

Guan Zhao-Zhi Award Session

For CDC-CCC'09

Time: Wednesday, December 16, 2009, 14:10 – 16:40

Venue: Room 5G, 5th floor, Convention Center

Chair: Lei Guo (Academy of Mathematics and Systems Science, Chinese Academy of Sciences, China)

Co-Chair: Wei Huo (Beihang University, China)

0355	14:10 – 14:40
Norm Vanishment and Its Applications in Constrained Control-Part I: the L_∞ Case	
Bin Zhou	Harbin Institute of Technology, China
Zongli Lin	University of Virginia, U.S.A
Guang-Ren Duan	Harbin Institute of Technology, China
1647	14:40 – 15:10
Robust Constrained Model Predictive Control of Piecewise Linear Systems with Bounded Additive Disturbances	
Yuanyuan Zou	Shanghai Jiao Tong University, China
Shaoyuan Li	Shanghai Jiao Tong University, China
1856	15:10 – 15:40
Transverse Linearization for Mechanical Systems with Passive Links, Impulse Effects, and Friction Forces	
Leonid B. Freidovich	Umeå University, Sweden
Anton S. Shiriaev	Umeå University, Sweden
2233	15:40 – 16:10
Geometric Control of Particle Manipulation in a Two-Dimensional Fluid	
Yizhar Or	California Institute of Technology, USA
Joris Vankerschaver	California Institute of Technology, USA
Scott Kelly	University of North Carolina at Charlotte, USA
Richard M. Murray	California Institute of Technology, USA
Jerrold E. Marsden	California Institute of Technology, USA
2847	16:10 – 16:40
Synchronization of Interconnected Systems with an Input-Output Approach. Part I: Main Results	
Luca Scardovi	Princeton University, USA
Murat Arcak	University of California, USA
Eduardo D. Sontag	Rutgers University, USA