

Advanced School in Liquids and Complex Fluids 'Solutions in the Snow'

Programme

Monday 5 December 2022

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| 1pm | Registration and Lunch |
| 2pm | Welcome |
| 2:15pm | Lecture: Making Complex Fluids Work for Refugees Professor Tony Ryan OBE |
| 3:15pm | Lecture 1: Elastic neutron scattering: Studying structures over many orders of magnitude Dr Gregory Smith |
| 4pm | Networking and Poster Session |
| 5pm | Day concludes |

Tuesday 6 December 2022

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| 9am | Lecture 2: Elastic neutron scattering: Studying structures over many orders of magnitude Dr Gregory Smith |
| 9:45am | Workshop: Elastic neutron scattering: Studying structures over many orders of magnitude Dr Gregory Smith |
| 10:30am | Morning Break |
| 11am | Lecture 1: Theory of inhomogeneous liquids in and out of equilibrium: density functional theory and its dynamical extensions Professor Andrew Archer |
| 11:45am | Lecture 2: Theory of inhomogeneous liquids in and out of equilibrium - density functional theory and its dynamical extensions Professor Andrew Archer |
| 12:30pm | Lunch |
| 1:30pm | Flash poster presentations |
| 3pm | Afternoon Break and Poster Session |
| 5pm | Day concludes |

Wednesday 7 December 2022

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| 9am | Workshop: Theory of inhomogeneous liquids in and out of equilibrium: density functional theory and its dynamical extensions Professor Andrew Archer |
| 9:45am | Lecture 1: Colloids at liquid interfaces - interactions, rheology, and materials Dr Job Thijssen |
| 10:30am | Morning Break |
| 11am | Lecture 2: Colloids at liquid interfaces - interactions, rheology, and materials Dr Job Thijssen |
| 11:45am | Workshop: Colloids at liquid interfaces - interactions, rheology, and materials Dr Job Thijssen |
| 12:30pm | Lunch |
| 1:30pm | Q&A Session |
| 2:15pm | Sessions conclude Gather belongings and walk to museum (for those attending) |
| 3pm | Tour at Kelham Island Museum |
| 4pm | Free time |
| 7pm | Conference Dinner Piccolino Restaurant |

Thursday 8 December 2022

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| 9am | Lecture 1: Theory and modelling of liquid crystal materials Professor Nigel Mottram |
| 9:45am | Lecture 2: Theory and modelling of liquid crystal materials Professor Nigel Mottram |
| 10:30am | Morning Break |
| 11am | Workshop: Theory and modelling of liquid crystal materials Professor Nigel Mottram |
| 11:45am | Lecture 1: Computer simulation - its impact on our understanding of liquids and complex fluids Professor Mike Allen |
| 12:45pm | Poster Prize and Closing Remarks |
| 1pm | Conference concludes |