

Pre-nominated Session FM11

Flow control

Co-Chair(s): **J.B. Freund (USA)**
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Paper ID	Title	Authors
FM11S_10128	Liquids: The Holy Grail of Microfluidics Modeling	Mohamed Gad-el-Hak
FM11S_10872	Active Control of Shock/Boundary Layer Interaction in Transonic Flow Over Airfoils	Ramesh K. Agarwal, Jose L. Vadillo
FM11S_11043	Manipulating a Vee - Shaped Bluff Body Wake Using a Fluidic Oscillator	Rong F. Huang, Kuo T. Chang
FM11L_11394	Response on the Near Wall Turbulence to Localized Unsteady Blowing Periodical and Dissymmetric in Time	Sedat Tardu, Olivier Doche
FM11L_11636	Passive Control of Turbulent Flow behind a Model Vehicle for Drag Reduction Using Wake Disrupter	Dongkon Lee, Jin Choi, Woo - Pyung Jeon, Jeonglae Kim, Seonghyeon Hahn, Haecheon Choi
FM11S_11918	Control of Internal Supersonic Flow Separation	Andrzej Szumowski, Jan Wojciechowski
FM11L_12013	A Singular Value Analysis of Boundary Layer Control	Junwoo Lim, John Kim
FM11L_12068	Separation Control by Stationary and Time Periodic Lorentz Forces	Tom Weier, Gunter Gerbeth, Gerd Mutschke
FM11L_12156	On the Possibility and Prospects of Turbulent Flow Noise Control	Victor F. Kopiev
FM11S_12244	Control of Flow Oscillations over a Cavity by Means of a Spanwise Cylinder	Illy Herve, Philippe Geffroy, Laurent Jacquin
FM11S_12258	Synthetic Jet Actuation at the Resonance Frequency	Zdenek Travnicek, Frantisek Marsik, Tomas Vit, Pieter de Boer
FM11L_12305	Optimal Energy Growth and Optimal Control of the Swept Attachment - Line Boundary Layer	Alan Guegan, Peter Schmid, Patrick Huerre

FM11L_12387	Feedback Control of Vortex Shedding in a Separated Diffuser	Tim Colonius, Takao Suzuki, Douglas G. MacMartin
FM11S_12491	Reduction of Aerodynamic Noise Induced by Flow over a Cavity	Seiichiro Izawa, Masafumi Kuroda, Ao-Kui Xiong, Yu Fukunishi
FM11S_12602	Control of Turbulent Streaks by Active Wall Movement	Philippe Konieczny, Alexis Renotte, Bertrand Nogarede, Alessandro Bottaro
FM11L_12624	Model - Based Control of Shear Flows Using Low - Dimensional Galerkin - and Vortex Models	Mark Pastoor, Rudibert King, Bernd R. Noack, Gilead Tadmor, Marek Morzynski
FM11L_12736	Numerical Analysis of the Wake Control behind a Circular Cylinder with Oscillatory Rotation	Marek Morzynski, Sophie Goujon-Durand, Bernd R. Noack, Jose E. Wesfreid, Benjamin Thiria