



Catalysis Special Interest Group

Reactors, Scale-Up and Separations: Process Intensification, Integration and Multifunctionality

12 September 2019

SCI, 14/15 Belgrave Square, London, SW1X 8PS, United Kingdom

10.00 Registration and refreshments

10.55 Opening remarks

11.00 *Novel catalytic distillation processes for a sustainable chemical industry*
Prof Anton Kiss, The University of Manchester

11.30 Keynote speaker: *Scaling-up chemical processes of the future*
Prof Ruud van Ommen, Delft University of Technology

12.15 Flash presentations

12.45 Lunch, exhibition and posters

13.45 Keynote speaker: *The downs and outs of scale up*
Prof Hugh Stitt, Johnson Matthey

14.30 *Nature-inspired engineering: Exploiting thin film flow processing for chemical and bioprocess intensification*
Dr Kamelia Boodhoo, Newcastle University

15.00 Refreshment break, exhibition and posters

15.30 *Manufacturing of nanostructured materials in microreactors*
Dr Laura Torrente, University of Cambridge

16.00 *Process intensification in catalyst-coated tube reactors*
Dr Nikolay Cherkasov, University of Warwick/Stoli Catalysts

16.30 *Utilizing mechanistic modelling to assist in the process development of pharmaceutical drug substance processes*
Dr Sam Wilkinson, Process Systems Enterprise

17.00 Closing remarks

17.15 Networking reception