



COOPOL Researchers Out and About

With the project well underway the number of research advances achieved by the partners has risen significantly and this effort is reflected in the number of articles, presentations and posters submitted to international journals and conferences. The news page of the COOPOL website has previously highlighted the content of material disseminated by team members after the fact but now we feel that it would be useful to the community to be advised in advance to maximise the engagement potential at each event. Below is a list of talks to be presented by COOPOL researchers at conferences in the coming months. Please bookmark these opportunities to hear how our work is progressing and future plans to demonstrate new innovations in true production scale facilities.

Online Monitoring of Emulsion Polymerization with Raman Spectroscopy, Conductivity and Mass Spectroscopy	C. Houben A. Lapkin	EUROPACT 2014 EuroPACT 2014	06/05/2014 to 09/05/2014
Modeling of Emulsion Copolymerization in Semi-batch and Continuous Tubular Reactors	A. Zubov R. Pokorný, P. Matuška, J. Kosek	Hangzhou International Polymer Forum HIPF2014	14/05/2014 to 17/05/2014
Discrete element model of agglomeration and fouling of emulsions	M. Kroupa M.Vonka, J. Kosek	Hangzhou International Polymer Forum HIPF2014	14/05/2014 to 17/05/2014
Closed loop control of Semi-Batch Emulsion Polymerizations	P. Broge W. Pauer, H.- U. Moritz	Hangzhou International Polymer Forum HIPF2014	14/05/2014 to 17/05/2014
Online Monitoring of Emulsion Polymerization with Raman Spectroscopy, Conductivity and Mass Spectroscopy	C. Houben A. Lapkin	Czech Congress of Chemical and Process Engineering CHISA 2014 chisa 2014	23/08/2014 to 27/08/2014
Mathematical Model for On-line Control of Emulsion Copolymerization in Semi-batch and Smart-scale Reactors	R. Pokorný A. Zubov, P. Matuška, J. Kosek	Czech Congress of Chemical and Process Engineering CHISA 2014 chisa 2014	23/08/2014 to 27/08/2014

Coagulation and fouling in dispersions modeled by discrete element method	M. Kroupa M.Vonka, J. Kosek	Czech Congress of Chemical and Process Engineering CHISA 2014 chisa 2014	23/08/2014 to 27/08/2014
Robust Dynamic Real-Time Optimization of a Semi-Batch Emulsion-Copolymerization Process with Uncertainties in the Parameter Values	J. Puschke A. Mitsos	American institute of Chemical engineers (AIChE) Annual Meeting aiche 2014	16/11/2014 to 21/11/2014
Properties of charge-stabilized dispersions under high shear modeled by Discrete Element Method	M. Kroupa M.Vonka, J. Kosek	American institute of Chemical engineers (AIChE) Annual Meeting aiche 2014	16/11/2014 to 21/11/2014
Intensification of Emulsion Copolymerization – Development and Application of Mathematical Model for Nonlinear Model Predictive Control	R. Pokorný A. Zubov, P. Matuška, M. Kroupa, J. Kosek	American institute of Chemical engineers (AIChE) Annual Meeting aiche 2014	16/11/2014 to 21/11/2014
Monitoring aqueous SET-LRP reactions using an advanced polymerization reactor	G. Nurumbetov	American institute of Chemical engineers (AIChE) Annual Meeting aiche 2014	16/11/2014 to 21/11/2014
Aqueous living radical polymerisation using copper complexes: The Perrier effect	D. Haddleton	American institute of Chemical engineers (AIChE) Annual Meeting aiche 2014	16/11/2014 to 21/11/2014
A data processing framework for online monitoring and optimization of emulsion polymerization processes	P. Joy A. Mhamdi, A. Mitsos	American institute of Chemical engineers (AIChE) Annual Meeting aiche 2014	16/11/2014 to 21/11/2014