

Mechanical & Aerospace Engineering Colloquium Series
Spring 2015 Program
Wednesdays CoRE Auditorium 3:30pm–4:30pm
Refreshments Served at 3:15pm
Social Hour at 4:30pm

January 21	Heat Under the Microscope Professor Austin Minnich, California Institute of Technology
January 28	High Speed Imaging at the Nano-Scale Professor Kamal Youcef-Toumi, MIT
February 4	Computational Flame Diagnostics for Combustion Simulations with Detailed Chemistry Professor Tianfeng Lu, University of Connecticut
February 11	Modeling of Cross-Flow Turbines for Renewable Energy Harvesting Professor Luigi Martinelli, Princeton University. Pelz Lecturer
February 18	3D Printing of Hierarchical Fiber-reinforced Polymer Composites: Process Development and Modeling. Professor Johnson Samuel, Rensselaer Polytechnic Institute, RPI
February 23	Deans Distinguished Lecture Gene Saragnese, ENG'79 CEO, Imaging Systems Philips Healthcare BME Auditorium, 3pm
February 25	Flow Boiling in Micro Domains Opportunities and Challenges Yoav Peles Professor Yoav Peles, UCF
March 4	In-situ Laser Diagnostics in Gas-Phase Synthesis of Functional Nanomaterials Christof Schulz, UNI-DUE
March 11	Energy Localization and Nonlinearities Professor Bala Balachandran, UMD
March 18	Spring Recess
March 25	* LOCATION CHANGE * – Fiber Optics Auditorium Title: TBD Professor John Bossani, University of Penn.
April 1	Title – TBD Professor Verica Radisavljevic-Gajic, Villanova University.
April 8	Astrodynamics for Modern Space Operations: Recent Analytical, Computational and Experimental Research, Professor John L. Junkins, Texas A&M University
April 15	Molecular and Multiscale Simulation of Thermal Transport Professor Zhang Yuwen, Missouri University
April 22	Capacitive Charge Storage in Nanopores: From Thermodynamics to Dynamics Professor Rui Qiao, Vt University
April 29	Title: TBD Professor Upendra S. Rohatgi, BNL