

# Pre-nominated Session SM16

## Mechatronics

Co-Chair(s):       W.O. Schiehlen (Germany)  
                      M. Tomizuka (USA)

Paper ID	Title	Authors
SM16S_10510	Stability Analyses of Electrostatic Torsional RF MEMS Switch	Ya - Pu Zhao, Jian - Gang Guo
SM16L_10553	Improvement of Positioning Accuracy of Delta Parallel Robot	Dominique Deblaise, Cedric Baradat, Patrick Maurine, Vigen Arakelian
SM16L_10809	Dynamics and Control of a Hydraulically Driven Boring Plant	Friedrich G. Pfeiffer
SM16L_10900	Investigation of Powerfull and High Precision Piezoelectric Actuator for Two - Dimensional Positioning	Piotr Vasiljev, Dalius Mazeika, Genadijus Kulvietis
SM16L_11282	Gain - Scheduling Control of Machine Tools with Varying Structural Flexibilities	Wim Symens, Hendrik Van Brussel, Jan Swevers
SM16L_12417	A Systematic Load Identification Procedure for Parallel Robot Manipulators	Horst Schulte, Patrick Gerland
SM16S_12546	Development of Positioning of Mechanisms with Piezoelectric Engines	Alfredas Busilas, Romualdas Naumavicius
SM16S_12712	Hierarchical Tracking Control of Wheeled Mobile Robot	Pu - Sheng Tsai, Li - Sheng Wang, Fan - Ren Chang
SM16L_12758	Rapid Prototyping of Model Based Control Algorithms for Diesel - Engines with Turbocharger	Matthias Weber, Rolf Isermann
SM16S_12929	Development of High - Performance Motion Simulator for Virtual Reality Systems	Dzmitry O. Tsetserukou, Alena V. Neviarouskaya