



International Symposium

31 May - 1 June, 2017
Chemspec Europe
Munich Trade Fair Centre
Munich, Germany

Continuous Flow Chemistry for Industrial Processes

Across Speciality and Fine Chemical Market Sectors

The production of speciality chemicals is still heavily reliant on batch processes and this symposium will highlight recent developments focussed on the growth of continuous processes in the fine chemicals and pharmaceutical industries.

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 2017 Chemspec Europe and Chemsourc Exhibition 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/Chemsourc Exhibition [please click here](#).

Programme

Session 1, May 31

Chairman: [Bruce Lane, RSC Speciality Chemicals Sector](#)

10.00 Improving Manufacturing in the Pharmaceutical Industry Through the Implementation of Continuous Processing
[Sarah Hunter, GSK, UK](#)

10.30 Continuous Flow Reactors: Applications of Discovery, Process Development and Material Production
[Charlotte Wiles, Chemtrix, The Netherlands](#)

11.00 Process Intensification for Chemical Manufacturing Using Continuous Flow Processing
[Christian Hornung, CSIRO, Australia](#)

Session 2, May 31

Chairman: [Gareth Jenkins, Britest Ltd., UK](#)

11.30 Continuous Filtration Washing and Drying - Addressing a Critical Gap in Developing Continuous Pharmaceutical Manufacturing Processes
[Chris Price, EPSRC, University of Strathclyde, UK](#)

12.00 Continuous Efficient Multistage Extraction
[Andrea Adamo, Zaiput Flow Technologies, U.S.A](#)

12.30 Functionalized Silicas Enabling Flow Chemistry Applications for the Development of Fine and Speciality Chemicals
[Eric Beausoleil, SiliCycle, Canada](#)

13.00 Lunch Break

Session 3, May 31

Chairman: [Phillip Broadwith, RSC Chemistry World, UK](#)

14.00 3D-printed Metal Flow Reactors and Mixers
[André de Vries, Innosyn, The Netherlands](#)

14.30 Continuous Manufacturing: Process Intensification Strategies in Synthesis, Workup and Formulation with a Special Focus on Solids
[Dirk Kirschneck, Microinnova Engineering, Austria](#)

Session 4, May 31

Chairman: [Mark Bratt, IntensiChem Ltd., UK](#)

15.00 Enzyme Immobilization as an Enabler for Biocatalysis in Flow
[Karim Engemark Cassimjee, EnginZyme, Sweden](#)

15.30 Roadmap to Scale-up Success: From Bench to Market
[Zoe Codolà, Medichem, Spain](#)

16.00 Close

Session 5, June 1

Chairman: [Phillip Broadwith, RSC Chemistry World, UK](#)

10.00 Advanced Flow Reactors: Made for Industrial Productions
[Alessandra Vizza and Marc Winter, Corning, France](#)

10.30 Ultrasonically-Assisted Catalysis Processes in Continuous Flow
[Kathrin Hielscher, Hielscher Ultrasonics, Germany](#)

Session 6, June 1

Chairman: [Mark Bratt, IntensiChem Ltd., UK](#)

11.00 Growth from David to Goliath: Millireactor for Multi-Ton Production Application
[Andrea Henseler, Ehrfeld Mikrotechnik BTS, Germany](#)

11.30 A New Step Forward for Continuous Flow Processing
[Massimo Bertoldi, La Mesta, France](#)

Session 7, June 1

Chairman: [Tom Porter, Thomas Swan & Co Ltd., UK](#)

12.00 Optimisation of Industrial Crystallisation Processes – Case Studies from the CMAC Future Manufacturing Research Hub
[Thomas McGlone, CMAC, University of Strathclyde, UK](#)

12.30 High Performance Fixed Bed Flow Hydrogenation: Expanding the Commercial Manufacturing Envelope
[Oliver Tames, IntensiChem, UK](#)

13.00 Success Stories and Trends of Flow Chemistry at Industrial Scale
[Laurent Pichon, MEPI, France](#)

13.30 Close

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