MS-4 Dynamics and control of MEMS and NEMS

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Topics of interest include but will not be limited to: Electrostatically Actuated MEMS and NEMS; Sensors, Actuators, and Switches for Health Monitoring, Biology and Medicine; Linear and Nonlinear Dynamics and Control of MEMS and NEMS; Dynamics and Control Multi-Body Micro- and Nano-systems; Reduced Order Modeling; Atomic Force Microscopy; Multi-Scale Modeling, and Microfluidics; Coupled Thermal, Electrostatic, Magnetic, Elastic MEMS/NEMS Systems.