



– Intensifying a 100 Year Old Process –
Control of Emulsion Polymerisation Symposium
14th & 15th January 2015, Frankfurt, Germany

PROGRAMME

Day 1 – Wednesday 14 January 2015

13:00 – 13:30	Registration
13:30 – 14:00	Plenary session – Prof. David HADDLETON - University of Warwick, UK (COOPOL)
	Prof. José M. ASUA - University of the Basque Country UPV/EHU, Spain
14:00 – 14:45	Presentation: <i>Opportunities and Challenges in Continuous Production of Emulsion Polymers</i>
	Prof. Dr. Ing. Juraj KOSEK - Institute of Chemical Technology Prague (VSCHT), Czech Republic (COOPOL)
14:45 – 15:15	Presentation: <i>Modelling of Emulsion Copolymerization Reactors: from Kinetics and Thermodynamics to the Dispersion Stability</i>
15:15 – 15:35	Break
	Prof. Dr. Volker HESSEL - Eindhoven University of Technology TU, Netherlands
15:35 – 16:20	Presentation: <i>Flow Chemistry Activation, Flow Polyreactions and Flow-Made Polymer Particles</i>
	Prof. Alexander Mitsos - RWTH Aachen University, Germany (COOPOL)
16:20 – 16:50	Presentation: <i>From Sensor Tips to State and Parameter Estimates</i>
16:50 – 19:20	Poster Exhibition and Networking Session (with finger buffet)

Poster Exhibition sponsored by Macromolecular Journals, Wiley-VCH



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Day 2 – Thursday 15 January 2015

8:30 – 9:00	Registration
9:00 – 9:15	Welcome words - Prof. Klaus DIETER HUNGENBERG - BASF, Germany (COOPOL)
9:15 – 10:00	Prof. Massimo MORBIDELLI - ETH Zürich, Switzerland Presentation: <i>Polymer Colloid Engineering</i>
10:00 – 10:45	Dr. John TSAVALAS - University of New Hampshire, USA Presentation: <i>Semi-Batch Emulsion Polymerization: Influence of Carboxylic Acid and Divinyl Monomers on Kinetics and Morphology Control</i>
10:45 – 11:05	Break
11:05 -11:35	Dr. Ing. Peter SINGSTAD - Cybernetica, Norway (COOPOL) Presentation: <i>Robust Optimization-Based Control for Process Intensification</i>
11:35 – 12:20	Prof. Dr. Ir. Stefan BON - University of Warwick, UK Presentation: <i>Supracolloidal Polymer Chemistry: Hybrid Polymer Latexes and Responsive Microgels</i>
12:20 – 13:20	Lunch and Networking
13:20 – 13:50	Prof. Dr. Hans-Ulrich MORITZ - University of Hamburg, Germany (COOPOL) Presentation: <i>Process Intensification of Continuous Emulsion Polymerisation</i>
13:50 – 14:35	Prof. Dr. Ing. Sebastian ENGELL - TU Dortmund (Process Dynamics and Operations Group, Biochemical and Chemical Engineering Department), Germany Presentation: <i>Robust Optimizing Control of Chemical Processes</i>
14:35 – 14:50	Break
14:50 – 15:20	Mr. Omar NAEEM - BASF, Germany (COOPOL) Presentation: <i>Intensification of Semi-Batch Emulsion Polymerisation Processes – A Demonstration Case Study @ BASF</i>
15:20 – 15:50	Mr. Sébastien Mortier - Research Programme Officer at European Commission - DG-RTD Presentation: <i>The Role of Process Intensification within the European Union Spire Programme and EU Funding Possibilities To Further Research</i>
15:50 – 16:00	Closing remarks