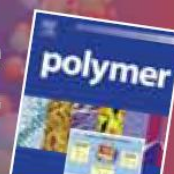




# Frontiers in polymer science

In association with the journal **polymer**



29-31 MAY 2011  
LYON, FRANCE

## Oral Programme

Plenary Talk Session: Lumiere Auditorium

### Sunday, 29 May 2011

11:00	<b>Registration Desk Opens</b> - Lumière Foyer, bottom of the stairs in Area G of the Convention Centre.
14:00-14:20	<b>Opening Remarks</b>
14:20-15:10	<b>Robert H. Grubbs</b> , <i>California Institute of Technology, USA, Nobel Laureate</i> The synthesis and characterization of macromolecular structures
15:10-16:00	<b>Eugenia Kumacheva</b> , <i>University of Toronto, Canada</i> Polymer microgels: microenvironments for cell studies
16:00-17:30	<b>Coffee Break and Poster Session 1</b> - Forum 1 and Forum 2
17:30-18:20	<b>Bernadette Charleux</b> , <i>Université Claude Bernard Lyon 1, France</i> New synthetic routes toward polymer colloids
18:20-19:10	<b>Susumu Kitagawa</b> , <i>Kyoto University, Japan</i> Polymer chemistry in coordination nanospaces
19:10-21:00	<b>Welcome Reception and Continuation of Poster Session 1</b> - Forum 1 and Forum 2
21:00	<b>End of Day 1</b>

### Monday, 30 May 2011

09:00-09:50	<b>Samuel I. Stupp</b> , <i>Northwestern University, USA</i> Hierarchical self-assembly of supramolecular and covalent polymers
09:50-10:40	<b>Anthony J. Ryan</b> , <i>University of Sheffield, UK</i> Making polymers swim
10:40-12:10	<b>Coffee Break and Poster Session 2</b> - Forum 1 and Forum 2
12:10-13:00	<b>Geoffrey W. Coates</b> , <i>Cornell University, USA</i> Development of new catalysts for the synthesis of biodegradable polymeric materials from epoxides
13:00-14:30	<b>Lunch</b> - Forum 3
14:30-15:20	<b>Zhenan Bao</b> , <i>Stanford University, USA</i> Polymers for flexible electronics
15:20-16:10	<b>Alan H. Windle</b> , <i>University of Cambridge, UK</i> Making Fibres from Carbon Nanotubes: The Ultimate Polymer Material?
16:10-16:30	<b>Coffee Break</b> - Forum 1 and Forum 2
16:30-17:20	<b>Glenn H. Fredrickson</b> , <i>University of California, Santa Barbara, USA</i> Frontiers of computational polymer field theory
17:20-18:10	<b>Axel H.E. Müller</b> , <i>Universität Bayreuth, Germany</i> Self-organized multi-compartment nanostructures from new triblock terpolymers
18:10-20:00	<b>Reception and Continuation of Poster Session 2</b> - Forum 1 and Forum 2
20:00	<b>End of Day 2</b>

**Tuesday, 31 May 2011**

08:30-09:20	<b>Joseph M. DeSimone</b> , <i>University of North Carolina, Chapel Hill, USA</i> Co-opting Moore's Law: Advances in imprint lithography for the design of vaccines and therapeutics
09:20-10:10	<b>Patrick Couvreur</b> , <i>Université de Paris-Sud, France</i> Polymer nanoparticles for cancer treatment and brain delivery
10:10-11:40	<b>Coffee Break and Poster Session 3</b> - Forum 1 and Forum 2
11:40-12:30	<b>Craig J. Hawker</b> , <i>University of California, Santa Barbara, USA</i> Applications of orthogonal, "click" chemistries in the synthesis of functional soft materials
12:30-14:45	<b>Lunch</b> - Forum 3 <b>Continuation of Poster Session 3</b> - Forum 1 and Forum 2
14:45-15:35	<b>George M. Whitesides</b> , <i>Harvard University, USA</i> New Applications for Polymers, and New Needs
15:35-15:50	<b>Closing Remarks</b>
15:50	<b>End of the Symposium</b>