

Interpore-PMPM UK Chapter Kick-off Meeting

9:15	9:25	Reception	
9:25	9:30	opening	
9:30	10:05	Keynote Speaker: Prof. dr. Oleg Iliev (Fraunhofer Institute for Industrial Mathematics ITWM)	TBA
10:05	10:25	Dr. Cathy Hollis (University of Manchester)	Pore systems in carbonate rocks
10:25	10:45	Dr. Matteo Icardi (University of Warwick)	On the predictivity of pore-scale simulations
10:45	11:05	Dr. Tannaz Pak (Teesside University)	Pore-scale investigation of fluid transport in heterogeneous carbonate media using X-ray computed micro-tomography and pore-network modelling techniques
11:05	11:20	Break	
11:20	11:40	Dr. Vahid J Niasar (University of Manchester)	Wettability across scales
11:40	12:00	Dr. Diganta Das (Loughborough University)	Permeability enhancement for transdermal delivery of large molecule using low frequency sonophoresis combined with microneedles
12:00	12:20	Dr. Majid Sedghi (University of Manchester)	Microstructure and porosity evolution in compacted swelling clays
12:20	12:50	microTalks: U. Santisukkasaem (Loughborough University) TzuChieh Chao (Loughborough University) Shuai Wang (Loughborough University) Salim Goudarzi (Durham University) Kazeem Rabiu (Loughborough University) Jack S. Hardwick(Durham University)	-Predicting Permeability Losses in Zero-valent Iron Permeable Reactive Barrier for Remediation of Contaminated Groundwater; U. Santisukkasaem -Spreading of blood over porous substrate: Dried blood spots sampling TzuChieh Chao -Estimating glucose diffusivities in electrospun fibers using diffusion cell experiments and image processing; Shuai Wang -Numerical simulation of Enhanced Gas Recovery (EGR) by CO ₂ injection into very low-pressure partially-depleted gas reservoirs; Salim Goudarzi -Geo-electrical Characterisation in the Context of Geological Carbon Sequestration; Kazeem Rabiu -Simulating hydrate migration in shallow marine sediments; J. S. Hardwick
12:50	14:00	Lunch	
14:00	14:50	InterPore Steering Committee	Introducing the committee, highlighting the mission of InterPore UK Chapter, Discussion on how to improve collaboration between industry and academia
14:50	15:10	Dr. Nima Shokri (University of Manchester)	Dynamics of evaporation from porous media
15:10	15:30	Dr. Florian Doster (Heriot-Watt University)	Multi-scale multi-physics modelling of flow phenomena in porous media.
15:30	15:45	Break	
15:45	16:05	Dr. Zhou Yingfang (Imperial College London)	Quantify the viscous crossflow and its effects on tertiary polymer flooding process in heterogeneity reservoirs
16:05	16:25	Dr. Ahmed ElSheikh (Heriot-Watt University)	Uncertainty quantification in subsurface reservoirs
16:25	16:45	Dr. Wang Yu (University of Salford)	The heat transfer performance of geothermal heat exchangers under the situation of groundwater seepage
16:45	16:55	Closing	
August 25th - Room F1 in Renold Building organizer: Vahid J Niasar (vahid.niasar@manchester.ac.uk)			