Soft Matter

www.softmatter.org

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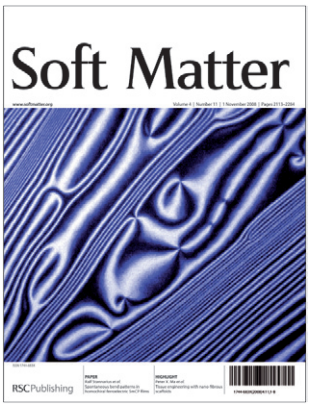

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Polarization microscope image of labyrinth formation in a freely suspended film of a bent-core smectic liquid crystal.
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Experiments using colloidal crystals and optical tweezers to provide novel insights into hydrodynamic interactions in many-particle systems.
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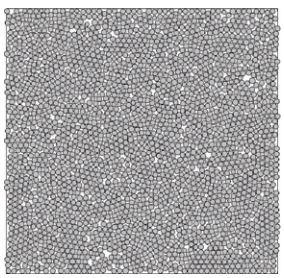

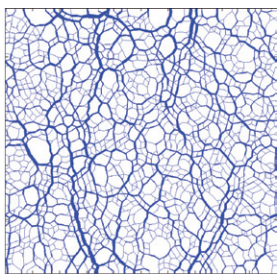

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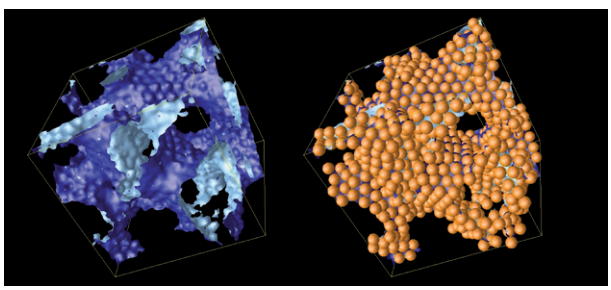

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Soft Matter

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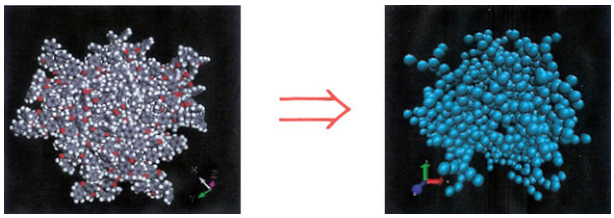

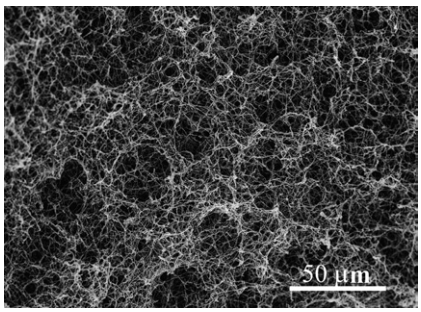

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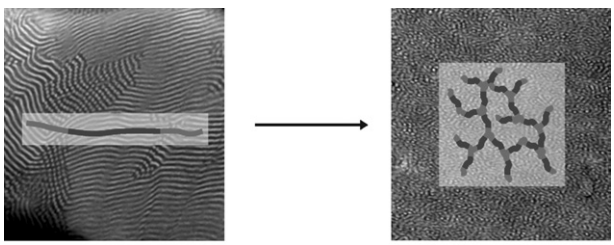

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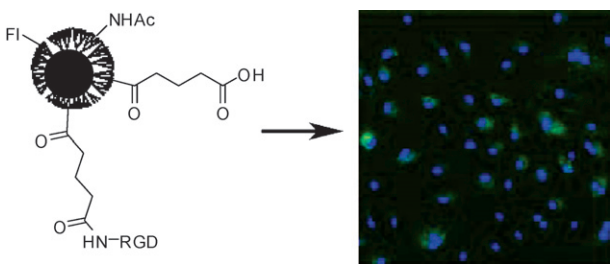

COMMUNICATIONS

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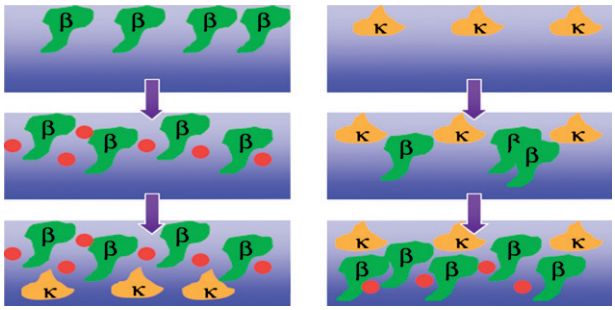

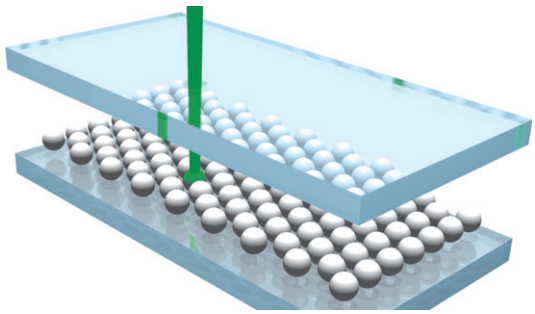

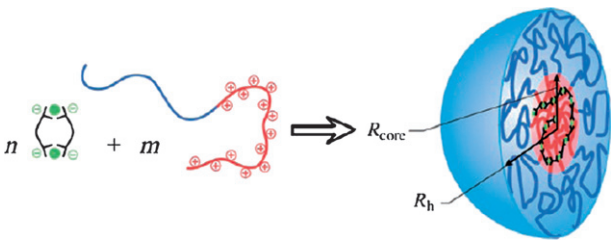

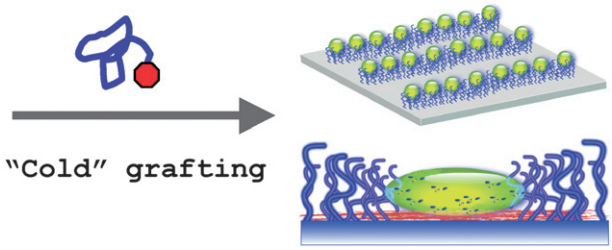

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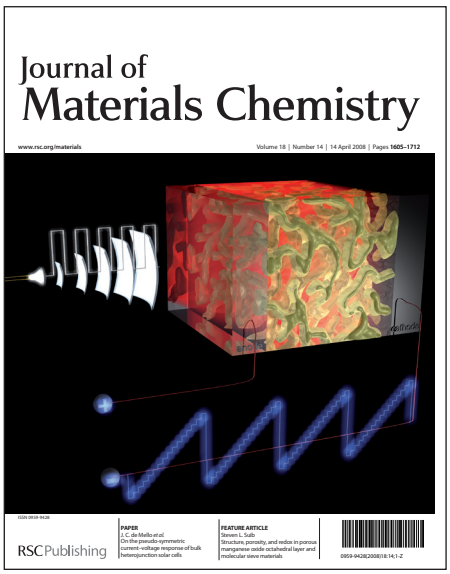

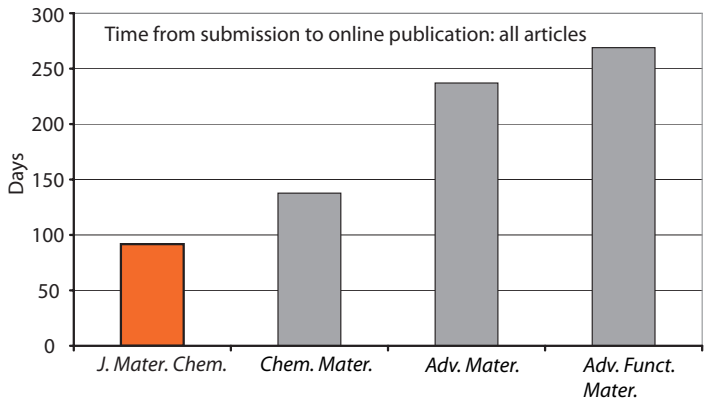

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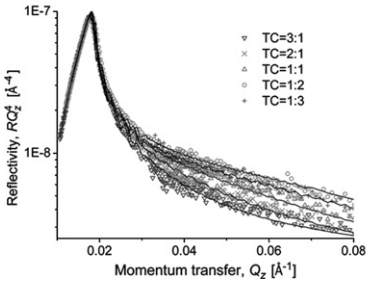

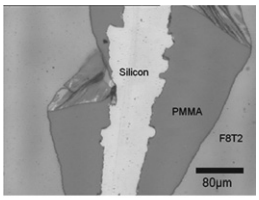

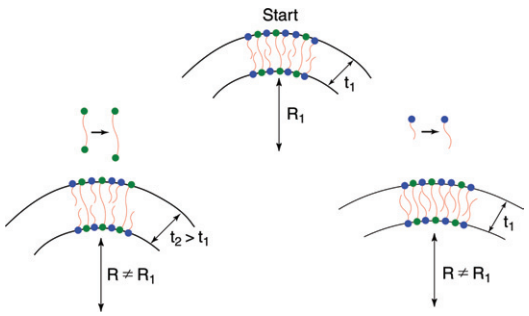

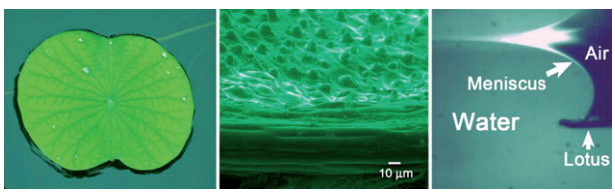

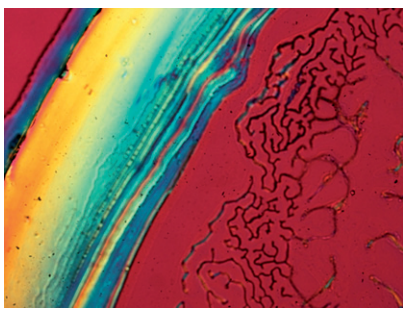

42nd IUPAC CONGRESS Chemistry Solutions

2–7 August 2009 | SECC | Glasgow | Scotland | UK

Theme: Materials
Symposium: Soft Matter

Convener:
Katie Gibb
Soft Matter

Keynote Speakers:
Karen Wooley
Washington University in St. Louis, USA
Dennis Discher
University of Pennsylvania, USA
Dimitris Vlassopoulos
University of Crete, Heraklion, Greece
Kevin Shakesheff
University of Nottingham, UK

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To submit an abstract for oral or poster presentation please visit www.iupac2009.org.

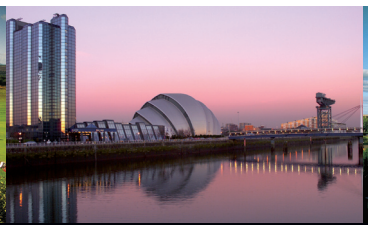
Deadlines
Oral presentation abstract: **16 January 2009**
Poster presentation abstract: **5 June 2009**
Early bird registration: **5 June 2009**
Standard registration: **3 July 2009**

Soft matter is not a new topic - indeed de Gennes was awarded a Nobel prize for research into soft matter in 1991. However more and more researchers are realising that the work they do, on the edges of physics, chemistry, materials science, or biology, does not fit into these traditional disciplines but it does fit under the umbrella term of 'soft matter'.

This meeting aims to give researchers from all areas of soft matter the chance to discuss their research and to see how their knowledge can be applied in solving a range of soft matter problems, from adhesion to cell membranes to rheology of polymer mixtures.

Sessions:
- Tissue engineering (e.g. hydrogels, polymer scaffolds, regulation of cell function)
- Molecular self-organisation of soft systems (e.g. peptide, copolymers, biomaterials)
- Proteins and cells (e.g. cell adhesion, membranes, biophysics)
- Surfaces/rheology (e.g. polymer physics, theory)



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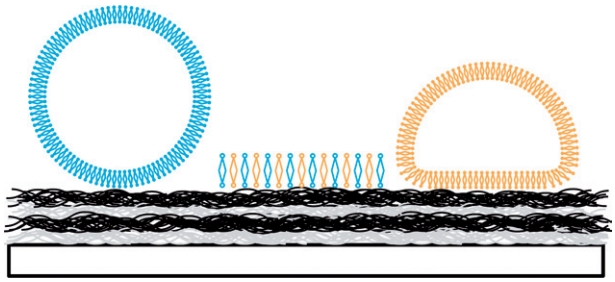

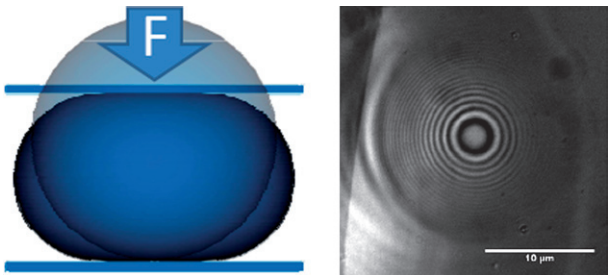

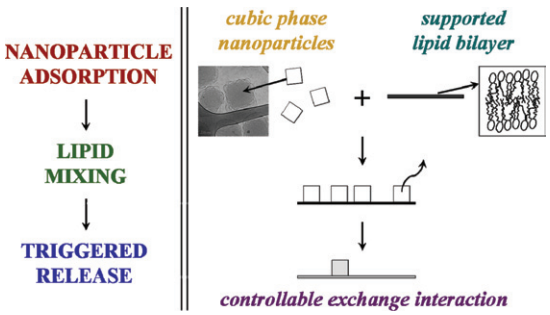

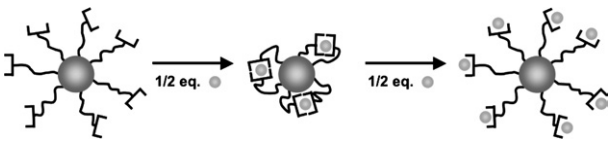

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