

Mixing XXII Conference

June 20-25, 2010 • Hotel Grand Pacific • Victoria, British Columbia, Canada

POSTER SESSION

Author	Title	Affiliation
Ali Soltanzadeh	New Ideas in Mixing: Plug Flow Mixers	Univeristy of British Columbia
Andrzej W. Pacek	Ultrasonic De-agglomeration of Pigments Nano-Particles	School of Chem. Eng., University of Birmingham
Antonio Hidalgo Milan	Effect of Eccentricity on the Pumping Capacity in an Unbaffled Vessel	Universidad Nacional Autonoma de Mexico
Chris Hibshman	Improved Mass Transfer Efficiency in Wet Limestone Flue Gas Desulfurization	Philadelphia Mixing Solutions
Chris Hibshman	Solids Suspension at Low Liquid Level Mixing	Philadelphia Mixing Solutions
David A.R. Brown	The Use and Abuse of Shear Rates in Mixing	BHR Group
Elina Nauha	The Mixing of a Viscous Xanthan Solution: Measurements and Modeling	Aalto University, Finland
Guiren Wang	Nanosopic Laser Induced Fluorescence for Concentration Measurement	Mech & Biomed Eng., University of South Carolina
Guiren Wang	Fast Micromixer in a Non-Uniform AC electric Field	Mech & Biomed Eng., University of South Carolina
Gul Ozcan-Taskin	Evolution of Dispersion Properties During the Delamination of Nanoclays	DOMINO, BHR Group
HansHerik Mortesen	Drop Break-up in High Pressure Homogenizers	Tetrapak
James F. Gilchrist	Understanding Mixing vs. Segregation: Migration of Suspensions in a Time-Periodic Lid Driven Cavity	Dept. Chem. Eng., Lehigh University
Jonathan Ritson	New Methods for Interface Detection Using Electrical Resistance Tomography	Industrial Tomography Systems
Jose Roberto Nunhez	Experimental Obtention of Power Consumption with Helical Ribbon Impellers Using Highly Viscous Liquids	Dept. Proc. Quimicos, UNICAMP, Brazil
Kent E. Wardle	Ongoing Studies of the Flow in Annular Centrifugal Contactors	Chem Sci & Eng. Division, Argonne National Laboratory
Kishore Kar	A Novel Slinger for Efficient Reflux Condensate Distribution in the Boiling Reactor	The Dow Chemical Company

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Manish Bhole	The Effect of Off-wall Clearance of a Side-Entry Impeller on Mixing of Pulp Suspensions in a Cylindrical Stock Chest	Dept. Chem & Bio Eng., UBC
Marcus Hoefken	About the Suspension of Plastic Media in Activated Sludge Tanks	INVENT Umwelt-und Verfahrenstechnik AG, Germany
Maria J. Garcia-Barberena	Liquid-Liquid Dispersion: Short time effects	Chem. Eng., Rowan University
Minye Liu	Computational Study on the Convection-Diffusion Mixing in Microchannel Mixers	DuPont Company
Richard Long	Muscle Action Dependence on the Damkohler Number	Dept. ChE, NMSU, Las Cruces, NM
Sebastian Maaß	Experimental Investigations of Stirred Liquid-Liquid Systems in Slim Reactors: Mixing Time and Minimum Dispersion Speed	Chem. Eng. Technische Universität Berlin
Suzanne Kresta	Coalescence in a Naturally Stabilized Liquid-Liquid-Solid Dispersion: Balancing Rapid Demulsifier Dispersion with Minimum drop Breakup	Chem. & Materials Eng. University of Alberta
Wisam Yenjaichon	Assesment of Mixing Quality for and Industrial Pulp Mixer Using Electrical Resistance Tomography	Dept. Chem & Bio Eng., UBC
Wojciech Wyczalkowski	CFD Mixing Design in Large Petroleum Storage Vessels	Philadelphia mixers
Wojciech Wyczalkowski	Energy Efficient Rapid Mixing in Water Plant	Philadelphia mixers
Wojciech Wyczalkowski	Energy Efficient Impeller Design for Anoxic Mixing Services	Philadelphia mixers
Wojciech Wyczalkowski	Energy Savings and Improved Mixing Performance of High Consistency Celulose with Modified Impeller Technology	Philadelphia mixers
Wojciech Wyczalkowski	Novel Super-Pitch, Circular Rake, Cambered, Zero-Velocity-Sump Propeller Design Performance Evaluated as a Function of the Number of Blades	Philadelphia mixers