

# CENTER FOR CONTROL, DYNAMICAL SYSTEMS AND COMPUTATION

## Winter '09 Seminar Series

Jan. 16	<b>Roger Ghanem</b> , University of Southern California "An Approximation Theory for Model Validation"	3:00pm, 1171 Chemistry
Jan. 23	<b>Vijay Vittal</b> , Arizona State University "Impact of Increased Penetration of DFIG Based Wind Turbine Generators on Transient and Small Signal Stability of Power Systems"	3:00pm, 1171 Chemistry
Jan. 30	<b>Kevin Mitchell</b> , University of California, Merced "Using Invariant Manifolds to Classify Chaotic Transport Pathways in Mixed Phase Space"	3:00pm, 1171 Chemistry
Feb. 6	<b>Paul Houpt</b> , General Electric "Optimal Control of Heavy-Haul Freight Trains to Save Fuel"	3:00pm, 1171 Chemistry
Feb. 13	<b>Eva Kanso</b> , University of Southern California "Dynamics of Aquatic Locomotion"	3:00pm, 1171 Chemistry
Feb. 20	<b>Carlos Guestrin</b> , Carnegie Mellon University "Optimizing Sensing from Water to the Web"	3:00pm, 1171 Chemistry
Feb. 20	<b>Tsu-Chin Tsao</b> , UCLA "High Performance Digital Control for Precision Mechanical Motion"	4:00pm, 1171 Chemistry
Feb. 27	<b>Prashant Mehta</b> , University of Illinois at Urbana-Champaign "Information-Theoretic Paradigms for Modeling and Control of Dynamical Systems"	3:00pm, 1171 Chemistry
March 6	<b>Alex A. Kurzhanskiy</b> , University of California, Berkeley "Modeling and Software Tools for Freeway Operational Planning"	3:00pm, 1171 Chemistry
March 13	<b>Magnus Egerstedt</b> , Georgia Institute of Technology "Specifications and Optimization of Interconnected Switched Systems with Applications to Robotic Marionettes"	3:00pm, 1171 Chemistry