



Profit from Sustainable Chemistry

This two day international symposium organised in association with The Knowledge Transfer Network and the Green Chemistry Network is being held in the Royal Society of Chemistry Lecture Theatre in the Chemspec/Chemsource Exhibition Hall, Hungexpo, Budapest, here at the 2014 Chemspec Europe and Chemsource Exhibitions organised by Quartz Chemicals. It will address the challenges facing small scale businesses in minimising waste and operating at a profit using sustainable chemistry. Innovative developments in this field will be highlighted. There is no registration or registration fee to attend the symposium.

Free Attendance

Delegates will be able to pick and choose which lectures they attend.

Programme

Session 1, June 18

Design for a Circular Economy Chairman: *David Karsa*

- 10.30 Design for a Circular Economy - a Company Pathway to the Challenge of Critical Raw Materials
David Peck, Ind Des Eng, Delft University of Technology, The Netherlands
- 11.00 Closed Loop Emotionally Valuable E-waste Recovery Research Project
Janet Scott, Bath University, UK
- 11.30 What's in my Stuff
Hywel Jones, Sheffield Hallam University, UK

Session 2, June 18

Sustainable Processes Chairman: *Bruce Lane*

- 12.00 Opportunities for the Development of Sustainable Production Processes
Charlotte Wiles, Chemtrix BV, UK
- 12.30 Chlorination and Sulfonation - Surprisingly Sustainable
Jörg Schrickel, CABB AG, Switzerland

Lunch Break

Session 2 (contd), June 18

Sustainable Processes Chairman: *Bruce Lane*

- 13.30 Profit from Sustainable Chemistry - Application of Biocatalysis to Improve Sustainability in Industrial Production
Pascal Duenkelmann, evocatol GmbH, Germany
- 14.00 Functionalised Silicas - Tools for Sustainable Chemistry
Sophie Purser, Phosphonics, UK
- 14.30 Holistic Project Management - How to Add Value by Continuous Improvement Along the Process Chain
Boris E. Bosch, Saltigo GmbH, Germany
- 15.00 Holistic Evaluation of Processes to Create More Sustainable Solutions
Peter Saling, BASF SE, Germany

Session 3, June 18

Scarce Element Recovery Chairman: *Simon Rushworth*

- 15.30 Capture Your Metals and Release Hidden Value - Innovative Developments in Metal Scavenging
Pasi Kauppinen, Johnson Matthey, Finland
- 16.00 **Close**

Session 3 (contd), June 19

Scarce Element Recovery Chairman: *Simon Rushworth*

- 10.30 Materials Security Innovation Opportunities
Catherine Joce, CIKTN, UK
- 11.00 Approach on Substance Management and Substitution - Case Studies on Certain CRM Phase-outs
Matti Rahko, Nokia, Finland

Session 4, June 19

Waste Valorisation Chairman: *Tom Porter*

- 11.30 Recovery, Custom Processing & Responsible Disposal - Including Value Added Waste Stream Examples
Allan Jensen, Chemoxy, UK

Session 5, June 19

Solvent Recovery & Recycling Chairman: *Tom Porter*

- 12.00 Chemical Purification Companies Hold a More and More Important Role in the Value Chains of Chemical and Pharmaceutical Industries
Paul Kriekemans, DNCP, Belgium
- 12.30 Solvent Recycling - Sustainability in Practice
Adisa Azapagic, Ethos Research, UK
Introduction by Andrew Crowther, representing European Solvents Recycler Group, Belgium
- 13.00 **Close**

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