

Seminars & Events

Spring 2014

Date/Time	Speaker	Title/Abstract	Location
04-18-14 11:00am – 12:00pm (Lunch at 12 pm in ME Lobby)	Dr. Lori A. Setton William Bevan Professor of Biomedical Engineering and Orthopaedic Surgery Duke University	<u>Novel Strategies to Promote Survival and Restoration of the Intervertebral Disc Cell</u>	614 Schermerhorn
04-11-14 11:00am – 12:00pm (Lunch at 12pm in ME lobby)	Dr. Robert J. Webster III Mechanical Engineering Vanderbilt University	<u>Can Needle-Sized Robots Help Surgeons Save Lives?</u>	627 Mudd
03-28-14 11:00am – 12:00pm (Lunch at 12pm in ME Lobby)	Dr. Daniel S. Balint, PhD. Senior Lecturer in Mechanics of Materials Dept. of Mechanical Engineering Imperial College London	<u>Dynamic Discrete Dislocation Plasticity for Extremely High Strain Rates</u>	627 Mudd
03-04-14	Dr. Hae-Won Park	<u>Bio-Inspired Legged Robots for Robust and</u>	633 Mudd

12:00 pm – 1:00 pm (Lunch at 1pm in ME Lobby)	Dept. of Mechanical Engineering Massachusetts Institute of Technology	Highly-agile Locomotion	
03-06-14 12:00pm-1:00pm (Lunch at 1pm in ME Lobby)	Dr. M. Ani Hsieh Mechanical Engineering & Mechanics Dept. Drexel University	Towards a New Control and Coordination Paradigm for Robot Teams in Geophysical Flows	214 Mudd
02-28-14 11:00am – 12:00pm (Lunch at 12pm in ME Lobby)	Michele J. Grimm, PhD Dept. of Biomedical Engineering Wayne State University	The Biomechanics of Neonatal Brachial Plexus Injury	627 Mudd
02-27-14 12:00pm Seminar	Dr. Duncan Callaway University of California, Berkeley	Leveraging Large Data Sets and Control to Enable Low Carbon Power Systems	214 Mudd
02-21-14 11:00am-12:00pm (Lunch at 12pm in ME Lobby)	Elliot J. Rouse, PhD MIT Media Lab Cambridge, Massachusetts	Joint Impedance and the Future of Wearable Robotics Design and Control	627 Mudd
02-14-14 11:00am – 12:00pm (Lunch at 12pm in ME Lobby)	David Elad, D.Sc. Department of Biomedical Engineering, Faculty of Engineering Tel Aviv University, Israel	Topics in Reproductive Biomechanics: Transplacental Transport of Glucose and Biomechanics of Breastfeeding	627 Mudd

02-07-14	Huiming Yin, PhD, PE	Toward Functionally Graded Material	
11:00am – 12:00pm	Associate Prof. of Civil Engineering and	Manufacturing for Energy Efficient Building	627 Mudd
(Lunch at 12pm in ME	Engineering Mechanics	Envelope	
Lobby)	Columbia University		
01-31-14	David L. Kaplan	Silk Protein Matrices for Stabilization & Delivery of	501 Northwest Corner Building
11:00am-12:00pm	Stern Family Prof. of Engineering	Biologics	
	Chair of Dept. of Biomedical Engineering		
	Tufts University		