

Fall 2008 Seminar Series

Tuesday, 08/26/08	Malisa Sarntinoranont, MAE-UF (T&P)	4:00 PM 303 MAEA
<i>Host: Ifju</i>	Infusion Drug Delivery in the Central Nervous System	
Thursday, 08/28/08	Scott Banks, MAE-UF (T&P)	4:00 PM 303 MAEA
<i>Host: Crane</i>	Dynamic Radiographic Characterization of Skeletal Kinematics	
Tuesday, 09/02/08	Prashant G. Mehta , Assistant Professor, Mechanical & Industrial Engr, Univ of Illinois, Urbana-Champaign, 1206 W Green Street, Urbana, IL 61801	4:00 PM 303 MAEA
<i>Host: Barooah</i>	Fundamental Limitations in Control of Nonlinear Dynamics	
Tuesday, 09/09/08	OPEN	
Friday, 09/12/08	Nabuo Takeda , Takeda Laboratory, Dept of Aeronautics & Astronautics, School of Engineering, The University of Tokyo 7-3-1, Bunkyo-ku, Hongo, Tokyo, 113-8656 Japan	3:00 PM 221 MAEA
<i>Host: Sankar</i>	Recent Developments In Structural Health Monitoring Technologies For Aircraft Composite Structures In Japan	
Tuesday, 09/16/08	Noel Clemens , Professor, Aerospace Engineering & Engineering Mechanics, The University of Texas at Austin, Austin, TX 78712	4:00 PM 303 MAEA
<i>Host: Cattafesta</i>	Fine-Scale Turbulence Structure in Jets and Jet Flames as Revealed by Stereoscopic, Time-Resolved Particle Image Velocimetry	
Tuesday, 09/23/08	Joseph A.C. Humphrey , Nancy and Neal Wade Professor of Engineering and Applied Science, Mechanical & Aerospace Engr, University of Virginia, 122 Engineer's Way, POB 400746, Charlottesville, VA 22904-4746	4:00 PM 303 MAEA
<i>Host: Sarntinoranont</i>	Investigation of the Flow in a Synthetic Aorta for Traumatic Rupture Conditions	
Tuesday, 09/30/08	Brian N. Cox , Teledyne Scientific Co, Thousand Oaks, CA 91360	4:00 PM 303 MAEA
<i>Host: Sankar</i>	Collective response to strain stimulus generates fracture-resistant enamel morphology during ameloblast migration	
Tuesday, 10/07/08	****Curie Lecture**** Linda Schadler , Professor, Materials Science & Engineering, Rensselaer Materials Research Center, 114, 110 8 th Street, Troy, NY 12180	4:00 PM 303 MAEA
<i>Host: Sarntinoranont / Sawyer</i>	Towards Design of Polymer Nanocomposites: Using the Interface to Control Polymer Nanocomposite Properties	
Tuesday, 10/14/08	Mario Szañier , Professor, Electrical and Computer Engineering, Northeastern University, 440 Dana Research Building, 360 Huntington Avenue, Boston, MA 02115-5000	4:00 PM 303 MAEA
<i>Host: Dixon</i>	N/A	
Tuesday, 10/21/08	Professor Ajit Mal , 48-121 Engineering IV, Mechanical & Aerospace Engr, 420 Westwood Plaza, University of California, Los Angeles, CA 90095-1597	4:00 PM 303 MAEA
<i>Host: Arakere</i>	Dynamics Based Damage Detection in Composite Structures	
Tuesday, 10/28/08	Xiaolin Zhong , 46-147C Engineering IV, Mechanical & Aerospace Engr, 420 Westwood Plaza, University of California, Los Angeles, CA 90095-1597	4:00 PM 303 MAEA
<i>Host: Haselbacher</i>	Numerical Simulation of Hypersonic Boundary Layer Receptivity and Instability by High-Order Methods	
Tuesday, 11/04/08	****Distinguished Lecture**** Wei Chen , Associate Professor, Dept of Mechanical Engineering, Northwestern University, 2145 Sheridan Road, Rm M116, Evanston, IL 60208-3111	4:00 PM 303 MAEA
<i>Host: Haftka</i>	Integrating Heterogeneous Consumer Preferences into Enterprise-Driven Decision-Based Design	
Tuesday, 11/18/08	****Ebaugh Lecture**** Dr. Simon R. Phillpot , 162 Rhines Hall, Materials Science & Engineering, University of Florida, Gainesville, FL 32611-6400	4:00 PM 303 MAEA
<i>Host: Sawyer</i>	From Phonons to Fourier's Law: Effects of Microstructure on Thermal Transport	
Tuesday, 11/25/08	Dr. Zhuomin Zhang , Professor, George W. Woodruff School of Mechanical Engineering, Georgia Institute of Technology, Atlanta, GA 30332	4:00 PM 303 MAEA
<i>Host: Fan</i>	Nanoscale Heat Transfer Education and Nanoscale Thermal Radiation	
Tuesday, 12/02/08	Joel Voldman, Associate Professor, Electrical Engr & Computer Science, Room 36-824, 77 Massachusetts Avenue, Cambridge, MA 02139	4:00 PM 303 MAEA
<i>Host: Sheplak</i>	N/A	
Tuesday, 12/09/08	Larry Ukeiley, Assistant Professor, Mechanical & Aerospace Engr, REEF, 1350 N Poquito Road, Shalimar, FL 32579	4:00 PM 303 MAEA
<i>Host: Cattafesta</i>	Low Reynolds Number Flow Phenomena for Micro Air Vehicle Applications	