



Drying Film

McBain Medal Award Lecture

Wednesday 8 December 2010

SCI HQ, 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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- 13.30** Registration
- 14.00** **Microgels for controlled uptake and release**
Prof Brian Vincent, University of Bristol
- 14.30** **Stresses & strains in drying colloidal films**
Dr Bill Clegg, University of Cambridge
- 15.00** **TBC**
Dr Andrew Howe, Schlumberger Cambridge Research
- 15.30** Refreshments
- 16.00** **Covalently - cross-linked colloidosomes**
Prof Steve Armes, University of Sheffield
- 16.30** **Non - covalent interactions in physisorbed monolayers**
Dr Stuart Clarke, BP Institute
- 17.00** **Infrared radiation - assisted evaporative lithography of colloidal films**
Prof Joe Keddie, University of Surrey
- 17.30** Refreshments
- 18.00** **Evaporation mediated self assembly of nanoparticles - watching paint dry**
Dr Alex Routh, BP Institute
- 19.00** Close

Organiser

Dr Pete Dowding, Infineum UK



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The McBain Medal is an annual award by the Colloid and Interface Chemistry Group of the RSC and the Colloid and Surface Chemistry Group of the SCI to honour a younger scientist who has made a meritorious contribution to colloid & interface science.



Award Recipient:
Dr Alex Routh

What the meeting will cover

This one day meeting will incorporate the award of the McBain medal to Dr Alex Routh who is a Senior Lecturer in Chemical Engineering at the University of Cambridge. His undergraduate degree is from Cambridge and his PhD is from Princeton in the USA, where he studied with Bill Russel.

Returning to the UK, Alex was a Post-Doc in Chemistry at Bristol, working for Brian Vincent and after four years as a lecturer in Sheffield he moved back to Cambridge in 2006. Alex's Cambridge lectureship is based at the BP Institute for Multiphase Flow in West Cambridge. This is a multidisciplinary research institute with six staff members from six Cambridge departments. Alex's research includes film drying, encapsulation, microgels, and rheology.

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This meeting will be suitable for academia and industry, in particular researchers with interests in chemical engineering aspects. The breadth of the meeting will also make it suitable for students who wish to get an insight into the range of current research.

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