



International Symposium

1- 2 June, 2016
Basel Messe, Basel,
Switzerland

Survival in the Speciality Chemicals Industry

Sustainability and Process Intensification

Energy efficiency, process efficiency and waste reduction delivered by advanced manufacturing technologies offer opportunities for companies to gain commercially. Sustainability now covers much more than green chemistry and a desire to utilise naturally derived materials. The Symposium will address both the decarbonisation and sustainability themes.

This two day international symposium organised by the Speciality Chemicals Sector of the RSC in association with The Knowledge Transfer Network will be held in conjunction with the 2016 Chemspec Europe and Chemsourcex Exhibitions organised by Mack Brooks Exhibitions Group. Delegates will be able to pick and choose which lectures they attend. There is no registration or registration fee to attend the symposium but, as the Lecture Theatre is inside the Exhibition Hall, it is advised to register to attend the Exhibition as this will greatly speed up your entry to the Exhibition Hall on the day. To go to the Chemspec Europe website for registration for the Chemspec/Chemsourcex Exhibition [please click here](#).

Programme

Session 1, June 1

Chairman: Gareth Jenkins, AM Technology, UK

- 10.00 Living Circular: Transforming Circular Thinking into Sustainable Business Models
Forbes McDougall, Veolia, UK
- 10.30 Continuous Flow Reactors: An Opportunity for the Development of Flexible and Sustainable Production Processes
Charlotte Wiles, Chemtrix, The Netherlands
- 11.00 Asymmetric Hydrogenation: A Sustainable Technology for Pharmaceutical Manufacture
Ian Lennon, Chiral Quest, UK

Session 2, June 1

Chairman: Phillip Broadwith, RSC Chemistry World, UK

- 11.30 Process Intensification: A Prerequisite for Success in Custom Manufacturing
Guido Giffels and Christoph Schaffrath, Saltigo, Germany
- 12.00 How to Reduce Waste and Recover More Precious Metals Using the Smartest Silica Technology
Sophie Purser, PhosphonicS, UK
- 12.30 Sulfonation Chemistry - More Sustainable Approaches
Jörg Schrickel, CABB, Switzerland

13.00 Lunch Break

Session 3, June 1

Chairman: Bruce Lane, RSC Speciality Chemicals Sector, UK

- 13.30 Process Intensification of Industrial Biocatalysis – How to Scale up Without Huge Reactor Volumes
Gareth Jenkins, AM Technology, UK
- 14.00 The Future of Chemistry: Continuous Flow Reactions
Massimo Bertoldi, La Mesta Chimie Fine, France
- 14.30 PYRROC as an Alternative to Copper Catalysts in Strain Promoted Azide-alkyne Cycloaddition Reactions
Corinna Gröst, OSC OrganoSpezialChemie, Germany

Session 4, June 1

Chairman: Sophie Purser, PhosphonicS, UK

- 15.00 Functional Materials from Cellulose: Tissue Scaffolds, Formulation Ingredients and Printed Materials
Janet Scott, University of Bath, UK
- 15.30 Novel Catalytic Systems for Selective Transesterification Reactions
Koen Van Aken, EcoSynth, Belgium
- 16.00 Close

Session 5, June 2

Chairman: Phillip Broadwith, RSC Chemistry World, UK

- 10.00 What Does a Truly Eco-friendly Product Look Like? You Might be Surprised!
Denis O'Sullivan and Antonio Quintieri, Proctor and Gamble, Belgium
- 10.30 Solvent Selection for Sustainable Chemical Development
Paul Murray, Paul Murray Catalysis Consulting, UK
- 11.00 Sustainability in the Chemical Manufacturing Industry from a Small & Medium-sized Enterprise's (SME)'s Perspective
Simon Grant, Thomas Swan & Co, UK

Session 6, June 2

Chairman: Tom Porter, Thomas Swan & Co, UK

- 11.30 Biocatalysis - Gene to GMP (Good Manufacturing Practices)
Tom Moody, Almac, UK
- 12.00 Modern Catalysis in Fine Chemical Transformations
Paolo Braiucă, Johnson Matthey - Fine Chemicals, UK
- 12.30 Continuous Flow Technology as an Attractive Approach to Move Towards the 'Factory of Tomorrow'
Anne Kaaden, Ehrfeld Mikrotechnik BTS, Germany
- 13.00 Close

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