

Seminars & Events

Spring 2013

Date/Time	Speaker	Title/Abstract	Location
02-01-2013 11:00am-12:00pm	Viola Vogel, ETH, Zürich Laboratory of Applied Mechanobiology	Proteins as Mechano-Chemical Signaling Switches	501 Schermerhorn
02-15-2013 11:00am-12:00pm	Peyman Honarmandi, CCNY-CUNY	Mechanotransduction Study and Focal Adhesion Recruitment in Endothelial Cells	233 Mudd
02-22-2013 11:00am-12:00pm	Alp Sehirilioglu, Case Western	Functional Films and Ceramics	233 Mudd
03-01-2013 11:00am-12:00pm	Matthew McCarthy, Drexel Dept of Mech Engineering & Mechanics	Biotemplated Nanostructures for Thermo-fluidic Applications	233 Mudd

03-29-2013

Harrison Kim

[Predictive Systems Design Analytics: A Promising Enabler
for Energy Systems Engineering in Renewable, Hybrid
Energy Conversion, Generation, and Distribution](#)

233 Mudd

11:00am-12:00pm

Univ of Illinois at Urbana-Champaign

FREUDENSTEIN DISTINGUISHED LECTURE

04-01-2013

Arthur Erdman, Univ of Minnesota
Medical Devices Center

[Influence of Kinematics and Mechanisms on Improved
Health Care](#)

Davis Auditorium

11:00am-12:00pm

04-12-2013

Ajayan Pulickel, Rice University

[Engineering of Nanostructures
1D, 2D and 3D Architectures](#)

233 Mudd

11:00am-12:00pm

04-19-2013 11:00am-12:00pm	Kristen J. Verhey, Univ of Michigan Medical School	Kinesin Motors and Entry Into the Ciliary Compartment	501 Schermerhorn
04-25-2013 12:00pm-1:00pm	Michael Burke, Argonne National Laboratory	Multi-Scale Informatics: "Connecting the Dots" in Complex Reaction Modeling from Electrons to Energy Devices	227 Mudd
04-26-2013 11:00am-12:00pm	Frank Vollmer, Max Planck Institute for the Science of Light Laboratory of Nanophotonics & Biosensing	Biosensing with Optical Microcavities: Localizing Light for ultra-sensitive Detection	233 Mudd
05-02-2013 12:00pm-1:00pm	Emily Craparo, Naval Postgraduate School	Decision-Making in Information-Rich Environments	227 Mudd
05-03-2013 11:00am-12:00pm	Philip LeDuc, Carnegie Mellon University	Planes, Trains, Automobiles....and Cells?	233 Mudd

05-09-2013 12:00pm-1:00pm	Seok Woo Lee, California Institute of Technology	The Plasticity of Metals at the Sub Micron Scale and Dislocation Dynamics in a Thin Film	227 Mudd
05-10-2013 11:00am-12:00pm	Sunil Bhave, Cornell University	Silicon Monolithic MEMS + Photonic Systems	233 Mudd
05-16-2013 11:00am-12:00pm	Sasha Gondarenko, Columbia University	Manufacturing nano-structured platform for high throughput mechanobiology	233 Mudd
05-17-2013 11:00am-12:00pm	Luca Deseri, Carnegie Mellon Univ	Mechanical effects during adrenergic receptor binding in human trophoblast membranes	233 Mudd