



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 Braiuca, 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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