

Pre-nominated Session FM10

Experimental methods in fluid mechanics

Co-Chair(s): A. Leder (Germany)
 J. Westerweel (Netherlands)

Paper ID	Title	Authors
FM10S_10445	On the Evaporation of a Monodisperse Droplet Stream at High - Pressure	Grazia Lamanna, Han Sun, Bernhard Weigand, Davide Magatti, Pietro Micciche, Fabio Ferri
FM10L_11088	HPIV using Polarization Multiplexing Holography in Bacteriorhodopsin (bR)	V. S. S. Chan, W. D. Koek, D. H. Barnhart, T. A. Ooms, J. J. M. Braat, J. Westerweel
FM10S_11455	Time-resolved Wall Shear Stress Measurements using MEMS	Alister N. Gibson, Valery G. Chernoray, Lennart Loefdahl, Sjoerd Haasel, Goeran Stemme
FM10L_11909	Void Collapse and Jet Formation: The Impact of a Disk on a Water Surface.	Raymond Bergmann, Mark Stijnman, Devaraj van der Meer, Andrea Prosperetti, Detlef Lohse
FM10S_11916	Comprehensive Experimental and Computational Investigations of the Unsteady Flow in an Axial Flow Low Speed Compressor Stage	Andrzej S. Witkowski, Tadeusz J. Chmielniak, Mirosław M. Majkut, Michał D. Stozik, Jacek M. Zukowski
FM10L_12070	Experimental Detection of the New Phenomenon of Turbulent Thermal Diffusion	Alexander Eidelman, Tov Elperin, Nathan Kleorin, Alexander Krein, Igor Rogachevskii, Gerd Grunefeld
FM10S_12213	3D Vortices Structure Monitoring in Turbulent Flows by Digital Speckle Photography	Nikita A. Fomin, Andrey V. Krauklis, Elena I. Lavinskaya
FM10S_12719	Thermal-wave Resonator Cavity: Modelling and Applications for Water Mixtures	Anna Matvienko, Andreas Mandelis
FM10S_12855	Particle Image Velocimetry (PIV) for Cloud Droplets - Laboratory Investigations	Piotr M. Korczyk, Szymon P. Malinowski, Tomasz A. Kowalewski

FM10S_13048 Optical Diagnosis Systems for Measuring Thermofluid Dynamics Antonio Delgado, Ozlem Ozmutlu,
Phenomena in Liquid Biosystems Under Ultra High Christoph Hartmann, Albert
Pressure Baars
