

Pre-nominated Session FM20

Multiphase flows

Co-Chair(s): **S. Balachandar (USA)**
 J. Magnaudet (France)

Paper ID	Title	Authors
FM20S_10416	Large - Eddy Simulation of Particle Dispersion in the Duct with Fluid Injection	Konstantin N. Volkov
FM20S_10690	Sings of Flooding Instability in Inclined Liquid Films at High Pressure and Mass Transfer in High Density Gas Slugs	Maria J. F. Ferreira, Joao R. F. Guedes de Carvalho
FM20L_10843	Viscous and Viscoelastic Potential Flow	Daniel D. Joseph
FM20S_11189	Separation and Sorting of Heavy Particles Suspended in a Fluid by Settling in a Periodic Vorticity Field	Urbano Sanchez, Maria J. Moreno
FM20S_11655	Gas - Liquid Interfractal Distribution in Inclined Downward Pipe Flow	Elena Trostinetsky, Lev Shemer, Dvora Barnea
FM20S_11745	Videogrametry in Fluidized Bed Reactors	Stanislaw Anweiler, Roman Ulbrich
FM20L_12092	Gravity Induced Mixing of Miscible Fluids in Vertical and Inclined Tubes	Thomas Seon, Bernard Perrin, Dominique Salin, Jean-Pierre Hulin
FM20L_12139	Oscillatory Motion of Freely - Moving Light Bodies: from Cylinders to Disks	P. Cordeiro Fernandes, P. Ern, F. Risso, J. Magnaudet
FM20L_12332	Particle Turbulence Interaction	S. Balachandar, P. Bagchi, L. Wakaba, L. Zeng
FM20L_12342	Non - Uniform Flow Hydrodynamics of Deformable Shapes	T. Miloh
FM20L_12383	Mean Motion Induced in a Liquid by Rising Bubbles	Veronique Roig, Amaury Larue de Tournemine
FM20L_12397	Plane Couette Flow of Dense Liquid - Particle Suspensions	Jos Derksen, Sankaran Sundaresan
FM20S_12671	Simulation of Planar Wave Instabilities in Liquid - Fluidized Beds	Jos Derksen, Sankaran Sundaresan

FM20S_12886 Image Processing Method in Estimation of Bubble Daniel Zajac, Roman Ulbrich
Column's Work

FM20L_13012 Statistics and Preferential Distribution of Micro Maurizio Picciotto, Cristian
- Particles in Turbulent Boundary Layer: Implications Marchioli, Andrea Giusti,
for Resuspension Mechanisms Alfredo Soldati
