New Starters in AI for Chemistry Agenda

Location: Cloth Hall Court, University of Leeds
Date: Tuesday 27th January 2026

09:00 – 09:30 | Arrival & Refreshments

09:30 – 09:45 | Welcome

09:45 – 10:30 | **Keynote:** Dr Gabriella Pizzuto (University of Liverpool)
Title: Embodied AI For Next-Generation Robotic Chemists: A Roboticist's Perspective

10:30 – 10:50 | Dr Xenofon Evangelopoulos (University of Liverpool)
Title: Accelerating Chemical Discovery with Knowledge-guided Bayesian Optimisation

10:50 – 11:10 | Break

11:10 – 11:40 | Dr Sam Parkinson (Aston University)
Title: Towards Self-Driving Labs for Polymer Chemistry

11:40 – 12:00 | Dr Joe Marsden (University of Leeds)
Title: Digital Determination of No-Flow Conditions in Continuous Crystallisation

12:00 – 13:00 | Lunch

13:00 – 14:00 | Poster Session & Networking

14:00 – 14:20 | Dr Eleonora Ricci (University of Edinburgh)
Title: A Transfer Learning Approach to Predict Equation of State Parameters for Polymers

14:20 – 14.50 | Dr Michael Tilby (University of Bristol)
Title: Developing Photochemical Reactions with Unsupervised Machine Learning

14:50 – 15:10 | Dr William Robinson (Radboud University)
Title: Autonomous, AI enhanced robotic platforms for efficient and informative data collection of formulation properties

15:10 – 15:30 | Break

15:30 – 15:50 | Dr Angelo Frei (University of York)
Title: Using Machine Learning to Predict Properties of Metal Complexes

15:50 – 16:20 | Dr Emma King-Smith (University of Edinburgh)
Title: Finetuning Strategies for Deep Learning on Experimental Chemistry

16:20 – 16:30 | Close and Poster Prizes

16:30 – 18:00 | Networking & Drinks Reception