

**Programme - UK Polymer Showcase 2008**  
**16/17/18 September 2008, National Science Learning Centre, York**

<b>16<sup>th</sup> September 2008</b>	<b>12.00</b>	Registration/Sandwiches
<b>Polymer IRC Research</b>	<b>13.30</b>	Welcome
	<b>13.45</b>	Tim Gough – University of Bradford: <i>“Micro-scale studies in extrusion and injection moulding”</i>
	<b>14.15</b>	Iakovos Vittorias – Basell Polyolefine GmbH: <i>“Modelling the detailed structure of low-density polyethylene and predicting rheological properties from reaction conditions”</i>
	<b>14.45</b>	David Lidzey – University of Sheffield: <i>“New Polymers for Organic Solar Cells”</i>
	<b>15.15</b>	Manlio Tassieri – University of Leeds: <i>“Viscoelastic properties and morphology of filled polymeric systems”</i>
	<b>15.45</b>	Tea and Poster session
	<b>16.15</b>	Michael Butler - Unilever: <i>“Self-assembled polymer vesicles as molecular delivery systems”</i>
	<b>16.45</b>	Quentin Cooper – BBC: <i>“Plastic and Past Stuck – Why Science Changes the World but Scientists’ Image Stays The Same”</i>
	<b>17.30-18.30</b>	Poster Session and Drinks Reception
	<b>19.30</b>	Polymer IRC Club Dinner (Boat Trip/Bufferet)
	<b>17<sup>th</sup> September 2008</b>	<b>09.00</b>
<b>Polymers in Medicine</b>	<b>09.20</b>	Richard France - METRC
	<b>09.30</b>	Karen McKinlay – DePuy International: <i>“Polymer applications in non active medical devices”</i>
	<b>10.00</b>	Manfred Stadlbauer – Borealis Polyolefine GmbH: <i>“Soft, transparent and tough polypropylene – the novel Borstar® material solutions for medical applications”</i>
	<b>10.30</b>	John Orr and Christina Mitchell – Queen’s University Belfast: <i>“Biomaterials at load bearing interfaces-An interdisciplinary approach”</i>
	<b>11.00</b>	Coffee
<b>Advanced Polymer Waste Management</b>	<b>11.30</b>	<i>Speaker to be confirmed</i>
	<b>12.00</b>	Steve Eichhorn – University of Manchester: <i>“Natural Composites: Fingernails, Shells and Cellulose Whiskers”</i>
	<b>12.30</b>	Doug Anderson – Intruplas Plastic Solutions: <i>“Reprocessing of mixed plastic waste – car bumpers to garden benches”</i>
	<b>13.00</b>	Lunch and Poster Session
<b>UK Materials Strategy</b>	<b>14.00</b>	Colin Richards – PIN: <i>“The UK Plastics Industry - Challenges and Opportunities”</i>
	<b>14.30</b>	Andrew Bourne – EPSRC: <i>“EPSRC: Future Directions”</i>
	<b>15.00</b>	Richard Smith - Yorkshire Forward: <i>“Regional Innovation Drivers and Initiatives in Materials”</i>
	<b>15.30</b>	Tea

<b>Science Communication in Education and the Media</b>	<b>16.00</b>	John Holman – NSLC : <i>“The Future for Science Education”</i>
	<b>16.30</b>	Tom Sheldon – Science Media Centre: <i>“Science and the Media: the view from the front line”</i>
	<b>17.00</b>	Peter Styring – University of Sheffield: <i>“Science &amp; Engineering in the Media”</i>
	<b>17.30</b>	Phil Coates – University of Bradford : <i>IOM<sup>3</sup> Swinburne Lecture “Process Structuring of Polymers”</i>
	<b>18.15</b>	Close
	<b>19.30</b>	Arrival at Merchant Adventurers’ Hall, York
<b>18<sup>th</sup> September 2008 Polymers for Sustainable Energy</b>	<b>20.00</b>	Show case Dinner
	<b>09.30</b>	Hazel Assender – University of Oxford: <i>“Flexible photovoltaics - steps in scale-up to wide area”</i>
	<b>10.00</b>	Jimmy Mays – University of Tennessee: <i>“Novel Proton Conductive Membranes based on Poly(Cyclohexadiene) Derivatives”</i>
	<b>10.30</b>	Neil Greenham – University of Cambridge: <i>“Low-cost and low-energy manufacturing for polymer electronics”.</i>
	<b>11.00</b>	Coffee
	<b>Polyolefins – The Next 50 Years</b>	<b>11.30</b>
<b>12.00</b>		Qi Wang – Sichuan University: <i>“Novel processing technologies for polyolefins with high performances”</i>
<b>12.30</b>		Don Baird – Virginia Tech.: <i>“Correlation of Film Casting Behaviour with Non-Linear Rheology for a Series of HDPE’s with Different Degrees of Sparse Long Chain Branching”</i>
<b>13.00</b>		Closing Remarks