

M4 COLLOIDS SYMPOSIUM

2nd July 2014

Programme

Haydn Ellis Building
Cardiff University

www.m4colloids.org

Sponsored by RSC South East Wales local section



UNIVERSITY OF
BATH



University of
BRISTOL

Programme of Events:

10:30 – 10:55 **Arrival and Registration** - Refreshments available to purchase from the coffee shop.

10:55 – 11:00 **Welcome**

Session 1 **Chair: Jamie Hurcom, Cardiff University**

11:00 – 11:20 Edward Mansfield (University of Reading)

11:20 – 11:40 Zaineb Ettarhouni (Cardiff University)

11:40 – 12:00 Gavin Hazell (University of Bath)

12:00 – 12:20 David Yan (University of Bristol)

12:20 – 13:00 **Lunch (Sponsored by RSC South East Wales local section)**

Session 2 **Chair: Jessica Bonham, University of Bristol**

13:00 – 13:20 Jamie Hurcom (Cardiff University)

13:20 – 13:40 Michael Neeson (University of Melbourne)

13:40 – 14:00 Brett Symonds (University of Reading)

14:00 – 14:20 Tim Snow (University of Bristol)

14:20 – 15:00 **Poster Session**

Session 3 **Chair: Gavin Hazell, University of Bath**

15:00 – 15:20 Omar Mansour (University of Greenwich)

15:20 – 15:40 Elmira Baigaziyeva (University of Reading)

15:40 – 16:00 Shirin Alexander (Swansea University)

16:00 – 16:20 Gregory Smith (University of Bristol)

16:20 – 16:40 Michael Cook (University of Reading)

16:40 – 17:00 **Break** - Refreshments available to purchase from the coffee shop.

Plenary Session

17:00 – 18:00 Dr Sarah Rogers, ISIS

18:00 Closing Remarks

18.00 onwards Food and drinks (venue in Cardiff tbc)

Posters:

Yasser Albarkah, Cardiff University:

Effect of sonication on porcine gastric mucin structure and interactions with poly(acrylic acid)

Johanna Berge, University of Bristol:

Interactions between mesophases and nanoparticles under confinement

Jessica Bonham, University of Bristol:

Thermo-sensitive Microgels in Non-Aqueous Solvents

Yun-Chu Chen, University of Bath:

Thermal Stability of Insulin and Related Biological Materials

Emily Craddock, University of Bath:

T.B.C.

Amani El Fagui, University of Bath:

Solution structural characterization of well-defined protein–block copolymer biohybrids

Will Ganley, University of Bristol:

Manipulating the large scale structure of plate-like clay colloids in aqueous suspension

Stephen Gilligan, University of Bristol:

The Delayed Collapse of Colloid-Polymer Gels

Yun Jin, University of Bath:

T.B.C.

Kathrin Lange, University of Bristol:

Lubrication mediated by an amphiphilic triblock co-polymer – Influence of the cmc on surface structure and frictional properties

Efi Milioni, University of Greenwich:

T.B.C.

Zhansaya Nurpeissova, University of Reading:

Synthesis and properties of graft copolymers based on cellulose ethers and poly(acrylic acid)

Jocelyn Peach, University of Bristol:

Hydrotropes as Supercritical Carbon Dioxide Viscosifiers

Jonny Pegg, University of Bristol:

Growth and Structure Properties of Mesoporous Silica, Anti-Reflective Coatings

Virginie Peneau, Cardiff University:

Selective catalytic oxidation of toluene using supported Au-Pt and Pd-Pt nanoalloys

Emily Preedy, Cardiff University:

Influence of Surface Topography on Adhesion between Model Orthopaedic Materials and Gram Positive Bacteria

Sarah Smith, University of Reading:

Fluorescently labelled polysaccharides for their use in novel mucoadhesion tests