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# McBain Medal Lecture: Soft Interfaces - From Molecular Interactions to Industrial Products

Tuesday 31 March 2009  
SCI, London, UK

**RSC** | Advancing the  
Chemical Sciences

Organised by SCI's Colloid & Surface Chemistry Group  
and the RSC's Colloid & Interface Science Group

  
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**programme**

- 10.30** Registration and refreshments
- 11.00** **Phase behaviour in mixtures of uniaxial rod and disc particles**  
Amparo Galindo, Imperial College London
- 11.45** **Self-assembly of amyloid peptides and copolymers**  
Ian Hamley, University of Reading
- 12.30** Lunch
- 14.00** **Soft matter, small drops, swift print**  
Andrew Howe, Kodak
- 14.45** **Soft particles at hard interfaces: surface functionalization, wetting, and capillary condensation**  
Christos Likos, University of Dusseldorf
- 15.30** **Adsorption of peptides and ions at interfaces: what we can learn from simulation**  
Volker Knecht, Max Planck Institute
- 16.15** Refreshment break
- 16.45** **McBain Medal Lecture: soft interfaces - from molecular interactions to industrial products**  
Fernando Bresme, Imperial College
- 17.45** Drinks reception
- 18.30** Conference dinner (tickets only)

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Register online at: [www.soci.org](http://www.soci.org)

## **synopsis**

The McBain Medal is an award given to honour a younger scientist who has made a meritorious contribution to colloid & interface science.



Dr Fernando Bresme

## **What the meeting will cover**

This one day meeting, which will incorporate the award of the McBain medal to Dr Fernando Bresme of Imperial College. A mixed programme of modelling and experimental work will be presented. The McBain lecture itself will concentrate on the work of Dr Fernando Bresme and will demonstrate how modelling complex systems leads to an understanding of the underlying science which in turn can be helpful in understanding experimental phenomena.

## **Who should attend**

This conference will be of interest to anyone who wishes to understand the properties of complex materials such as self assembled systems, for example: surfactants, dispersed systems such as paints and pharmaceuticals, polymeric systems and biological systems.

**Please Note:** Bursaries are available to student members on a first come first serve basis. To apply, please contact the SCI conference department.

**organising committee** Paul Luckham, Imperial College

## **information on SCI**

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