

Day 1		
11:00	Registration	4305
11:40	Welcome: Introductory Talk	4305
Session 1 Nuclei Acid Assemblies chaired by Davide Michieletto		
12:00	Omar Saleh Diverse and entangled DNA droplets Plenary	4305
12:40	Kasturi Barkataki Novel topological measures of multi-chain complexity in biopolymers Selected Talk	4305
13:00	Break Lunch	Magnet Cafe
14:00	Yair Augusto Gutiérrez Fosado Topological viscoelasticity: when DNA nanostars and amorphous materials form loopy networks Plenary	
14:40	Oliver Henrich oxDNA3 – Introducing Sequence-Specific Curvature and Elasticity into a Coarse-Grained DNA Model Selected Talk	4305
15:00	Break Coffee	4305
15:40	Lorenzo Di Michiele Genetically encoded designer RNA condensates and organelles Plenary	4305
16:20	Thomas Williamson Quantifying the Mechanical Properties of Biomolecular Condensates Selected Talk	
16:40	Poster Session	4305

Day 2		
09:00	Welcome	4305
Session 2 Gels chaired by Yair Augusto Gutiérrez Fosado		
09:40	Elisha Krieg Assembling a true Olympic Gel from >16,000 combinatorial DNA ring Plenary	4305
10:20	Jordi Faraudo Engineered hydrogels for cancer immunotherapy: a theoretical/computational perspective	4305
10:40	Michael Lang Olympic gels: a model system for understanding permanent entanglements Plenary	4305
11:20	Break Coffee	4305
Session 3 Biomimetic Materials chaired by Willem Vanderlinden		
12:00	Rebecca Schulman Biomolecular Fields Plenary	4305
12:40	Tom Girard Stress localization in biomimetic prototissues Selected Talk	4305
13:00	Break Lunch	Magnet Cafe
14:00	Tyler Shendruk Dynamics of Polymers in Active Nematic Flows Plenary	4305
14:40	Diego Lopez Barreiro Bio-inspired materials based on chimeric structural proteins Selected Talk	4305
15:00	Frederik Schaufelberger Metal Chelate Rotaxanes for Biosensing and Therapeutics Plenary	4305
15:40	Break Coffee	4305
16:20	Susana Rocha Seeing is believing: microscopic techniques to uncover cell-matrix interactions in biomimetic hydrogels	4305
19:00	Conference Dinner at Hotel DuVin	

Day3		
10:00	Welcome	4305
Session 4 Dynamic Assemblies chaired by Filippo Conforto		
10:30	Maitane Muñoz Basagoiti Bottom-up design of artificial machines with programmable matter: Catalysis and Treadmilling Plenary	4305
11:10	Manish S Kushwah Deciphering Dynamin Polymerisation Mechanism and Regulation using Mass Photometry enabled Single-Molecule-Counting and Particle-Tracking Selected Talk	4305
11:30	Break Coffee	4305
11:50	Dwaipayan Chakrabarti Colloidal Advanced Materials: Building Them Like Biology Plenary	4305
12:30	Break Lunch	Magnet Cafe
14:00	Erica Del Grosso Responsive DNA supramolecular structures Plenary	4305
14:40	Panel Session	4305
16:00	Closing	4305