

# Particles at Liquid Interfaces – Fundamental Processes to Functional Materials

**1–3 July 2024**

University of Leeds, Leeds, UK



Colloidal particles adsorbed at liquid interfaces offer a rich playground for studying fundamental processes in dimensionally confined systems and provide unique opportunities for stabilising foams, emulsions and bijels and creating functional nanomaterials. The aim of this conference is to bring together the diverse research communities interested in this area, from fundamental soft matter science to applied research in 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. The conference follows previous successful meetings on the same topic in Leeds (2016), London (2017) and online (2021).

- **Tommy Horozov, University of Hull, UK**  
Self-assembly of colloidal particles at liquid interfaces
- **Sepideh Razavi, The University of Oklahoma, USA**  
Decoding the interplay between particle attributes, interfacial rheology, and Pickering foam performance
- **Anwasha Sarkar, University of Leeds, UK**  
Sustainable plant-derived particles at liquid-liquid interfaces
- **Job Thijssen, The University of Edinburgh, UK**  
Interactions between sterically stabilized particles at a water-oil interface
- **Nicolas Vogel, Friedrich Alexander-University Erlangen-Nürnberg, Germany**  
Elliptical particles at liquid interfaces: from self-assembly to drying behavior

## Organising Committee

Martin Buzza, University of Hull, UK

Olivier Cayre, University of Leeds, UK

Valeria Garbin, TU Delft, The Netherlands

## Key Dates

Abstract Submission: 11 April 2024

Early Registration Deadline: 17 May 2024

Registration Deadline: 21 June 2024

For further information, visit the website at [iop.eventsair.com/pli2024](https://iop.eventsair.com/pli2024)

or email [conferences@iop.org](mailto:conferences@iop.org)

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