

## Spring 2009 Seminar Series

<b>Tuesday, 01/20/09</b>	<b>Jose Rico Martinez</b>		4:00 PM 303 MAEA
<i>Host: Crane</i>	An approximation to the state of the art in mobility theory		
<b>Tuesday, 01/27/09</b>	<b>*Joint Seminar with CISE*</b>		
<i>Host: Balachandar / Sartaj</i>	<b>Li Ming Su</b> , David A. Cofrin Prof of Urology, Associate Chairman for Clinical Aff, UF, College of Medicine		4:00 PM 303 MAEA
	Exploring Biomedical Engineering Applications to Minimally Invasive Urologic Surgery		
<b>Tuesday, 02/03/09</b>	<b>*Ebaugh Lecture*</b>		
<i>Host: Sankar</i>	<b>Huajian Gao</b> , Walter H. Anneberg University Prof, Brown University		4:00 PM 303 MAEA
	Nanomechanics of biological systems – what can we learn from nature about the principles of hierarchical materials?		
<b>Tuesday, 02/10/09</b>	<b>*Ebaugh Lecture*</b>		
<i>Host: Sawyer</i>	<b>Dr. Simon R. Phillpot</b> , Materials Science & Engineering, UF		4:00 PM 303 MAEA
	From Phonons to Fourier's Law: Effects of Microstructure on Thermal Transport		
<b>Tuesday, 02/17/09</b>	<b>Dr. Werner J.A. Dahm</b> , Chief Scientist, U.S. Air Force, Washington, DC		4:00 PM 303 MAEA
<i>Host: Balachandar</i>	Tackling True Turbulence		
<b>Wednesday 02/18/09</b>	<b>*Ohanian Lecture*</b>		
<i>Host: Balachandar</i>	<b>Dr. Werner J.A. Dahm</b> , Chief Scientist, U.S. Air Force, Washington, DC		12:00 PM Reitz Union Auditorium
	Key Air Force Research Priorities: Science and Technology at the Leading Edge		
<b>Tuesday, 02/24/09</b>	<b>James J. Abbas</b> , Center for Adaptive Neural Sys & Harrington Dept of Bioengineering, Arizona State University		4:00 PM 303 MAEA
<i>Host: Dixon</i>	Neuromorphic Design of Adaptive Systems for Neuromotor Rehabilitation		
<b>Tuesday, 03/03/09</b>	<b>Dennis Bernstein</b> , Department of Aerospace Engineering, University of Michigan		4:00 PM 303 MAEA
<i>Host: Barooah</i>	Adaptive Control Based on Retrospective Cost Optimization		
<b>Tuesday, 03/10/09</b>	<b>Spring Break</b>		
<b>Tuesday, 03/17/09</b>	<b>Jonathan A. Zimmerman</b> , Sandia National Lab		4:00 PM 303 MAEA
<i>Host: Sankar / Chen</i>	A Material Frame Approach for Calculating Continuum Variables in Molecular Simulations		
<b>Tuesday, 03/19/09</b>	<b>James Zhang</b> , US Army		4:00 PM 303 MAEA
<i>Host: Subhash</i>			
<b>Tuesday, 03/24/09</b>	<b>Professor Yoed Rabin</b> , Carnegie Mellon University, Mechanical Engineering, Pittsburgh, PA		4:00 PM 303 MAEA
<i>Host: Haftka</i>			
<b>Tuesday, 03/31/09</b>	<b>Allen Richardson</b> , MAE Alumni		4:00 PM 303 MAEA
<i>Host: Barroll / Balachandar</i>			
<b>Tuesday, 04/07/09</b>	<b>Richard A. Regueiro</b> , Assistant Professor, Department of Civil, Environmental and Architectural Engineering, University of Colorado at Boulder		4:00 PM 303 MAEA
<i>Host: Chen</i>	On finite strain micromorphic elastoplasticity		
<b>Tuesday, 04/14/09</b>	<b>Clancy Rowley</b> , Princeton		4:00 PM 303 MAEA
<i>Host: Cattafesta</i>			
<b>Tuesday, 04/21/09</b>	<b>*William F. Powers Lecture*</b>		
<i>Host: Haselbacher / Balachandar</i>	<b>Graham Candler</b> , Dist. McKnight University Professor, University of Minnesota		4:00 PM 303 MAEA