

11:00	Refreshments & registration								
12:45	Welcome & Introductions Duncan Bruce & Dermot O'Hare								
13:00	The Artificial Leaf Plen01 Dan Nocera Session Chair: Dermot O'Hare								
14:00	Time for delegates to move between theatres								
Theme		Soft Matter Materials		Electronic Materials		Biomaterials		Energy Materials	
Session Chair		Uday Maitra		Bettina Lotsch		John Hardy		Doug MacFarlane	
14:10	Keynote	K01	Advanced applications for sophisticated nanoscopic devices Wooley, Karen	K08	Layered Double Hydroxide-Based Materials Used in Electrochemical Energy Storage and Conversion Wei, Min	K13	Strategies for fabricating the next generation of bone graft materials: hydrogels, additives and 3D printing McGrath, Kate	K19	Metal Halide Perovskite Solar Cells Snaith, Henry
14:40	Contributed oral	SM_001	Supramolecular Chemistry with DNA as a synthetic route to optoelectronic nanomaterials Houlton, Andrew	ELM_001	Binary and multinary metal chalcogenides as versatile materials in microelectronic devices, solar cell applications and gas sensors Schneider, Joerg	BM_001	Dendrimer-nanoparticle conjugates as efficient tools for in vivo cancer targeting Felder-Flesch, Delphine	EM_001	Nickel oxide based nano-heterostructures as high performance supercapacitor electrodes Singh, Ashutosh Kumar
15:00	Contributed oral	SM_002	Bio-inspired iridescent layer-by-layer assembled cellulose nanocrystal Bragg Stacks Hewson, Daniel	ELM_002	Structural features, optical and magnetic properties in Fe <sub>1-x</sub> Mg <sub>x</sub> MoO <sub>4</sub> piezochromic compounds Gaudon, Manuel	BM_002	Design of polymer brushes for controlling cell adhesion at the nanoscale Gautrot, Julien	EM_002	Structure and surface engineering of electrode materials for lithium ion batteries Wang, Kai-Xue
15:20	Contributed oral	SM_003	Controlling entry of proteins and macromolecules into nanopores King Hang, Aaron Lau	ELM_003	Crystal chemistry and physics of perovskites with small cations at the A site Belik, Alexei	BM_003	Glycosylated nanomaterials: Neutralisation and detection of bacteria and toxins Richards, Sarah-Jane	EM_003	Hydrothermal synthesis of new ruthenium and iridium oxides for electrocatalytic oxygen evolution Walton, Richard
15:40	Refreshments								
		Soft Matter Materials		Electronic Materials		Biomaterials		Energy Materials	
16:20	Contributed oral	SM_004	Design, synthesis and properties of healable supramolecular polyurethanes Hayes, Wayne	ELM_004	Probing magnetic interactions in functional coordination frameworks Saines, Paul	BM_004	Tough hydrogel materials for cell encapsulation Dove, Andrew	EM_004	Fullerenes in Flow: Continuous Processing for Cost-Effective Functional Walker, Barnaby
16:40	Contributed oral	SM_005	Hierarchical self-assembly of colloidal magnetic particles into reconfigurable spherical structures Chakrabarti, Dwaipayan	ELM_005	Fine tuning dopant diffusion in germanium using self-assembled 'spacer' monolayers Alessio Verni, Giuseppe	BM_005	Can cellular response on electrospun nanoscaffolds be influenced by blending amorphous poly(methyl dioxanone) with semi-crystalline PCL, PLLA and PDX? Jhurry, Dhanjay	EM_005	NiCl <sub>2</sub> — A promising candidate for recyclable safety enhanced NH <sub>3</sub> storage Breternitz, Joachim
17:00	Contributed oral	SM_006	Textile-fixed catalysts for asymmetric syntheses Opwis, Klaus	ELM_006	Chemical control of superconductivity in layered lithium iron selenide hydroxides Li <sub>1-x</sub> Fe <sub>x</sub> (OH)Fe <sub>1-y</sub> Se Woodruff, Daniel	BM_006	Mesoporous silica micro/nano-motors as active drug delivery vehicle Ma, Xing	EM_006	Artificial Photosynthesis: Visible light photocatalyzed water oxidations using metal oxide nanoparticles and complexes Walsh, Dominic
17:20	Poster Session								
19:00	Ceilidh & Welcome Buffet								

19:30 Close

20:00	Conference banquet
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14:00 -	Post conference trip to Fountains Abbey & Harrogate (pre-booked tickets only)
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