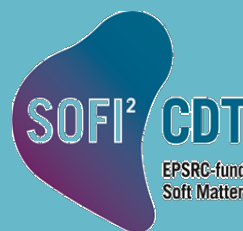


# SOFI CDT Showcase 2024

9-10 October 2024



## Programme

### Wednesday 9 October 2024 (Holyrood Suite, Radisson Blu Hotel)

- 1100-1130 **Registration and tea/coffee**
- 1130-1135 **Introduction:** Dr Simon Titmuss  
Session Chair: Agathe Clément
- 1135-1220 **Dr Dipa Roy** (University of Edinburgh): Sustainable Composites - Challenges and Opportunities
- 1220-1240 **Jennifer Harnett** (University of Edinburgh): Folding and Sticking: How DNA Origami's Sticky Interactions Dominate Topological Effects in Rheology
- 1240-1300 **Flash poster presentations:** Daisy Akgonullu, James Austin, Naomi Crabbe, Josh Mckeown, Niamh O'Donoghue, Ruairí Phelan, Ofelia Popescu, Ella Sapsford
- 1300-1350 **Lunch** (Restaurant, Lower Ground Floor)
- 1350-1420 **Poster viewing** (Salisbury Suite)
- Session Chair: Kieran Fagg
- 1420-1440 **Vinay Kopnar** (Durham University): How does synergy play a role in the mechanics of a double-network hydrogels?
- 1440-1500 **Megan Holdstock** (University of Leeds): The Impact of Insoluble Particles on the Rheology and Structure of Edible Fats
- 1500-1520 **Saabir Petker** (University of Edinburgh): A Molecular Dynamics Study Towards Barocaloric Polymer Simulations
- 1520-1550 **Tea/coffee with posters**
- Session Chair: Quandeel Saleem
- 1550-1610 **Will Ogle** (University of Leeds): DCM Alternatives for use in Steglich Esterifications, for Green and Sustainable Liquid Crystal Syntheses
- 1610-1630 **Ke Sun** (Durham University): Nanoparticle adhesion at liquid interfaces
- 1630 **End of day one**
- 1930 **Conference Dinner:** Hotel du Vin Bistro @ 1930 (11 Bristo Place EH1 1EZ)

## Thursday 10 October 2024

	Session Chair: Joe Bradley (0915-1055)
0915-0935	<b>Jinyi Xuan</b> (Durham University): Acid-Base Switchable Synthetic Small Molecule Walkers
0935-0955	<b>Serena Berberolli</b> (University of Leeds): Investigating gut microbiota-mucus interactions within an engineered colonic simulator
0955-1015	<b>Benjamin Devenish</b> (Durham University): From Tip to Ship: Characterisation of New Marine Antifouling Coatings
1015-1035	<b>Holly Bridge</b> (University of Edinburgh): Dense Suspensions of Rods: Mechanisms of Curvature-Dependent Jamming
1035-1055	<b>Toby Read</b> (University of Leeds): Rapid and Robust Living Anionic Polymerization Screening using an Automated flow reactor
1055-1125	<b>Tea/coffee with posters</b>
	Session Chair: Cameron McAllister
1125-1145	<b>Flash poster presentations:</b> Harvey Smart, Supreeth Sundar, Aqib Asif, Guanyi Chen, Qandeel Saleem, Chloe Shilling, James King
1145-1205	<b>Bianca Hazt</b> (University of Leeds): Effect of thermal treatment on lactoferrin: unveiling insights for mucoadhesion
1205-1225	<b>Martin Screen</b> (Durham University): Crystallising Proteolysis Targeting Chimeras
1225-1245	<b>Mahya Mehari</b> (University of Edinburgh): The interplay between topography and contact line pinning mechanisms on flat and superhydrophobic surfaces
1245-1330	<b>Lunch</b>
1330-1400	<b>Poster viewing</b>
	Session Chair: Simon Titmuss
1400-1450	<b>Dr David Fairhurst</b> (University of Edinburgh): The Ouzo effect: adding a splash of dynamics to the Water/Ethanol/Oil phase diagram
1450-1500	<b>Awarding of prizes, closing remarks:</b> Prof Colin Bain

All Showcase details including talk and poster abstracts available here:

