



Thursday 19 November

08:30	Registration, Tea and Coffee
09:15	Welcome and Introductions May Copsey, Editor, <i>Chemical Science</i> S. Ramakrishnan, <i>Chair of the ISACS18 Scientific Committee</i>
	Session 1: Responsive functional materials Session Chair: Dr Subi George, JNCASR, Bangalore
09.30 INV01	PLENARY: Stimuli Responsive Fluorescent Molecular Assemblies <u>Ayyappanpillai Ajayaghosh</u> <i>NIIST Thiruvananthapuram</i>
10:10 001	CONTRIBUTING: Topochemical Azide-Alkyne Cycloaddition (TAAC) reaction for biopolymer mimics <u>Kana Sureshan</u> <i>Indian Institute of Science Education and Research Thiruvananthapuram</i>
10:30 002	CONTRIBUTING: Tetraphenylcyclopentadiene based soluble, fluorescent, porous organic polymers: a potential testbed for gas adsorption and chemosensing <u>Abhijit Patra, Sujoy Bandyopadhyay, Arundhati Deshmukh, Pragyan Pallavi</u> <i>Indian Institute of Science Education and Research Bhopal (IISERB)</i>
10:50	Coffee Break
11:20 INV02	PLENARY: Functional materials: Exploiting dynamic self-assembly at interfaces <u>Oren Scherman</u> <i>University of Cambridge</i>
12:00	Publishing your research in high impact journals May Copsey <i>Editor, Chemical Science</i>
12:30	Flash Poster Session
13:00	Lunch at IISC Main Guest House
14:00	Poster Session Odd numbered posters
15:30 003	CONTRIBUTING: Dynamic covalent gels vs. metal-organic gels <u>Jianyong Zhang</u> <i>Sun Yat-Sen University</i>
15:50 INV03	PLENARY: Active and Adaptive Peptide Nanostructures <u>Rein Ulijn</u> <i>City University of New York</i>
16:30 004	CONTRIBUTING: Polar Self-assembled Molecular Materials <u>David Gonzalez Rodriguez</u> <i>Universidad Autonoma de Madrid</i>
16:50	Coffee Break
	Session 2: Photonic nanostructures Session Chair: Professor P K Das, IISc
17:10 005	CONTRIBUTING: Individual Organic Mesowires Direct Light at Sub-Wavelength Scale <u>G V Pavan Kumar, Ravi Tripathi, Arindam Dasgupta, Rohit Chikkaraddy</u>

	<i>IISER Pune</i>
17:30	Close of Sessions
	Transfers to Hotel and Members reception
19:00	Members Reception at Fairfield Marriott

Friday 20 November

08:00	Registration, Tea and Coffee
	Session 2: Photonic nanostructures Continued Session Chair: Professor P K Das, IISc, Bangalore
09:00 INV04	PLENARY: Engineering Interfaces and Particles through the Assembly of Minerals and Nutrients – From Coatings to Drug Delivery <u>Frank Caruso</u> <i>The University of Melbourne</i>
	Session 3: Molecular machines and mechanically-induced chemistry Session Chair: Dr. May Copsey, Royal Society of Chemistry
09:40 INV10	PLENARY: Macroscopic Self-Assembly and Self-Healing by Molecular Recognition <u>Akira Harada</u> <i>Osaka University</i>
10:20 INV11	PLENARY: Amphidynamic Materials. An Ideal Structural Platform for the Development of Smart Materials and Molecular Machines <u>Miguel Garcia-Garibay</u> <i>University of California-Los Angeles</i>
11:00	Coffee Break
	Session 4: Bio-inspired and bio-relevant supramolecular systems Session Chair: Professor Uday Maitra, IISc
11:30 INV05	PLENARY: Title TBC <u>Eva Marie Harth</u> <i>Harth Research Lab, Vanderbilt University</i>
12:10 O06	CONTRIBUTING: Supramolecular Assembly of Misfolded Proteins into Amyloids: A Nanoscale Biophysical Approach <u>Samrat Mukhopadhyay</u> <i>Indian Institute of Science Education and Research (IISER)</i>
12:30	Flash Poster Session
13:00	Lunch at IISc Main Guest House
14:00	Poster Session Even numbered posters
15:30 INV06	PLENARY: Supramolecular Systems at Work <u>Stefan Matile</u> <i>University of Geneva</i>
16:10 O07	CONTRIBUTING: Controlling macromolecular conformation for the nanoscale transmission of information <u>Bryden Le Bailly</u> , Francis Lister, Jonathan Clayden <i>The University of Manchester</i>
16:30 INV08	PLENARY: Systems Chemistry: Self-synthesizing materials and self-replicators from dynamic combinatorial libraries. <u>Sjibren Otto</u>

	<i>University of Groningen</i>
17:10 O08	CONTRIBUTING: Environmental Change of Charge Transfer (CT) Complex -Materials by Aggregation Control <u>Atsushi Nagai</u> <i>Institute For Molecular Science and University of Texas Southwestern</i>
17:30	Coffee Break
18:00	Chemistry World's Panel Discussion: Building successful industry – academia collaborations <i>Venue: Faculty Hall, IISc</i>
19:00	Dinner at IISC Main Guest House

Saturday 21 November

	Session 4: Bio-inspired and bio-relevant supramolecular systems Continued Session Chair: Professor S Ramakrishnan, IISc
09:00 INV07	PLENARY: Out-of-Equilibrium Biomimetic Systems by Dynamic and Dissipative Self-Assembly <u>J.H. van Esch</u> , R. Eelkema, G. Koper, W. Hendriksen, J. Boekhoven, J. Poolman, A. Olive, M. Lovrak, C. Maity (Delft/NLD) <i>Delft University of Technology</i>
09:40 O09	CONTRIBUTING: Non-natural allosteric catalysts for asymmetric transformations <u>Anton Vidal</u> <i>Institute of Chemical Research of Catalonia (ICIQ)</i>
10:10 INV09	PLENARY: Experimental and computational assessment of insulin fiber formation <u>Sandeep Verma</u> <i>Indian Institute Of Technology</i>
10:50	Coffee Break
	Session 5: Organic electronic materials, including single-molecule devices Session Chair: Professor Peter Skabara, University of Strathclyde
11:20 INV12	PLENARY: Developing conjugated polymers for transistor applications <u>Martin Heeney</u> <i>Imperial College</i>
12:00 O10	CONTRIBUTING: Transformative ferromagnets: Molecules as surface modifier <u>Karthik V. Raman</u> <i>TATA Institute of Fundamental Research</i>
12:20 O11	CONTRIBUTING: Strategies to Reduce the Rate of Charge Recombination <u>Mahesh Hariharan</u> <i>Indian Institute of Science Education and Research Thiruvananthapuram</i>
12:40 INV13	PLENARY: Rectification in Single-Molecule Junctions: Beyond the Aviram-Ratner Diode <u>Latha Venkataraman</u> <i>Columbia University</i>
13:20	Closing Remarks and Poster Prize Awarding
13:30	Lunch at IISC Main Guest House
	Close of Sessions

