

**Making and breaking colloidal assemblies:
using chemical, physical, and mechanical stimuli to control soft matter**

McBain Medal Meeting 2018
SCI, Belgrave Square, London, UK
Tuesday 11 December 2018

Organised by SCI's [Colloid & Surface Chemistry Group](#) and RSC's [Colloid & Interface Science Group](#)

The meeting will be of interest to both industrial and academic researchers, particularly those from colloid chemistry, soft matter physics and chemical engineering backgrounds working in functional, responsive, and self-healing materials; controlled release; tuneable soft materials and soft actuation.

The meeting showcases outstanding soft matter scientists describing some of their recent research in a programme constructed by Dr Valeria Garbin of Imperial College London. Dr Garbin is the 2018 recipient of the McBain Medal – an annual award to an early career researcher for outstanding achievement in colloid and interface science - and her lecture and the presentation of the award conclude the meeting

In addition to hearing great presentations, there is plenty scope for networking to catch up with old friends and make new ones, hence *early career scientists are particularly welcome*.

Programme

- 09.30 Registration
- 10.10 Introduction and welcome
- 10.15 **Roughness as a design tool for soft matter systems**
Prof Lucio Isa, ETH, Zurich
- 10.50 **Unusual stability of raspberry-colloids in saline solutions**
Dr Erika Eiser, University of Cambridge
- 11.25 Refreshments and exhibition
- 12.00 **Supracolloidal Gels: patchy colloids and programmable hydrogels**
Prof Stefan Bon, University of Warwick
- 12.35 Flash poster presentations
- 13.00 Lunch, exhibition and posters
- 14.15 **Interfacial particles for creating functional materials**
Dr Paul Clegg, University of Edinburgh
- 14.50 **2D nanomaterials delamination: mathematical modelling of graphene exfoliation in sheared liquids**
Dr Lorenzo Botto, Queen Mary University of London
- 15.25 **Oil foams stabilised by surfactant or fat crystals**
Prof Bernie Binks, University of Hull
- 16.00 Refreshments and exhibition
- 16.35 **Making and breaking colloidal assemblies by ultrafast interface deformation**
Dr Valeria Garbin, Imperial College London, *McBain Medal Winner, 2018*
- 17.20 Informal networking / wine reception

Delegate Fees

- £45 SCI/RSC/IoP Member
£25 SCI/RSC Student Member
£25 SCI/RSC Subsidised Member
£90 Non-Member

For more information and to register go to <https://www.soci.org/Events/Display-Event?EventCode=COLL537>

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