

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

Chair – Katie Atkinson

10:45 – 11:15 | Professor Francesca Toni, Imperial

Title: Explainable AI for Contestability

11:00 – 11:30 | Dr Vladimir Gusev, University of Liverpool

Title: Towards algorithmic intelligence in materials discovery

11:30 – 12:00 | Break

Chair – Matthew Dyer

12:00 – 12:30 | Dr Louise Dennis, University of Manchester

Title: Assuring and Verifying Autonomous Systems

12:30 – 13:00 | Professor Danushka Bollegala, University of Liverpool

Title: Mapping the Landscape of Foundation Models for Material Representation and Discovery

13:00 – 14:00 | Lunch

Chair – Chris Collins

14:00 – 14:30 | Professor Michael Wooldridge, University of Oxford

Title: Agentic AI and Multi-agent Systems

14:30 – 15:00 | Professor Frans Oliehoek, TU Delft

Title: Interactive learning and decision making: towards AI scientists

15:00 – 15:15 | Break

15:15 – 16:00 | Panel Session – Katie Atkinson, Andy Cooper, Rahul Savani, Matt Rosseinsky

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