

Conference Programme

08:30 – 10:00	Registration /Posters setup (Ground Floor, Lecture Theatre Building)	
	Opening Session (LT F) <i>Chair: Dr. Shanning Dong</i>	
10:00 – 10:05	Welcome speech , Dr. Tao Chen, University of Surrey	
10:05 – 10:15	Chinese Embassy speech	
10:15 – 10:25	SCI speech , Prof. Joseph Sweeney, University of Huddersfield	
10:25 – 10:30	Photography	
	Plenary Session (LT F) <i>Chair: Prof. Charley Wu</i>	
10:30 – 11:00	P1: Global science & technology: we're all in this together! <i>Prof. Jonathan Seville, University of Surrey</i>	
11:00 – 11:30	P2: Design and economic/environmental assessment of bio-refining supply chains <i>Dr. Franjo Cecelja, University of Surrey</i>	
11:30 – 11:45	Presentation of Yangtze Delta Region Institute of Tsinghua University	
11:45 – 12:00	Coffee Break	
	Session 1A (LT F) <i>Chair: Dr. Shoufeng Yang</i>	Session 1B (LT L) <i>Chair: Dr. Qiong Cai</i>
12:00 – 12:25	K1: Intracellular trehalose delivery for manufacturing of cellular products <i>Rongjun Chen, Imperial College London</i>	K2: Producing energy from biomass: an ecosystems perspective <i>Aidong Yang, University of Oxford</i>
12:25 – 12:45	O1: Magnetoresistance and doping effects in conjugated polymer-based organic light emitting diodes <i>Hang Gu, Queen Mary, University of London</i>	O2: Economic calculator for small scale anaerobic digestion processes <i>Anthony Wu, University of Surrey</i>
12:45 – 13:05	O3: Synthesis of bundled tungsten oxide nanostructures with chromic property <i>Kunyapat Thummavichai, University of Exeter</i>	O4: Design of bopharmaceutical manufacturing processes using mixed integer optimisation <i>Songsong Liu, University College London</i>
13:05 – 14:00	Lunch and Poster Presentations	

** : LT: Lecture Theatre

	Session 2A (LT F) <i>Chair: Dr. Jiawei Wang</i>	Session 2B (LT L) <i>Chair: Dr. Tao Chen</i>
14:00 – 14:25	K3: Platform chemical production from lignocellulosic raw materials via novel biorefining strategy <i>Chenyu Du, University of Nottingham</i>	K4: N-doped porous materials derived from direct carbonization of zeolitic imidazolate framework for enhanced carbon dioxide uptake <i>Yongde Xia, University of Exeter</i>
14:25 – 14:45	O5: Three-dimensional structure investigation analysis and percolation properties simulation of a barrier anticorrosive marine coating <i>Bo Chen, University College London</i>	O6: The creation of graphene-polyaniline nanocomposites for supercapacitor applications <i>Sakineh Chabi, University of Exeter</i>
14:45 – 15:05	O7: New process to produce Carbon nanotube and graphene (GNT)-Ceramic nanocomposites with improved mechanical properties <i>Bahareh Yazdani, University of Exeter</i>	O8: Modeling the 3D microstructure of porous composite materials for applications in electrochemical energy conversion devices <i>Qiong Cai, University of Surrey</i>
15:05 – 15:25	O9: Meta-model development for a complex computational fluid dynamics simulation <i>Ohumayowa Kajero, University of Surrey</i>	O10: 3D printing of fine bioceramic lattice structures <i>Mohammad Vaezi, University of Southampton</i>
15:25 – 15:40	Coffee Break	
	Session 3A (LT F) <i>Chair: Dr. Rongjun Chen</i>	Session 3B (LT L) <i>Chair: Dr. Chenyu Du</i>
15:40 – 16:05	K5: Materials from waste marine biomas <i>Jiawei Wang, Aston University</i>	K6: Application of the ambient temperature aqueous phase sulfur recovery (ATAPSR) to claus tail gas treatment <i>Tiancun Xiao, University of Oxford</i>
16:05 – 16:25	O11: A cost-effective approach to the synthesis of zeolitic imidazolate framework-8 (ZIF-8) materials and anion effect on its formation <i>Binling Chen, University of Exeter</i>	O12: Plasmonic enhancement in photoelectrochemical solar energy conversion <i>Xu Wu, Imperial College London</i>
16:25 – 16:45	O13: A general method to synthesize nano-carbon coated nanoparticles in large scale <i>Nannan Wang, University of Exeter</i>	O14, Nanoparticle transport for subsurface applications <i>Zhongliang Hu, University of Leeds</i>
16:45 – 16:55	Best Presentation Awards (LT F) <i>Dr. Kenneth Chung, Phillips & Leigh</i>	
16:55 – 17:00	Closing Session (LT F)	