

International Symposium

Re Sourcing our Resources

Reducing Environmental Impact

In the modern world alternative sources of chemicals and materials are being explored to improve processes by replacing hard to get starting materials or increasing efficiencies, or both. Particular attention has been paid to extracting value from waste (especially materials that pollute the environment) and from recycling, reusing, or repurposing activities which offer many extra benefits from just a cheaper source of key precursor compounds to high value processes. In other areas the study of natural resource utilisation to access novel chemistry offers an attractive alternative to current practices.

There will be a programme of internationally acclaimed speakers, mostly from industry and from companies making pioneering advances in the science, understanding and development of new approaches to sustainability.

This two day international symposium organised by the Speciality Chemicals Sector of the RSC will be held in conjunction with the 2019 Chemspec Europe and Chemsource 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 information on the Chemspec/Chemsource Exhibition [please click here](http://www.rscspecialitychemicals.org.uk).

Speakers include:

Wonder from Waste: the Chitosan Story

Simon Exton, CuanTec Ltd., UK

High-performing, Safe and Sustainable Chemicals from Waste Wood

Fabien Deswarte, Circa Sustainable Chemicals Ltd., UK

Sustainable Biocatalytic Synthesis of β -Hydroxyl- α -amino acids on an Industrial Scale

Grzegorz Kubik, Enzymaster Deutschland GmbH, Germany

Sustainability in Chemical Packaging

Arash Hassanian, Hoover Ferguson Group Inc, USA

Future of Biocatalysis – Enzymatic Reactions in Continuous Flow Processes

Vince Murphy, EnginZyme AB, Sweden

Squeezing More Than Just Orange Juice: Citrus Peel Valorisation

Avtar Matharu, University of York, UK

Membrane Enhanced Chemical and Biochemical Processes: the Effect of Nanomodification of Membrane Surface on Process Efficiencies

Marzio Monagheddu, VITO NV, Belgium

New Microcapsule Technology: Enabling a Future of Safer Laundry Products and Cleaner Oceans

Jamie Walters, Calyxia, France

'Citius, Altius, Fortius' - Challenging Process Design with a Proven Rationale Approach to Improve Sustainability

Marc-Olivier Simon, Ypso-Facto, France

Carbon Footprint of Recycled Chemicals: Sustainability in Action

Andrew Crowther, Tradebe, UK

Chemocatalysis – a Tool of Green Chemistry

Florian Bächle, Solvias AG, Switzerland