antibacterial Strategy

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12.20-12.40	Durba Sengupta <i>Charusita Chakraborty Memorial Award Lecture</i>	A Molecular View of Lipid Self Assemblies
12.40-12.50	Debapratim Das <i>BM-9</i>	Supramolecular Chemical Ligation (SCL): Synthesis of Functional Protein from Peptide Fragments
12.50-13.00	Pankaj Chauhan <i>BM-10</i>	Organocatalytic Asymmetric Synthesis of Medium-Sized Bridged Biaryls
13.00-13.10	Ramendra Sundar Dey <i>BM-11</i>	Emerging Nanomaterials in Interfacial Electrochemistry: Pathways to a Sustainable Future
13.10-14.00	Lunch Break	
14.00-16.00	Poster Session-2 and Small-Scale Chemistry Experiment Demonstration	
SESSION-6	Chair: V. Chandrasekhar (President, CRSI)	
16.10-16.50	S. R. Gadre <i>Gold Medal Lecture</i>	Our Story of Indigenous Development of Quantum Chemical Methods and Codes
16.50-17.30	Presentation of CRSI Medals	
17.30-18.30	CRSI General Body meeting	
19.30-21.30	Conference Dinner	
JULY 4 (DAY-3)		
SESSION-7	Chair: S. Ramakrishnan & Arindam Banerjee	
9.30-10.00	Mary Chan-Park <i>CRSI-ACS Lecture-4</i>	Advances in Cationic Polymers for Antimicrobial and RNA applications
10.00-10.20	Durga Prasad Hari <i>CRSI-ACS Lecture-5</i>	Radical-Polar Crossover for Molecular Remodelling
10.20-10.30	Bhaskar Biswas <i>IL-1</i>	MOFs As Self-Sacrificial Precursors for the Development of Emerging Electrocatalysts Towards a Sustainable Energy Economy
10.30-10.45	G. Padmanabhan <i>Platinum Sponsor (Asian Paints) Lecture</i>	Microstructure of Emulsion Polymers
10.45-11.15	Tea	
SESSION-8	Chair: B. C. Ranu & Tarun K. Mandal	
11.15-11.45	Sankar P. Rath <i>SM-2</i>	Diheme Enzyme MauG: Understanding Nature's Design and Cooperative Catalysis
11.45-11.55	Samit Guha <i>IL-2</i>	De Novo Design and Engineering of Target-Specific Multimodal Imaging Contrast Agents

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11.55-12.05	Harapriya Rath <i>IL-3</i>	Innovation and Advancement in Contracted and Isomeric π -(non)Conjugated Heterocyclic Macrocycles
SESSION-9 Chair: Subrata Ghosh & Satrajit Adhikari		
12.05-12.15	Nanda Dulal Paul <i>IL-4</i>	Stabilizing Organic Radicals via Metal-Ligand Cooperativity for Selective Catalytic Transformations
12.15-12.25	Pranab Sarkar <i>IL-5</i>	Computational Design of an Efficient Photocatalyst for N ₂ Fixation Reaction
12.25-12.35	Swati De <i>IL-6</i>	Modulating Entrapment and Release in Next - Generation Vesicles – Beyond the Traditional Liposomes
12.35-12.45	Mijanur Rahaman Molla <i>IL-7</i>	Multifunctional Dynamic Covalent Poly(disulfide)s by Amine Activated Ring Opening Polymerization of 1,2 Dithiolane in a Cascade Fashion and Organocatalyzed Pendant Modification
SESSION-10		
12.45-13.10	Poster Prize Distribution	
13.10-13.15	38 th CRSI Meeting Venue Announcement by Professor M. Sankar	
13.15-13.25	Concluding remarks by the Secretary CRSI	
13.25-13.30	Vote of thanks by the Convener, CRSI-NSC-37	
Lunch and Departure		

SM-Silver Medal; *BM*-Bronze Medal; *IL*-Invited Lecture