

Transferable Opportunities for AI in Materials Chemistry Agenda

Location: Spaces at the Spine Building, Liverpool, L7 3FA

Date: Tuesday 8th September 2026

09:30 – 10:00 | Arrival & Refreshments

10:00 – 10:15 | Welcome from Professor Katie Atkinson, University of Liverpool

10:15 – 10:45 | Professor Michael Wooldridge, University of Oxford
Title: Agentic AI and Multi-agent Systems

10:45 – 11:15 | Professor Francesca Toni, Imperial
Title: Explainable AI for Contestability

11:15 – 11:45 | Break

11:45 – 12:15 | Dr Vladimir Gusev, University of Liverpool
Title: Towards algorithmic intelligence in materials discovery

12:15 – 12:45 | Dr Louise Dennis, University of Manchester
Title: Assuring and Verifying Autonomous Systems

12:45 – 13:45 | Lunch

13:45 – 14:15 | Professor Frans Oliehoek, TU Delft
Title: Interactive learning and decision making: towards AI scientists

14:15 – 14:45 | Professor Danushka Bollegala, University of Liverpool
Title: Mapping the Landscape of Foundation Models for Material Representation and Discovery

14:45 – 15:15 | Break

15:15 – 16:00 | Panel Session
Title: Reflecting on AI for Materials Chemistry: Challenges, Opportunities

16:00 – 16:15 | Close - Professor Matt Rosseinsky, University of Liverpool

16:15 – 17:15 | Networking Drinks Reception