Poster session and drinks: Sonata Room

P #	Authors	Abstract title	Affiliation
P1	Alberini, F Stamatopoulos, K	Use of super-hydrophobic surfaces to enhance mixing in a stirred vessel	University of Birmingham
P2	Algave, R Straw, M Eppinger, T Baran, O	Simulating Solid Suspension in Stirred Vessels with a Fully Coupled CDF-DEM Algorithm	Siemens PLM Software
P3	Al-Najjar, S Barigou, M	On The Error in Mass Transfer in a Stirred Vessel Predicted by Frössling-Type Correlations Based on Particle Settling Velocity	University of Birmingham
P4	Brito, M.A, Gonçalves, N.D. Fonte, C.P. Dias, M.M. Santos, R.J. Lopes, J.C.B	Formulation Screening in Rotational Shear Flow Devices	University of Porto
P5	Bach C., Albaek M. O., Krühne U. Gernaey K. V.	A novel in situ measurement method of bubble sizes in bioreactors using a high speed camera	Technical University of Denmark
P6	Cao, Z Jiaying, C Zhengming, G	The Numerical Simulation of a Single Bubble Breakup in Jet Flow	Beijing University of Chemical Technology
P7	Cardus, J Alberini, F Ingram, A Simmons, M	The Potential Of Reactive PLIF For The Evaluation Of Micromixing And Reaction Yield In Stirred Vessels	University of Birmingham
P8	Chekroun, A Lebaz, N. Thibault, D. Cockx, A. Morchain, J. Cagnac, O. Griffith, H.	Lagrangian particle tracking in an industrial photobioreactor	LISBP - INSA de Toulouse
P9	Cunliffe, C Baker, M.R. Martin, P.J. Martin, P.A. Mihailova, O.	Tracking compositional evolution during batch manufacturing using spectroscopic methods	Unilever/University of Manchester
P10	Date, T Komod1, Y Suzuki, H Hidema, R	Fluid deformation induced by a rotationally reciprocating anchor Impeller	Kobe University
P11	Parthasarathy, R Davoody, M Graham, L Youn, I Wu, J	Optimum design for the mitigation of scale in mixing tanks	RMIT University

	Raman, A		
P12	Fujiwara, M Misumi, R. Kaminoyama, M. Taniguchi, K. Katai, Y. Nishi, K.	Quantification by image analysis of mixing of two fluids with large viscosity ratio in static mixers having elements of two types	Yokohama National University
P13	Ghorbanian, S	Effect of Thixotropy on Fluid Mixing in a Stirred Tank	University of Birmingham
P14	Nadal Rey, G Grundtvig, I Hybschmann, T Gernaey, K Svendsen, T Krühne, U	Shape optimization of a gas-inducing impeller	Technical University of Denmark
P15	Hayashi, H Misumi, R. Kaminoyama, M. Nishi, K. Harjo, B.	Evaluation by image analysis of time evolution of the crystal particle aggregation state during batch cooling crystallization	Yokohama National University
P16	Hirata, Y	Mixing Processes in SAR Plate Static Mixers Combined with 180°-Rotation of Fluid Interface under Reversed Flow Operation	Osaka University
P17	Ifachsyad, D	Influence of Water Phase Temperature on Emulsion Produced with High Shear Mixer	PT. Tetra Pak Stainless Equipment
P18	Kanazawa, K Kamiya, H.	Energy Efficiency Improvement of a Cylindrical-Wall Revolving Mixer	Primix corporation
P19	Komoda, Y Date, T. Suzuki, H. Hidema R.	Power characteristics of a rotationally reciprocating anchor impeller	Kobe University
P20	Machin, T Simmons, M Greenwood, R Wei, K	Characterisation of Complex Multiphase Fluids Using Process Tomography	University of Birmingham/ITS
P21	Montante, G Maluta, F. Paglianti, A.	CFD modelling of biohydrogen production in a self-ingesting stirred tank	University of Bologna
P22	Masuda, H Yoshida, S. Horie, N. Ohmura2, T. Shimoyamada, M.	Mixing and heat transfer characteristics of Taylor-Couette flow with thermal instability	University of Shizuoka
P23	Migliozzi, S L.Mazzei, P.Angeli	Experimental and computational fluid dynamic studies of continuous mixing of highly-viscous non-Newtonian mixtures	University College London
P24	Murasieiwcz, H Pacek, A	Application of aqueous/aqueous and organic/aqueous dispersions for stem cell expansion in a stirred bioreactor	University of Birmingham
P25	Nagatomo, D Yajima, T Esaki, K	A study for slurry wear patterns of Maxblend®	Sumitomo Heavy Industries Process Equipment

	Ohmura,N		
P26	Nishi, K Saito, S	Power consumption and mixing performance of an eccentrically located large type impeller in a laminar region	Chiba Institute of Technology
P27	Ramsay, J Archer, R. Mellsop, S. Brown, C.	Effect of specific mechanical energy input on viscoelastic properties of a model cheese	Massey University
P28	Riccomi, M Alberini, F Brunazzi, E Vigolo, D	Ghost Particle Velocimetry implementation in millimetres devices and comparison with µPIV	University of Birmingham
P29	Rodiguez, G Micheletti, M. Ducci, A	Planar induced measurements in a shaken bioreactor for different fluid viscosity	University College London
P30	Scargiali, F Tamburini, A. Cipollina, A. Micale, G. Brucato, A.	Power consumption for particle suspention and liquid aeration of unbaffled bioslurry reactors	University of Palermo
P31	Fukunaga, S Toba, Y. Horie, T. Sugiyama, H. Kanda, A. Y. Hsu, T. Chen, T.H. Tung, K. L. Ohmura, N.	Effect of disk turbine impeller on lignin decomposition in a sonochemical vessel reactor	Kobe University
P32	Umair, A Prosser, R Kowalski, A	An energy transport based evolving rheology	Unilever/University of Manchester
P33	Vikhansky, A Eskin, D	Formation of liquid/liquid dispersion in a Couette device	cd-adapco.com (Siemens)
P34	Vipin, M Bagkeris1, I Prosser, R Kowalski, A	Modelling turbulent emulsification in an inline high shear static mixer	Unilever/University of Manchester
P35	Vlaev, S Tsibranska, I. Atanasova, D.	Hydrodynamic Characterization of a Dual Impeller Submerged Membrane Bioreactor (SMBR) Relevant to Single-Use Bioreactor (SUB) Options	Bulgarian Academy of Sciences
P36	Yajima, T Esaki, K	Fluid Analysis for NANOVisK by MPS method	Sumitomo Heavy Industries Process Equipment
P37	Wang, Y D. Ye, Y S. Tang, Q.	Optimisation of structural and operational parameters of a settler via CFD simulation in a mixer-settler	Tsinghua University
P38	Zhang, C Winterburn, J Rodgers T	Environmentally Friendly Personal Care Products	University of Manchester

P39	Zhang, J Zhengming, G Yating, C Ziqi, C Bao Y	Power consumption and mass transfer in a gas-liquid-solid stirred tank reactor with various triple-impeller combinations	Beijing University of Chemical Technology