HSP50

UNIVERSITY of York

		Time	Speaker	Affiliation	Country	Title
Wednesday 5 April		9:00	Prof Steven Abbott	TCNF	UK	Optional (free) expert level tutorial on HSP & HSPiP
		12:00	Welcome and light lunch			
	Foundations	0:10–13:00	Prof Steven Abbott	TCNF	UK	Welcome to HSP50
		0:20–13:10	Dr Charles Hansen	Charles Hansen Consulting	Denmark	A brief history of HSP
		0:45–13:30	Dr Hiroshi Yamamoto		Japan	New directions in HSP Part 1: Splitting δD
		0:45–14:15	Dr Seishi Shimizu	U York	UK	HSP in the context of molecular thermodynamics
		0:30–15:00	Break			
		0:30–15:30	Dr Hiroshi Yamamoto		Japan	New directions in HSP Part 2: Donor/Acceptor and δNet
		0:40–16:00	Dr Jean-Marie Aubry	U Lille	France	A “top-down” in silico approach for designing ad hoc bio-based solvents: application to glycerol-derived solvents of nitrocellulose
		0:25–16:40	Prof Andreas Klamt	COSMOlogic	Germany	The wider application range of COSMO-RS
		17:05	Networking Reception with posters, drinks, light meal			
Thursday 6 April	Green Chemistry	0:40–9:00	Prof James Clark	U York	UK	Green chemistry and HSP
		0:25–9:40	Peter Fisk	Peter Fisk Associates	UK	Examination of the relevance of Hansen Solubility Parameters to prediction of environmental hazards
		0:25–10:05	Stefan Lawrenson	U York	UK	HSPiP for Greener Solid Phase Organic Synthesis (SPOS)
		0:30–10:30	Break			
		0:40–11:00	Prof Daniel Schmidt	U Mass Lowell	USA	Sustainable reformulation using HSP
		0:25–11:40	Prof Steven Abbott	TCNF	UK	Protective barriers designed using HSP
		0:25–12:05	Diego Tirado	Universidad Complutense de Madrid	Spain	Application of the Hansen solubility theory for the selection of co-solvents for supercritical carbon dioxide extraction
		12:30	Lunch			
	Nano/Bio	0:40–13:45	Stefan Langner	U Erlangen-Nuremberg		HSP for smart formulations of organic electronics
		0:25–14:25	Dr Andrew Slark	Henkel Adhesive Technologies	UK	Controlling dye delivery in electronic imaging via dye-polymer interactions
		0:25–14:50	Dr Martin Andersson	1SP technical Research Institute of Sweden	Sweden	Prediction of eye-irritation with HSPiP and via elongation of polymer threads
		0:30–15:15				
		0:25–15:45	Prof Martin Garnett	U Nottingham	UK	Lack of correlation of polymer-drug dispersion stability with Hildebrand or Hansen solubility parameters
		0:25–16:10	Dr Robert Gibson	3M Purification Validation Laboratory	Belgium	The application of Hansen solubility parameters to aspects of pharmaceutical process validation
		0:25–16:35	Dr Tim Svenstrup Poulsen	Herlev Hospital	Denmark	HSP Guidance has led to the rapid and controlled dissolving and reannealing of DNA used for cancer testing
		0:25–17:00	Prof Amos Ophir	Shenkar College	Israel	Thermodynamic Design for Controlled Release of Antimicrobial Essential Oils in Multiphase Thermoplastic Hybrids Active Packaging Film
		17:25	End			
		19:00	Grand Conference Dinner at National Railway Museum			
Friday 7 April	Measurements	0:55–9:00	Sander van Loon & Bart Wuytens	VLCI & AgfaLabs	Netherlands & Belgium	Measurement of HSP as a commercial service
		0:25–9:55	Prof Dietmar Lerche	LUM GmbH	Germany	High-efficient and automatic determination of Hansen Solubility (dispersibility) Parameters of micro-, nano-particles and quantum dots by instrumental in-situ visualization and quantification of sedimentation behavior under normal or high gravity
		0:25–10:20	Dr Eric Brendlé	Adscientis	France	Recent advances in IGC measurement of HSP
		0:30–10:45	Break			
		0:25–11:15	Prof Adam Voelkel	Poznań University of Technology	Poland	Hansen Solubility Parameters in Chromatographic Sciences
		0:25–11:40	Dr Katarzyna Adamska	Poznań University of Technology	Poland	HSP for biomedical polymers - application of inverse gas chromatography
		0:25–12:05	Dr Anett Kondor	Surface Measurement Systems	UK	Determination of Hansen Solubility Parameters using Inverse Gas Chromatography
		0:30–12:30	Discussion session			HSP - future directions and challenges
		13:00	End			