Poster Session 1

P1.1 Probing Interactions at the Interface between Nucleic Acid Nanostructures and Lipid Membranes
Sofia Benedetti, University of Cambridge

P1.2 Liposomes in non-aqueous polar solvents
Ella Y L Ho, ISIS Neutron And Muon Source

P1.3 Ion conduction in single-walled carbon nanotubes
Dmitry Luchinsky, Lancaster University

P1.4 Emergent Motility of Self-Organized Particle-Giant Unilamellar Vesicle Assembly
Selcan Karaz Han, Max Planck Institute for Intelligent Systems

P1.5 BioPISA-Engineered Hierarchical Artificial Cells for Chemical-to-Biological Signaling
Gizem Cantörü, Technical University of Darmstadt

P1.6 Lipid bilayer interactions with a type II collagen-binding peptide suppress its targeting ability
Paramita Manna, Weizmann Institute of Science

P1.7 Understanding how curvature-sensing peptides capture extracellular vesicles via Gaussian molecular dynamics: the bradykinin case
Lakshmi Kumar Kunche, La Sapienza University of Rome

Poster Session 2

P2.1 Tunable phase behavior in synthetic cell membranes using modified emulsion phase transfer technique
Bashayr Khalifah, University of Cambridge

P2.2 ATP-responsive membraneless compartments in synthetic cells
Juliette Bucci, Department of Chemical Engineering and Biotechnology

P2.3 Polymer Brush-Templated Assembly of a Lipid Bilayer Network
Vahid Nasirimarekani, Max Planck Institute for Dynamics and Self-organization

P2.4 Coupling synthetic cell division and DNA segregation
Nastasja Kaletta, Max Planck Institute of Biochemistry

P2.5 Expressing Membrane-Less RNA Organelles in Lipid-Based Synthetic Cells
Akthar Hussain Mougamadou Soultane, University of Cambridge

P2.6 Elastohydrodynamic control of lipid membrane coarsening
Aditya Jha, Cavendish Laboratory, University of Cambridge

P2.7 Exploring DNA Linkers for Biomimetic Cell Adhesion of Red Blood Cells
Sebastian W. Krauss, Department of Chemical Engineering and Biotechnology, University of Cambridge