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Opening Ceremony	
Closing Ceremony	
Multibody Dynamics: Bridging for Multidisciplinary Applications	Jorge Ambrosio
Rapid Formation of Strong Gradients and Diffusion in the Transport of Scalar and Vector Fields	Konrad Bajer
Near-critical Point Hydrodynamics and Microgravity	Daniel A. Beysens
Wave Vortex Interactions in the Atmosphere and Oceans; with Applications to Climate	Onno Bokhove
Nanoscale Mechanics of Biological Materials	Huajian Gao
Transport And Mixing in the Atmosphere	Peter Haynes
Variational and Multiscale Methods in Turbulence with Particular Emphasis on Large Eddy Simulation	Thomas J. R. Hughes
Mechanics of Thin Film Structures	Henrik Myhre Jensen
Nonlinear Dynamics in Ocean Engineering	Edwin Kreuzer
A Bridge Between the Micro - and Mesomechanics of Laminates: Fantasy or Reality	Pierre J. Ladeveze
Turbulence and Large-Eddy Simulations	Marcel Lesieur
A Hybrid Molecular/continuum Analysis of IFM Experiments on a Self-assembled Monolayer	Kenneth. M. Liechti, M. Wang, J. M. White, P. J. Rossky, R. M. Winter
Collisional Granular Flows with and without Gas Interactions in Microgravity	Haitao Xu, Michel Y. Louge
Probability Phenomena in Perturbed Dynamical Systems	Anatoly Neishtadt
Mechanics of Rubberlike Solids	Raymond W. Ogden

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Elastic Wave Propagation Development for Structural Health Monitoring	Wieslaw M. Ostachowicz
Some Issues in Active Vibration Control of Smart Structures	Andre Preumont
Mechanics of Nanostructures	Rodney S. Ruoff
Micromechanics and Microviscoelasticity of Cells	Erich Sackmann
Elastic Interactions of Biological Cells	Samuel Safran, Alice Nicolas, Ulrich Schwarz
Electrokinetic Flow Instabilities in Microfluidic Systems	Juan G. Santiago
Molecular Mechanics of Cytoskeletal Components	Christoph F. Schmidt, M. Atakhorrami, K. Addas, G.H. Koenderinck, F. C. MacKintosh, J. X. Tang
Stochastic Dynamics of Engineering Systems	Kazimierz Sobczyk
Problems in Astrophysical Fluid Dynamics	Edward Spiegel
Miniaturization of Explosive Technology and Microdetonics	D. Scott Stewart
Foams, Films and Surfaces in Microgravity	Denis Weaire, S. Cox
Interplay Between Air and Water	Leen van Wijngaarden