

Monday 29th June - Agenda

Time	Session
09.30 - 10.15	Registration and Refreshments
10.15 - 10.30	Welcome & Introduction - Prof. Andrew I Cooper - University of Liverpool Director, Leverhulme Research Centre for Functional Materials Design & Co-Director AI for Chemistry Hub (Alchemy)
10.30 - 11.00	Prof. Alison Noble - University of Oxford, UK Talk Title TBC
11.00 - 11.30	Prof. Sami Kaski - University of Manchester, UK Talk Title TBC
11.30 - 12.00	Break
12.00 - 12.30	Prof. Christopher Künneth - University of Bayreuth, Germany Talk Title TBC
12.30 - 13.00	Prof. Elena Besley - University of Nottingham, UK Machine learning insights into predicting biogas separation in metal-organic frameworks
13.00 - 14.30	Lunch and Poster Presentation Session
14.30 - 15.00	Prof. Kevin Rossi - Delft University of Technology, Netherlands Uncertainty in the era of artificial intelligence for materials science
15.00 - 15.30	Dr. Evan Spotte-Smith - University College Dublin, Ireland Caution & Care: Practicing Ethical Chemistry in an Era of "AI"
15.30 - 16.00	Break
16.00 - 16.30	Teodoro Laino - IBM Research, Zurich Laboratory From Transformers to Multimodal Chemistry Building a catalysis model that reads text, structures, spectra & image
16.30 - 17.00	Prof. Timothy Noël - University of Amsterdam, Netherlands RoboChem and the Rise of Intelligent (Flow) Chemistry
17.00 - 18.30	Networking Drinks & Poster Presentation Session
18.30 - 22:00	Conference dinner

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09.00 - 10.00	Arrival and Refreshments
10.00 - 10.30	Prof. Lilo Pozzo - University of Washington USA Digital Twins' for Nanoparticle Assembly from High-Throughput Experiments and Simulation
10.30 - 11.00	Prof. Jie Xu - University of Chicago, USA Advancing Polymer Innovation with Polybot
11.00 - 11.30	Break
11.30 - 12.00	Prof Wilhelm Huck - Radboud University, Netherlands Controlling mesoscale systems using self-driving labs
12.00 - 12.30	Prof. William Dichtel - Northwestern University, USA Two Dimensional Polymers and Polymerizations
12.30 - 14.00	Lunch and Poster Presentation Session
14.00 - 14.30	Prof. Alexei Lapkin - University of Cambridge, UK Talk Title TBC
14.30 - 15.00	Dr. Ganna Gryn'ova - University of Birmingham, UK Modelling and Machine Learning of Framework Materials: from Fragments to Topologies
15.00 - 15.30	Dr. Nadia Erkamp - Eindhoven University of Technology, Netherlands Self-driving laboratories for autonomous discovery of Biological soft matter
15.30 - 16.00	Prize Presentations and Closing Remarks - Prof. Kim Jelfs - Imperial Co-Director AI for Chemistry Hub (Alchemy)