

Programme 2nd UK Hydrocolloids Symposium

Thursday Sept 10th, School of Chemical Engineering –University of Birmingham

8:30 - 9:30 **REGISTRATION & Welcome Reception**

9:30 - 9:45 **OPENING REMARKS** (*Dr. Fotis Spyropoulos, University of Birmingham*)

SESSION 1 (Chairperson: Dr Niklas Lorén)

9:45 – 10:15 **KEYNOTE TALK 1. Food hydrocolloid functionalities of the future**

Prof. Tim Foster, University of Nottingham

10:15 – 10:30 **OP1** Design of Novel Food Grade Pickering Particles.

Dr. John O'Sullivan, University College Cork, Ireland

10:30 – 10:45 **OP2** Okra pectin as a Functional food ingredient.

Alba, K.

10:45 - 11:00 **Flash presentations**

PP1 Preparation of water-in-water emulsions based on protein/polysaccharide solutions for food systems.

Vengel, K.

PP2 The potential of chitosan-tripolyphosphate (TPP) microparticles for forensic and pharmaceutical applications.

Morris, G.A.

PP3 Exploring the influence of polymer particle size on drug release from HPMC hydrophilic matrices.

Mason, L.M.

PP4 Rheological behaviour of semi-refined carrageenans with added salts.

Kopec, W.

PP5 In situ rheological measurements of the external gelation of alginate.

Diryak, R.

11:00 – 11:30 **Coffee and Tea Break (Poster Session & Exhibition stands)**

SESSION 2 (Chairperson: Dr. Carmen Boeriu)

11:30 – 12:00 **KEYNOTE TALK 2. Arrested gels: From biopolymers to peptide derivatives, the importance of phase behaviour in structure formation.**

Dr. Bill Frith, Unilever

12:00 – 12:15 **OP3** Tuning the rheology of Gellan Gum Hydrogels in cell culture conditions.

Moxon, S. R.

12:15 – 12:30 **OP4** Fluid gel production and tribological behaviour of alginate and agar.

Dr. Fernández-Farrés, I., Nestlé, Switzerland

12:30 – 12:45 **OP5** Relationship between process conditions, structure and rheological properties in hydrocolloids mixtures produce by shear.

Gladkowska-Balewicz, I.

12:45- 13:45 **Lunch (Exhibition Stands & Poster Session)**

SESSION 3 (Chairperson: Dr. Bill Frith)

13:45 – 14:15 **KEYNOTE TALK 3. Title TBC**
Dr. Niklas Lorén, Chalmers University of Technology, Sweden

14:15 – 14:30 **OP6** Ultra-High Pressure Homogenization enhances physical, microbiological and oxidative stability of emulsions containing conjugated linoleic acid.
Fernández-Avila, C.

14:30 – 14:45 **OP7** Production and isolation of whey protein gel particles displaying enhanced foam stabilisation functionality.
Lazidis, A.

14:45 – 15:00 **OP8** Fabrication and subsequent dehydration of wet foam structures stabilised by mixed protein-starch particle species.
Asghari, A.

15:00- 15:30 **Coffee Break (Exhibition Stands & Poster Session)**

SESSION 4 (Chairperson: Prof. Tim Foster)

15:30 – 16:00 **KEYNOTE TALK 4. Title TBC**
Dr. Carmen Boeriu, Wageningen UR Food & Biobased Research, The Netherlands

16:00 – 16:15 **OP9** Gellan gum fluid gels as a new nasal mucoadhesive release platform.
Mahdi, M.

16:15 – 16:30 **OP10** Healthcare Applications of Okra Biopolymer.
Ghori, M.

16:30 – 16:40 **Introduction to Networking session (Dr. Fotis Spyropoulos, University of Birmingham)**

16:40 – 16:50 **Awards ceremony for best oral and poster student presentations by the IChemE F&D SIG**

16:50 – 17:00 **Closing Remarks (Dr. Fotis Spyropoulos, University of Birmingham)**

17:00 – 18:00 **Networking/Companies Exhibition (Malvern, CIM Food, Stable Micro Systems & Anton-Paar)**

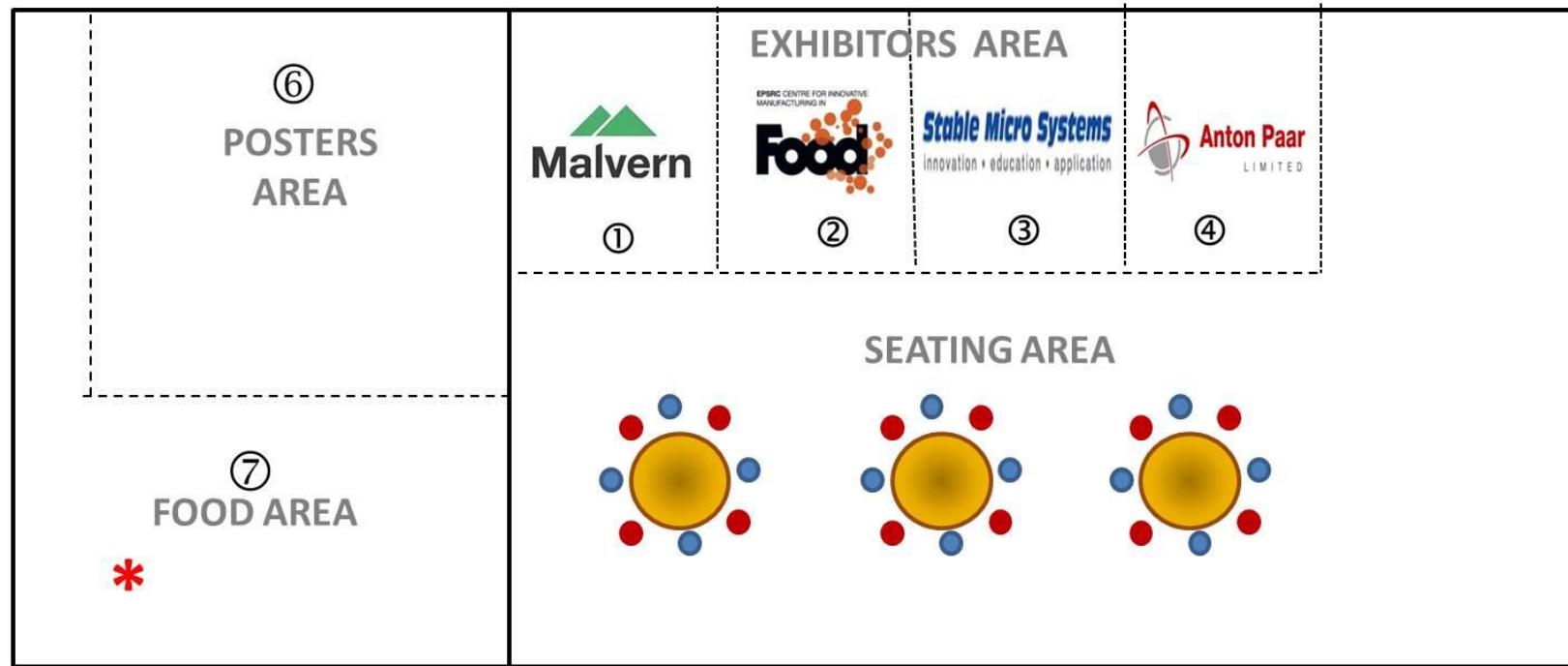
*Drinks will be provided

End of the event

Special notes:

- Registration will take place near the main entrance of the School of Chemical Engineering (Ground Floor)
- All Keynote talks and oral presentations will take place in Lecture Room 124 (1st Floor)
- Poster session, exhibition stand and breaks will be held in the Atrium (1st Floor) *see layout below for reference*

Layout of Atrium, School of Chemical Engineering (1st Floor)



*Drinking water. Refill your bottle!