

## ISP2021-Program Schedule

Date	Time	Content	Location
<b>20 June</b>	09:00-22:00	Registration	Business School 4 <sup>th</sup> Hall
<b>21 June</b>	09:00-09:40	Opening Ceremony	Business School Room 406
	09:40-11:40	Academic Reports	
	11:40-13:30	Lunch	
	13:30-18:00	Academic Reports (A)	Business School Room 401
Academic Reports (B)		Building 16 Room 108	
<b>22 June</b>	09:00-12:00	Academic Reports (A)	Business School Room 401
		Academic Reports (B)	Building 16 Room 108
	12:00-14:00	Lunch	
	14:00-15:20	Academic Reports	Business School Room 401
	15:20-16:00	Closing Ceremony	

## ISP2021-Program Schedule

21 June, Business School, Room 406				
Date	Time	Speaker	Report Title	Chair
<b>21 June Morning</b>	09:00-09:40	Opening Ceremony		Xuhong Guo
	09:40-10:20	P-Kazunori Kataoka (University of Tokyo)	Polyion Complex Micelles and Vesicles in Nanomedicine Applications	
	10:20-10:40	Coffee Break		
	10:40-11:10	K-Shuangliang Zhao (East China University of Science and Technology)	Mechanochemical Cellular Membrane Internalization of Nanohydrogels by Large-Scale Mesoscopic Simulation	Xuhong Guo
	11:10-11:40	P-Matthew Tirrell (University of Chicago)	Polyelectrolyte Complex Micelles Structure and Function	
<b>11:40-13:30 Lunch</b>				

22 June, Business School, Room 401				
Date	Time	Speaker	Report Title	Chair
<b>22 June Afternoon</b>	14:00-14:40	P-Gong Jianping (Hokkaido University)	Dynamic Hydrogels	Junyou Wang
	14:40-15:20	P-Matthias Ballauff (Freie Universitaet Berlin)	Interaction of Polyelectrolytes with Proteins	
	15:20-16:00	Closing Ceremony		

21 June, Business School, Room 401 (A)					
Date	Time	Speaker	Report Title	Chair	
21 June Afternoon	13:30-14:00	K-Shuguang Yang (Donghua University)	Polymer Complex Fiber, Mechanical Transition and Actuation	Dehai Liang	
	14:00-14:30	K-Bing Miao (Institute of Chemistry, Chinese Academy of Sciences)	Phase Separations in Polyelectrolyte Systems		
	14:30-14:50	O-Pengfei Zhang (Donghua University)	Interfacial Structure and Interfacial Tension of Polyelectrolyte Complex Coacervates		
	14:50-15:10	O-Jian Jiang (Institute of Chemistry, Chinese Academy of Sciences)	Polyelectrolyte density functional theory based on charge shell model		
	15:10-15:30	O-Kaimin Chen (Shanghai University of Engineering Science)	Design, synthesis and application of functional polymer brushes		
	15:30-15:50	Coffee Break			
	15:50-16:20	K-Dehai Liang (Peking University)	Non-equilibrium Protocells based on Complex Coacervates	Bing Miao	
	16:20-16:50	K-Yan Li (Cell Press)	Publishing in Cell Press Physical Science Journals		
	16:50-17:10	O-Guang Chen (Nanjing University of Science and Technology)	Influence of Salt on the Viscosity of Polyelectrolyte Solutions		
	17:10-17:30	O- Xu Chen (Peking University)	Multiphase Coacervates Driven by Electrostatic Correlations		
17:30-18:00	Poster Section				

21 June, Building 16, Room 108 (B)					
Date	Time	Speaker	Report Title	Chair	
21 June Afternoon	13:30-14:00	K-Yuejun Zhang (Nanjing University of Science and Technology)	Research progress on synthesis of cationic polyquaternary ammonium salt and its application	Baoyu Gao	
	14:00-14:30	K-Yujun Feng (Sichuan University)	Net Contribution of Hydrophobic Association to the Thickening Power of Hydrophobically Modified Polyelectrolytes		
	14:30-14:50	O-Xu Jia (Nanjing University of Science and Technology)	Effect of Substituents on the Homopolymerization Activity of Diallyl Ammonium Chloride and the Application Performances of Their Polymers		
	14:50-15:10	O-Hongyao Yin (Sichuan University)	Oppositely charged polyelectrolyte complexes for high-salinity hydrofracking fluid		
	15:10-15:30	O-Xiao Gao (Nanjing University of Science and Technology)	The Morphology Transition Phenomenon in Nafion thin film/ Platinum Interface		
	15:30-15:50	Coffee break			
	15:50-16:20	K-Baoyu Gao (Shandong University)	Study on the structure-activity relationship and flocculation mechanism of novel paper mill sludge-based flocculants for the treatment of dyestuff wastewater	Yujun Feng	
	16:20-16:50	K-Xiaoxiao Li (Institute of Solid State Physics)	The Physicochemical Characterization and Flocculation Performance of PAC/PMAPTAC Composite Flocculants		
	16:50-17:10	O-Xiao Xu (Nanjing University of Science and Technology)	Hydrophobic and electrostatic interactions in the adsorption of copolymers in the vimentin protein: Molecular dynamic simulations and Bio-Layer Interferometry experiments		
	17:10-17:30	O-Tingting Chen (Nanjing University of Science and Technology)	Effect of Inorganic Salts on the Apparent Viscosity of P(DAC- AM)		
17:30-18:00	Poster Section				

22 June, Business School, Room 401 (A)					
Date	Time	Speaker	Report Title	Chair	
<b>22 June Morning</b>	09:00-09:30	K-Xin Jia (Shihezi University)	Functional materials based on polyphenol chemistry: from coating to bulk materials	Yisheng Xu	
	09:30-10:00	K-Muxian Shen (Wily Press)	Publishing in Wily Press		
	10:00-10:20	O-Xiaofei Xu (East China University of Science and Technology)	Thermodynamics and Phase Behaviour of Polyelectrolyte Solutions		
	10:20-10:40	Coffee Break			
	10:40-11:10	K-Yisheng Xu (East China University of Science and Technology)	Nanoparticles fabrication through Flash nano-precipitation for drug delivery	Xin Jia	
	11:10-11:30	O-Qingwen Bai (Peking University)	Morphology and dynamics of coexisting phases in coacervate solely controlled by crowded environment		
	11:30-11:50	O-Liheng Dai (East China University of Science and Technology)	Ultrafast Water Transport in Two-Dimensional Channels Enabled by Spherical Polyelectrolyte Brushes with Controllable Flexibility		

22 June, Building 16, Room 108 (B)					
Date	Time	Speaker	Report Title	Chair	
	09:00-09:20	O-Ying Cai (East China University of Science and Technology)	Polyelectrolyte Nanogels for Enzymes Encapsulation and Activation	Hongyao Yin	
	09:20-09:40	O- Shiwei Li (Sichuan University)	Enhancing oil recovery from high-temperature and high-salinity reservoirs with smart thermoviscosifying polymers		
	09:40-10:00	O-Shengyu Bai (East China University of Science and Technology)	Chemical reaction powered transient polymer hydrogels for controlled formation and free release of pharmaceutical crystals		
	10:00-10:20	Coffee Break			
	10:20-10:40	O-Xinjie Luo (Sichuan University)	Thermo and CO <sub>2</sub> synergetic-thickening polyelectrolytes for enhanced oil recovery	Xiao Xu	
	10:40-11:00	O-Yongji Wang (Nanjing University of Science and Technology)	Study on Synthesis and thermal stability of PMAPTAC polymers with different intrinsic viscosity		
	11:00-11:20	O-Wenting Fan (East China University of Science and Technology)	Continuous preparation of dual-mode luminescent LaPO <sub>4</sub> :Tb <sup>3+</sup> , Yb <sup>3+</sup> nanoparticles by reactive flash nanoprecipitation		
	11:40-12:00	Poster Section			