

ONLINE EVENT

# Designed Assembly of Colloids at Interfaces: Fundamentals to Applications

**14–16 June 2021**

Colloidal particles at liquid interfaces not only allow us to stabilise multi-phase systems such as emulsions and foams, but also to create dimensionally confined structures for functional nanomaterials, reconfigurable devices and biomimetic systems.

The aim of this conference is to bring together the diverse research communities interested in this area, from fundamental science to applied research in areas such as novel formulations, lab on a chip reactors, nanomaterials for energy, biomaterials, encapsulation and controlled release etc., in order to cross-pollinate ideas and stimulate new research directions in these fascinating systems.

## Invited speakers

- **Bernie Binks** *University of Hull, UK*  
Edible Oil Foams Stabilised by Surfactant or Fat Crystals
- **Nikolai Denkov** *Sofia University, Bulgaria*  
Shape-shifting droplets as building blocks for micro- and nano-structured dynamic materials
- **Sepideh Razavi** *Oklahoma University, USA*  
Assembly of Janus particles in soft matter: from interface stabilization to membrane applications
- **Tom Russell** *University of Massachusetts at Amherst, USA*  
Structuring liquids
- **Rene van Roij** *Utrecht University, the Netherlands*  
Capillary interactions and self-assembly of odd-shaped particles at fluid-fluid interfaces

## Organising committee

- **Martin Buzza** *University of Hull*
- **Olivier Cayre** *University of Leeds*
- **Valeria Garbin** *Delft University of Technology*

## Sponsored by

IOP Liquids and Complex Fluids Group, RSC and SCI

Abstract submission for this conference is now open.  
Please go to: <http://colloids2021.iopconfs.org>