

Oral Programme

Sunday 8 th May 2011	
17:00-17:15	Welcome and opening <i>Grand Ballroom</i>
	Session Chair: J. Eastoe <i>Grand Ballroom</i>
17:15-18:15	[K01] Colloid chemistry foundation of nanocatalysis. The molecular view G.A. Somorjai, <i>University of California, USA</i>
18:30-20:00	Welcome Reception and Poster Session 1 <i>Conference Foyer/St John's Room /Volmer Room</i>
Monday 9 th May 2011	
08:45 – 09:00	Opening <i>Grand Ballroom</i>
	Session Chair: D. Wasan <i>Grand Ballroom</i>
09:00-10:00	[K02] Design of surfactants for use in carbon dioxide: Old challenges & new ones E.J. Beckman, <i>University of Pittsburgh, USA</i>
10:00-10:30	[O01] Colloidal processing of composite ion-exchange membranes for desalination by electro dialysis C. Klaysom, B. Ladewig, L. Wang, G.Q. Lu*, <i>The University of Queensland, Australia</i>
10:30-11:00	Refreshment break <i>Conference Foyer/St John's Room /Volmer Room</i>
	Session Chair: A. Lopez-Qunitela <i>Grand Ballroom</i>
11:00-12:00	[K03] Janus colloids S. Granick, <i>University of Illinois, Urbana, USA</i>
12:00-12:30	[O02] Shaping liquid on tunable microwrinkles T. Ohzono, <i>AIST, Japan</i>
12:30-13:00	[O03] Charge-driven bridging of particles and micelles by triblock copolymers M. Lemmers*, J. van der Gucht, M.A. Cohen Stuart, <i>Wageningen University, the Netherlands</i>
13:00-14:30	Lunch <i>The Winter Garden</i>
	Session Chair: M. Lu <i>Grand Ballroom</i>
14:30-15:30	[K04] Structure, rheology, and network formation in wormlike micelle-nanoparticle mixtures M.E. Helegson ¹ , N.J. Wagner ² , E.W. Kaler* ³ , ¹ MIT, USA, ² University of Delaware, USA, ³ Stony Brook University, USA
15:30-16:00	[O04] Colloidal dispersions of amphiphile self-assembly materials in protic ionic liquids C.J. Drummond* ¹ , T.L. Greaves ¹ , D.F. Kennedy ¹ , C. Fong ¹ , A. Weerawardena ¹ , N. Kirby ² , ¹ CSIRO Materials Science and Engineering, Australia, ² Australian Synchrotron, Australia
16:00-16:30	Refreshment break <i>Conference Foyer/St John's Room /Volmer Room</i>
	Session Chair: D. Zhao <i>Grand Ballroom</i>
16:30-17:30	[K05] Order and disorder in nanoscale materials B. Chmelka*, S. Cadars, B. Smith, R. Shayib, <i>University of California, Santa Barbara, USA</i>
17:30-18:00	[O05] Vertically aligned graphene layer arrays through colloidal supramolecular assembly of chromonic liquid crystal precursors F. Guo, A. Mukhopadhyay, B.W. Sheldon, R.H. Hurt*, <i>Brown University, USA</i>
18:00-18:30	[O06] Multifunctional nanogels as building blocks for complex materials A. Pich*, S. Berger, D. Kehren, R. Schröder, <i>RWTH Aachen University, Germany</i>
18:30-20:00	Poster Session 2 <i>Conference Foyer/St John's Room /Volmer Room</i>

Tuesday 10th May 2011	
08:45 – 09:00	Opening <i>Grand Ballroom</i>
	Session Chair: E. Kaler <i>Grand Ballroom</i>
09:00-10:00	[K06] Biomarkers & nanotechnology: New approaches to preventative, personalised and "at home" medicine M. Trau, <i>University of Queensland, Australia</i>
10:00-10:30	[O07] Glucose-responsive microgels for sensing and insulin delivery C. Ancla ¹ , L. Messenger ¹ , V. Lapeyre ¹ , B. Catargi ² , V. Ravaine* ¹ , ¹ <i>Institute of Molecular Sciences - University of Bordeaux, France</i> , ² <i>CHU Bordeaux - University Bordeaux, France</i>
10:30-11:00	Refreshment break <i>Conference Foyer/St John's Room /Volmer Room</i>
	Session Chair: A. Hubbard <i>Grand Ballroom</i>
11:00-12:00	[K07] BionanoInteractions as rational basis for NanoMedicine K. Dawson, <i>University College Dublin, Ireland</i>
12:00-12:30	[O08] Protein thin film machines S. Federici ^{1,2} , G. Oliviero ¹ , K. Hamad- Schifferli ² , P. Bergese* ¹ , ¹ <i>University of Brescia, Italy</i> , ² <i>Massachusetts Institute of Technology, USA</i>
12:30-13:00	[O09] Double crosslinked ph-responsive microgels for intervertebral disc repair: Design and properties R. Liu, A. Milani, T. Freemont, B. Saunders*, <i>University of Manchester, UK</i>
13:00-14:30	Lunch <i>The Winter Garden</i>
	Session Chair: E. Beckman <i>Grand Ballroom</i>
14:30-15:30	[K08] Preparation of supported gold clusters for green chemistry M. Haruta* ^{1,2} , ¹ <i>Tokyo Metropolitan University, Japan</i> , ² <i>JST-CREST, Japan</i>
15:30-16:00	[O10] Hydrocarbon against fluorocarbon to build-up superhydrophobic surfaces: Where is the challenge? F. Guittard*, T. Darmanin, E. Taffin De Givenchy, S. Amigoni, <i>Universite de Nice, France</i>
16:00-16:30	Refreshment break <i>Conference Foyer/St John's Room /Volmer Room</i>
	Session Chair: M. Lynch <i>Grand Ballroom</i>
16:30-17:30	[K09] Block copolymer electrolytes for lithium batteries N.P. Balsara, <i>University of California, Berkeley, USA</i>
17:30-18:00	[O11] Tailoring the structure of functional nanomaterials and their energy and environmental applications J. He, <i>Chinese Academy of Sciences, China</i>
18:00-18:30	[O12] Novel nanoparticulate thin film photocatalysts for solar hydrogen production C.D. Morton*, A.D. Coutroubis, R. Hanarasinghe, B.D. Alexander, <i>University of Greenwich, UK</i>
18:30-19:30	Poster Session 3 <i>Conference Foyer/St John's Room /Volmer Room</i>
19:30	Delegates attending conference banquet to meet in the Conference Foyer
19:45 – 22:30	Conference Banquet at the Five Flies Restaurant

Wednesday 11 th May 2011	
08:45 – 09:00	Opening- Introduction of JCIS award <i>Grand Ballroom</i> D. Wasan
	Session Chair: D. Wasan <i>Grand Ballroom</i>
09:00-09:45	[K10] Hybrid lipid-DNA self-assemblies P. Baglioni, <i>University of Florence, Italy</i>
09:45-10:45	[K11] Superamphiphiles for controlled self-assembly and disassembly X. Zhang*, C. Wang, Z.Q. Wang, <i>Tsinghua University, China</i>
10:45-11:15	Refreshment Break <i>Conference Foyer/St John's Room /Volmer Room</i>
	Session Chair: F. Guittard <i>Grand Ballroom</i>
11:15-12:15	[K12] Growth and directional assembly of anisotropic gold nanoparticles L.M. Liz-Marzán, <i>Universidade de Vigo, Spain</i>
12:15-12:45	[O13] Tunable photonic crystal using electro-responsive colloids M.G. Han*, C.G. Shin, H.S. Shim, J.W. Kim, <i>Samsung Advanced Institute of Technology, South Korea</i>
12:45-13:15	[O14] ZrO(FMN) - quick and easy synthesis of a novel nanoscale luminescent biomarker M. Roming, C. Feldmann*, <i>Karlsruhe Institute of Technology (KIT), Germany</i>
13:15-14:30	Lunch <i>The Winter Garden</i>
	Session Chair: J. Eastoe <i>Grand Ballroom</i>
14:30-15:30	[K13] Multilayer polymer nanotubes T.G.M. van de Ven* ¹ , B. Huang ² , R.J. Hill ² , ¹ <i>Centre for Self-Assembled Chemical Structures (CSACS), Canada</i> , ² <i>McGill University, Canada</i>
15:30-16:00	[O15] Measurement and analysis of structural forces in soft systems R.F. Tabor, R.R. Dagastine, F. Grieser, D.Y.C. Chan*, <i>University of Melbourne, Australia</i>
16:00-17:00	[K14] Delayed failure of polymer gels M. Lynch, <i>The Procter & Gamble Company, USA</i>
17:00-17:30	Close