

Technical Program

8:30 - 8:55	Registration and Coffee	
8:55 - 9:00	Chairman's address	
	Session I	
9:00 - 9:15	M Rajasekharan	The Structure, Dynamics and Relaxation of Water Confined in Graphene Oxide Slit Pores
9:15 - 9:30	Sushant Kumar	Paper Based Non-Enzymatic Glucose Sensor
9:30 - 9:45	Peter Dsouza	Origin of secondary flows in Sheared Granular Materials
9:45 - 10:00	Anil Chilmula	Water Gas Shift Reaction Over Ionic Substituted Manganese Oxide Catalysts
10:00 - 11:30	Coffee and Poster Session I	
	Session II	
11:30 - 12:15	Faculty lecture by Dr. Banani Chakraborty	Origami based functional DNA nanotechnology and bio sensing through DNA aptamers
12:15 - 12:30	Jatin Panwar	Fusible alloy microelectrodes integrated microfluidic impedance cytometry for cell-in-droplet quantification
12:30 - 12:45	Dharitri Rath	Imbibition and partial saturation in paper-based microfluidic devices
12:45 - 2:00	Lunch & Photo Session	
	Session III	
2:00 - 2:15	Saurabh Umrao	Protein-induced fluorescence enhancement as aptamer sensing mechanism for thrombin detection
2:15 - 2:30	Sita Kalyani	A simulation study of Homogeneous Nucleation of molecular solids
2:30 - 2:45	Rubesh Raja	Mathematical Model unravels the orchestration of lasting viremic control upon early bNAb therapy in SHIV infection
2:45 - 3:00	Amar Garg	Stochastic simulations of affinity maturation in germinal centers suggest optimal passive immunization protocols
3:00 - 4:30	Coffee and Poster Session II	
	Session IV	
4:30 - 4:45	Amanuel Gebrekrstos	Process mediated polymorphism, crystallographic texture and structure-property correlation in crystalline/amorphous blends
4:45 - 5:00	Disha Jain	Steam Methane Reforming over Cobalt Titanates
5:00 - 5:15	Amit Behera	Molecular Dynamics Simulations reveal the role of membrane cholesterol during pore forming pathway of Cytolysin A
5:15 - 5:30	Abhishek Ranade	Coffee Powder aided Uniform Palladium Deposition on Silver Nanowires
5:30 - 5:45	Prizes and vote of thanks	
5:45 onwards	High Tea	