

Pre-nominated Session FSM4

Fluid-structure interaction

Co-Chair(s): **J. Grue (Norway)**
 M.P. Paidoussis (Canada)

Paper ID	Title	Authors
FSM4S_10520	Coupled Frequencies of a Fluid-Structure Interaction Cylindrical System	Elena Gavrilova
FSM4S_10826	Fluid Structure Interaction in Multiphase Mixing Vessel	Matej Vesenjak, Zoran Ren, Matjaz Hribersek
FSM4S_10911	Piston Impact Onto the Boundary of Two - Layer Fluid	Tatiana I. Khabakhpasheva
FSM4L_11078	Nonlinear Dynamics of Pinned-Pinned Cylinders in Axial Flow	Michael P. Paidoussis, Yahya Modarres-Sadeghi, Christian Semler
FSM4S_11668	Interaction of Oscillating Flow with a Pair of Side - By - Side Square Cylinders	Ming-Jyh Chern, Ji-Zen Lu
FSM4L_11736	The Hydroelastic Destabilisation of Finite Compliant Panels	Anthony D. Lucey
FSM4L_11758	Water - Surface Dynamics Among a Periodic Array of Floating Bodies Subject to Regular Incident Waves	Hiroshi Kagemoto, Motohiko Murai
FSM4L_11801	The Mixing Layer Instability of Wind Over a Flexible Crop Canopy	Charlotte Py, Emmanuel de Langre, Bruno Moulia
FSM4S_11833	An Updated Arbitrary - Lagrangian - Eulerian Description in Continuum Mechanics and Its Application to Nonlinear Fluid-Structure Interaction Dynamics	J. T. Xing, W. G. Price
FSM4S_11912	Slender Body Theory Approach to Nonlinear Ship Motions	Edwin J. Kreuzer, Wolfgang M. Sichertmann
FSM4S_11986	Inverse Magnus Force in Free Molecular Flow	Andrzej Herczynski, Patrick Weidman
FSM4L_12175	Fast Multipole Algorithm for Wave Response Analysis of Floating Structures	Tomoaki Utsunomiya, Eiichi Watanabe

FSM4S_12521	Effect of an Oscillating Cylinder on a Neighbouring Cylinder Wake	Y. Yang, Y. Zhou, Z. Guo
FSM4L_12557	Disturbed-Laminar Flow Over an Oscillating Cylinder	John R. Chaplin, Dominique Mouaze
FSM4L_12956	PIV Experiments on Vortex Induced Vibrating Cylinders at High Reynolds Numbers	John Grue, Odin Gramstad, Arnaud Sanchis
FSM4S_13050	Influence of the Circular Cylinder Cross-Section Variation on the Near Wake Behaviour	Oualli Hamid, Hanchi Samir, Boubdallah Ahcene, Radomir Askovic