

Mechanical & Aerospace Engineering Colloquium Series

Fall 2014 Program

Wednesdays, 3:30pm, Fiber Optics Auditorium

Refreshments, 3:15pm

Social Hour, 4:30pm

- September 10 ***Mechanics of the manufacture and bio-integration of stretchable electronics***
Professor Nanshu Lu, University of Texas at Austin
- September 17 ***Right to Know Seminar***
Alejandro Ruiz
- September 24 ***Recent Advances in Electrochemical Energy Storage***
Professor Sanjoy Banerjee, The City University of New York
- October 01 ***ZEBIB LECTURE: Convection at Rayleigh numbers of the order
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Professor Katepalli R. Sreenivasan, Executive Vice Provost for Engineering and Applied Sciences,
New York University
- October 08 ***PELZ LECTURE: Active fluids and structures in biology***
Professor Michael Shelley, New York University
- October 15 ***Piezoelectric Thin Films for Mechanical Energy Harvesting***
Professor Susan Trolier-McKinstry, The Pennsylvania State University
- October 22 ***Leveraging Crystallization in Semicrystalline Polymer Nanocomposites***
Professor Frank Fisher, Steven Institute of Technology
- October 29 ***Janus Particles as Solid Surfactants***
Professor Daeyeon Lee, Penn State University
- November 05 ***Thermal Energy Transport and Conversion in Low-Dimensional
Structures and Complex Crystals with low-Dimensional Substructures***
Professor Li Shi, University of Texas at Austin
- November 12 ***Bell Helicopter Textron – A Company Overview***
Dr. Albert Brand, Director, Flight Technology & Simulation at Bell Helicopter
- November 19 ***Bridging microscopic and macroscopic pictures for engineering interfacial
Thermal and fluid transport: From heat conduction to droplet wetting***
Professor Junichiro Shiomi, Tokyo University
- December 03 ***Digital Manufacturing, Laying the Foundation Today for Tomorrow's Opportunities***
Professor Thomas Kurfess, Georgia Institute of Technology
- December 10 ***A Concurrent Multi-Scale Model for the Thermo-Mechanical Response of Materials***
Professor Julian J. Rimoli, Georgia Institute of Technology