

RSC Speciality Chemicals Sector Symposium 2008: The Sustainability Challenge

Programme

June 18

Session 1 Renewable Raw Materials in the Speciality Chemicals Industry

- 10.00am How to Identify and Evaluate Sustainable Materials for the Chemical Industry
Peter Saling, BASF, Germany
- 11.00am Opportunities for the Production of Fine and Specialty Chemicals from Renewable Raw Materials
Pierre Gallezot, CNRS, France
- 12.00am Surfactants Based on Renewable Resources for Personal Care and Home Care
Ansgar Behler, Cognis, Germany

Session 2 Reducing the Impact of Solvents

- 1.00pm A Comprehensive Framework for the Environmental Assessment of Solvents
Konrad Hungerbühler, ETH Zürich, Switzerland
- 2.00pm Ionic Liquids and their Potential Role in Speciality Chemicals
Neil Winterton, Liverpool University, UK
- 3.00pm Continuous Crystallisation Technology
Xiong-Wei Ni, NiTech Solutions Ltd, UK

June 19

Session 3 Sustainable Manufacturing

- 10.00am Sustainable Manufacturing – Profit from the Future
Malcolm P Wilkinson, Sustinium and IChemE Sustainability Subject Group, UK
- 10.45am Green Chemistry at Pfizer
James Long, Pfizer, UK
- 11.30am Lessons Learned Through Measuring Green Chemistry Performance – The Pharmaceutical Experience
Richard Henderson, GlaxoSmithKline, UK

Session 4 Sustainable Manufacturing (continued)

- 12.15pm Recycling Precious Metals Using Functionalised Silica Scavengers and Catalysts
David Astles, PhosphonicS Ltd, UK
- 1.00pm Evolving Enzymes for Highly Efficient Chemical Processes
Pascal Duenkelmann, Julich Chiral Solutions GmbH, Germany
- 1.45pm Detoxifying Waste Water through Immobilized Laccase Based Bioremediation
Rob Onderwater, Wetlands Engineering SPRL, Belgium
- 2.30pm Developing a Toolbox for Application of Novel In-situ Product Removal Methods in Fermentative Processes
Jean-Marie Bassett & Mark Roelands, TNO Science & Industry, The Netherlands