Poster No.	Title	Keywords	Name	Institution
1	Unraveling the Mechanism of Action of Antimicrobial Cyclopeptidic Nanotubes		A Agulleiro	University of Santiago de Compostela, Spain
2	Short Peptide-Based Nanotubes Exploit Catalytic Dyads for Enantioselective Covalent Catalysis	Origin of life; Homochirality; Catalysis	Abhishek Singh	IISER Kolkata
3	The use of Fluorophores To Studied Self-Sorting Nanotubes Formed by Cyclic Peptides		Alba M. Torron-Celada	University of Santiago de Compostela, Spain
4	Beyond molecules: when aggregation becomes the norm	Supramolecular Chemistry; Phase Separation; Chemical Reaction Networks	Alex Blokhuis	University of Groningen
5	Engineered enzyme systems for materials and drug delivery applications	Reaction networks; Autocatalysis; Enzymes	Anna Leathard	University of Sheffield
6	Engineered Nanostructured Thin Films For Self-Powered Devices And Functional Coatings	Functional Thin Films; Self-Powered Devices; Layer-by-layer Assembly	Arshdeep Gill	INST
7	Behavior of Constitutional Dynamic Networks: Competition, Selection, Self-sorting in Cryptate Systems	Self-sorting; Complexity; Simplexity	Artem Osypenko	University of Strasbourg
8	Photoregulatory Morphosis in Crowded DNA Protocells		Avik Samanta	University of Mainz and MPI for Polymer Research Mainz
9	Strain Threshold and Reaction-Diffusion Signaling in Hydrogel Actuators for Structural Adaptation		Brigitta Duzs	University of Mainz
10	Microenvironment dictates properties of chemically fueled assemblies	Chemical-fueled assemblies; Catalysis; Microenvironment	Brigitte Kriebisch	Technical University of Munich

11	Dual Enzyme-powered Chemotactic Cross β Amyloid based Functional Nanomotors		Chandranath Ghosh	IISER Kolkata
12	Anisotropic compartmentalization of liquid-liquid interface using dynamic imine chemistry	Compartmentalization; Liquid-liquid interface; Polyethylenimine	Chinmayee Agashe	INST Mohali
13	Template-based copying in chemically-fueled dynamic combinatorial libraries	Dynamic Combinatorial Library; Templation; Coacervates	Christine Kriebisch	Technical University of Munich
14	Mechano-Activated Self-Immolation of Hydrogels via Signal Amplification	Hydrogels; Mechanochemistry; Chemical Reaction Networks	Claudius Lupfer	University of Mainz
15	Differential Copper-guided architectures of amyloid β peptidomimetics modulate oxidation states and catalysis		Debasis Ghosh	JNCASR, Bangalore
16	Enzyme-substrate affinity for spatial control	Nanoparticle assembly; Enzyme-substrate interaction; Micro/macro scale patterning	Ekta Shandilya	IISER Mohali
17	Water-assisted Self-assembly and Homochiral Self-sorting of Pseudopeptidic Dynamic Covalent Macrobicycles	Dynamic Covalent Chemistry; Macrobicycles; Chiral self-sorting	Ferran Esteve	University of Strasbourg
18	Responsive Janus Emulsions to Pathogen Sensors	Complex emulsions; Liquid optics; Pathogen Sensing	Frank Bradley	Max Planck Institute Colloids Interfaces
19	Deformation, splitting and merging of coacervates under electric fields	Coacervates; Electric fields; Flow control	Hai Dang Le	University of Strasbourg
20	Reactive Supramolecular Templates Enable the Fuel-driven Formation of Transient Conductive Hydrophilic Conduits in Water		Ifigeneia Tsironi Jarek Maleszka	University of Miami
21	Autocatalytic Flow Chemistry	Bistability; Oscillations; Laminar flow	István Szalai	Eötvös L. University

22	Spontaneous and selective peptide oligomerisation in water driven by phase changes	Selective peptide oligomerisation; Phase changes; Peptides self assembly	Kun Dai	LivMats, University of Freiburg
23	Excitonic transport in complex molecular networks: Evolution of optimization laws in the presence of an environment	Excitonic transport; Open quantum systems; Light-harvesting complexes	Lucie Pepe	University of Strasbourg
24	Designing A Transient Synthetic Minimal Esterase	Self-Assembly; Lipopeptides; Autocatalysis	Luis Calahorra	IMDEA Nanoscience / IQOG (CSIC)
25	Controlling and Localizing The Self-Assembly of Pseudo-isocyanine Iodide Through Stimuli-Responsive Peptide Based Coacervates	Coacervates; Supramolecular polymers; Membraneless organelles	Malak Jaber	University of Strasbourg
26	pH fueled nanozyme mimicking multi-enzymatic activities		Manju Solra	Indian Institute of Science, Bangalore
27	Peptide-modified Platinum Nanocages for Tumor Targeting		Manuel Perez-Perez	University of Santiago de Compostela, Spain
28	Z/E-Photoisomerization To Control the Assembly of Cyclic Peptide Nanotubes		Marcos Vilela-Picos	University of Santiago de Compostela, Spain
29	Buoyancy-driven Microgel oscillator: beating and bouncing dynamics		P.S. Patwal	Indian Institute of Technology, Roorkee
30	Design of pH-sensitive and ratiometric sensors for biological applications		Patricia Fulias Guzman	University of Santiago de Compostela, Spain
31	Insights into the Enzyme Induced Spatiotemporal Dynamics of Self Assembled Motifs	Spatiotemporal; Enzyme; Dynamic self-assembly	Priyanka	IISER Mohali
32	Sculpting Droplets Using Metal-Phenolic Network at Liquid-Liquid Interface	Interface; Jamming; Complexation	Reek Mahapatra	INST Mohali

33	Interplay between the anti-anti and syn-anti conformation of thiourea for ON-OFF catalysis	Molecular Switch; Catalysis; Thiourea	Renitta Benny	IISER Thiruvananthapuram
34	Spatiotemporal pH and Catalytic Response of a Nanoparticle Surface in a Dynamically Changing Biocatalytic Environment	Multivalent Interaction; Self-assembly; Biocatalysis	Rishi Ram Mahato	IISER Mohali
35	Minimal Catalytic Assemblies Promote Oscillation in Closed System		Sangam Jha	IISER Kolkata
36	Biomolecular Chemotaxis in gradient of metal ions	Chemotaxis; Microfluidics; Diffusiophoresis	Shikha	IISER Mohali
37	Catalysis-driven dissipative self-assembly	Chemical reaction cycle; Dissipative self-assembly; Non-equilibrium systems	Shuntaro Amano	University of Strasbourg
38	Control over Dethreading Kinetics Allows Evaluating the Entropy Stored in an Interlocked Molecular Machine Out-of-Equilibrium	Molecular machines; Non-equilibrium; Calorimetry	Simone Di Noja	University of Strasbourg
39	Cross β Amyloid Nanotubes Demonstrate Promiscuous Catalysis in a Chemical Reaction Network via Co-option		Soumili Roy	IISER Kolkata
40	Supramolecular Depolymerization In The Mixture Of Two Poor Solvents: Mechanistic Insights And Modulation Of Supramolecular Polymerization Of Ionic Perylene Diimides	Supramolecular polymers; Solvent effects; Molecular dynamics	Srinu Kotha	Indian Institute of Technology Hyderabad
41	Modulating the Expression of Chemical Reaction Networks: Adaptation in Constitutional Dynamic Networks of Imines to Micellar Compartmentalization	Compartmentalization; Network; Adaptation	Tanguy Rieu	University of Strasbourg
42	Reaction-Diffusion Model for Anomalous Diffusion in Biomolecular Condensates	Reaction-diffusion; DNA nanoscience;	Weixiang Chen	University of Mainz
43	An artificial peptide for targeting mitochondria		Yeray Folgar-Camean	University of Santiago de Compostela, Spain

44	Generating Higher-Order Complexity with Self-Sorted Polyimine Macrocycles and Cages	Dynamic Covalent Chemistry; Self-sorting; Constitutional Dynamics	Zhaozheng Yang	University of Strasbourg
45	A molecular signal processor		Vedang A. Puranik	Darthmouth College
46	Chemically fueled self-sorting hydrogels		Alvaro Lopez-Acosta	University of Strasbourg
47	Dual light control in a catalytically-driven chemical reaction cycle		Jorge S. Valera	University of Strasbourg