

Innovations in Process Chemistry & Technology:

The Digital Catalyst - Transforming Processes, People and Possibilities

Leeds University - 21st November 2025

Sponsors:



Organising Committee:

Steve Twiddle, Alan Steven, Bao Nguyen, Cathy Dwyer, Fraser Kerr, Ian Ball.

Agenda

09:30 Arrivals and Registration

10:00 Welcome & Introduction

10:10 Dr Katharina Roettger, CPI & Rhys Kelly, M&I Materials
'Journey towards digital transformation: Leveraging historic data to optimise varistor manufacturing'

10:40 Dr Carl Tipton, Johnson Matthey
'Industrial IOT in the Process Sector: a Case Study'

11:10 Coffee Break

11:40 Dr Meera Shah, Mitsubishi Chemical UK and Dr Adam Wilson, Keit Industrial Analytics
'Application of online process analytics to the Alpha MMA process'

12:10 Panel Discussion

12:40 Sponsors & Poster Introductions

13:00 Lunch & Posters Session

14:30 Dr Sourav Chatterjee, The University of Bath
'From Bench to Algorithm: Teaching Digital Chemistry to the Next Generation of Chemists'

15:00 Dr Dongda Zhang, The University of Manchester
'AI Lessons from Discovery Models to Molecule Generation: Scaling Intelligence Across Process Chemistry'

15:30 Dr Adam Clayton, The University of Leeds
'The Chemist of the Future'

16:00 Panel Discussion

16:30 Closing Remarks

16:35 Drinks Reception