

Conferences and Events**MACRO2010** 
11–16 July 2010, Glasgow, UK**Young Polymer Scientists****Convener:**Rachel O'Reilly, *University of Warwick, UK***Programme:**

Monday 12 July (afternoon)

Tuesday 13 July (morning, afternoon)

A special Nurturing and Networking event will run as part of the symposium on the evening of Tuesday 13 July. Please click on the link on this page for further details.

Symposium Information

The symposium will showcase the work of young polymer scientists (aged 40 or under) from around the world - there is no restriction on topic and broadly contributions from all aspects of polymer science are welcomed. As well as research excellence, we are keen to develop networking opportunities for the global young polymer science community.

The Nurturing and Networking event will run on the evening of Tuesday 13 July as part of the symposium. Please click on the link on this page for further details about this special panel discussion.

Invited Speakers**Interactions of Conjugated Polymers with Single-Walled Carbon Nanotubes**Alex Adronov, *McMaster University, Canada***Reconfiguring Stereoisomers and Activating Catalysts using Mechanical Force**Christopher Bielawski, *The University of Texas at Austin, USA***Protein Cages as Macromolecular Scaffolds**Jeroen Cornelissen, *University of Twente, The Netherlands***Synthesis of functional, architecturally diverse degradable polymers**Andrew Dove, *University of Warwick, UK***The use of click coupling to construct functionalised cyclic polymers**Scott Grayson, *Tulane University, USA***Utilization of 'Click'-chemistries for tailored Polyester Nanosponges with encapsulated Therapeutics**Eva Harth, *Vanderbilt University, USA***Selenophene based polymers for photovoltaic and transistor applications**Martin Heeney, *Imperial College London, UK***Self-assembly of copoly(2-oxazoline)s: From multicompartment micelles to UCST based thermoresponsive micellization**Richard Hoogenboom, *Radboud University Nijmegen, The Netherlands***Synthesis and Supramolecular Self-Assembly of Nonlinear-Shaped Responsive Polymers**Shiyong Liu, *University of Science and Technology of China, China***New Strategies for Controlling Polymer Sequences**Jean-François Lutz, *Fraunhofer IAP, Germany*

Novel Functional Highly and Hyper-branched Polymers

Sebastien Perrier, *University of Sydney, Australia*

Magnetic Assembly and Colloidal Polymerization of Dipolar Nanoparticles: A New Concept in Polymer Science

Jeffrey Pyun, *University of Arizona, USA*

Bio-responsive nanomaterials for enzyme sensing

Molly Stevens, *Imperial College London, UK*

Thermoresponsive polymer-protein conjugates prepared by grafting-to and grafting-from via RAFT polymerization

Brent Sumerlin, *Southern Methodist University, USA*

Activated Esters in Polymer Chemistry: Synthesis of well-defined Functional Polymers and Block Copolymers

Patrick Theato, *University of Mainz, Germany*

Exploiting Biocatalysis in Supramolecular Synthesis of Functional Nanostructures

Rein Ulijn, *University of Strathclyde, UK*

Fabrication of Advanced Hierarchical Soft Materials using Responsive, Architecturally-Defined Copolymers

Jonathan Weaver, *University of Liverpool, UK*

Poster Presenters

Synthesis and characterization of novel poly(thiazole imide)s derived from 5,5'-methylenebis(2-aminothiazole) with some of dianhydride monomers

Ali Javadi, *Tarbiat Moallem University, Iran, Islamic Republic of*

Synthesis and properties of thermally stable and organosoluble novel polyesters bearing sulfur linkages

Ali Javadi, *Islamic Azad University, Iran, Islamic Republic of*

Synthesis and characterization of novel organosoluble fluorinated polyamide-imides bearing ether and sulfur linkages

Ali Javadi, *Iranian Academic Center for Education, Iran, Islamic Republic of*

Synthesis of polyethylenes with specified properties using (C₅H₅)₄Zr based catalytic systems

Igor Sedov, *Institute of Problems of Chemical Physics RAS, Russian Federation*

Designing and characterization of PVA nanoparticles for Controlled Release of Ciprofloxacin hydrochloride (Cfx). An In -Vitro Study

Rajesh Kumar Saini, *Government Autonomous Science College, India*

Tailored α -azide- ω -alkyne monomers: versatile precursors to polymer materials ranging from high molar mass polytriazoles to molecularly defined cyclic oligomers

Eric Drockenmuller, *Ingénierie des Matériaux Polymères, Lyon, France*

New Polymeric Sulfide-Borane Complexes as Convenient Hydroborating and Reducing Agents

Asim A. Balakit, *Cardiff University, United Kingdom*

Ionic liquid soluble side chain cyclic carbonate polymers for transparent, flexible and highly conductive ion gels

Satyasankar Jana, *Institute of Chemical and Engineering Sciences, Singapore*

Charge Induced Phase Separation in Binary Charged Colloids

Koki Yoshizawa, *Nagoya City University, Japan*

Vacuum Pyrolysis of Ground Tire Rubber (GTR), and Reclaimed Rubber (RR)

Abbas Kebritchi, *Isfahan University of Technology, Iran, Islamic Republic of*

Applications of Novel Organic Polymer Composites in Suzuki and Heck Cross-coupling Reactions

Mian Wang, *Institute of Chemical and Engineering Science, Singapore*

Improvement of Natural Rubber by Ultracentrifugation

Danillo Godinho Rodrigues, *UFG - Universidade Federal de Goiás, Brazil*

Cyclic Esters Polymerization Reactions with Cyclam-Based Zr Catalysts

Luis Alves, *Instituto Superior Técnico, Portugal*

Synthesis and crystallization of rigid-flexible aromatic polyetherketones with controlled rigid segment lengths

Jean-Michel Benoit, *Université Laval, Canada*

Preparation, Characterisation and Diffusion Studies of Polypyrrole, poly(1,6-

di(N-pyrrolyl)hexane) and poly(N-dodecylpyrrole)

Danesh Roudini, *Kingston University, United Kingdom*

Polycondensation of 12-hydroxydodecanoic acid in Brønsted Acidic Ionic Liquids

Shaodong Zhang, *Université Pierre et Marie Curie, France*

Identification of substances formed in a model of polyolefin containing antioxidants exposed to chlorinated water media

Wenbin Yu, *Royal Institute of Technology, Sweden*

Effect of natural rubber and epoxidized natural rubber on physical properties of poly(butylenes adipate-co-terephthalate)

Nuda Pisutthian, *Prince of Songkla University, Thailand*

Oligomeric isosorbide esters as renewable resource plasticizers for PVC

Bo Yin, *Royal Institute of Technology, Sweden*

Determination of the Macromolecular Dimensions of Hydrophobically Modified Polymers by Micellar Size Exclusion Chromatography Coupled With Multiangle Light Scattering

Guillaume Dupuis, *Institut Français du Pétrole, France*

Molecular Dynamics of Regioregular Poly(3-alkylthiophene) Investigated by NMR Relaxation and an Interpretation of Temperature Dependent Optical Absorption

Koji Yazawa, *Tokyo Institute of Technology, Japan*

Electrochemical copolymerization of anisidine and o-aminophenol

Bakhshali Massoumi, *Payame Noor University, Iran, Islamic Republic of*

New coarse-grained DNA model for analysis of mechanical properties

Irina Kikot, *Semenov Institute of Chemical Physics, RAS, Russian Federation*

Synthesis and Characterization of Polyacrolein and Its Oxime and Phenylhydrazone Derivatives

Dilek Kars Mete, *Abant İzzet Baysal University, Turkey*

The significant effect of polypropylene material on the migration of antioxidants from food container to food simulants

Jonas Alin, *Fibre- and Polymer Technology, Sweden*

Preparation and characterization of organosoluble fluorinated polyamides bearing ether and sulfur linkages in ionic liquids

Masoumeh Zakeri, *Alzahra University, Iran, Islamic Republic of*

Novel Aromatic Polyoxadiazoles bearing 1,1'-thiobis(2-naphthoxy) groups

Masoumeh Zakeri, *Islamic Azad University, Iran, Islamic Republic of*

Ring-substituted polyphenylacetylenes: preparation, characterization, study of molecular weight and configurational stability

Olga Trhlikova, *Charles University in Prague, Czech Republic*

Study of molecular weight stability of MEH-PPV in solution

Dmitrij Bondarev, *Charles University in Prague, Czech Republic*

Bio-mimetic characterisation of Mimosa pudica fiber using in-situ laser diffraction technique

Rajaram Satapathy, *Spintronic Technology and Advance Research, India*

Hydroxyalkyl methacrylate based gels as supports for chiral salenMn(III) and Co(III) complexes and their application in asymmetric olefin epoxidation and hydration epoxides

Katarzyna Matkiewicz, *Rzeszów University of Technology, Poland*

Conical deposits from drying poly(ethylene oxide) solutions

Kyle Baldwin, *Nottingham Trent University, United Kingdom*

[Related Link](#)

Nurturing and Networking

A special evening event, run as part of the Young Polymer Scientists symposium. All delegates are welcome to attend.

Macro Group UK Awards

The 2010 winners will receive their awards and present the associated lectures within Macro2010 symposia