

Mechanical & Aerospace Engineering Colloquium Series
Spring 2017 Program
Wednesdays, Easton Hub Auditorium, 3:30pm–4:30pm
In the Fiber Optics Building
Social Hour & Refreshments at 4:30pm

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| January 25 | Air-Microfluidics: From Ubiquitous Low-Cost Environmental Sensing to Aerial Microrobotics. Professor Igor Paprotny, University of Illinois at Chicago |
| February 1 | Simulation and Analysis of Aviation Systems at the FAA
Dr. Christina Young, FAA |
| February 8 | Microscale Phase Change Transport to Enable Sustainable Thermal Systems.
Professor Srinivas Garimella, Georgia Tech |
| February 15 | The Use of Advanced Composite Material Systems at General Electric – From Aviation to Wind to Oil and Gas. Dr. Shridhar Nath, GE Global Research |
| February 22 | The Intersection of Engineering & Business (National Engineers Week, SoE)
Leonardo DeCandia, Johnson & Johnson |
| March 1 | DCSD Program at NSF - Funding Opportunities and Tips for Successful Proposal Writing. Professor Atul Kelkar, NSF, Iowa State University |
| March 8 | Plasma Synthesis of Nanomaterials: A Joint Challenge of Plasma and Materials Sciences. Dr. Yevgeny Raitses, Princeton Plasma Physics Lab |
| March 22 | Pelz Memorial Lecture, A New Look At The Linearized Navier-Stokes Equation
Professor Anthony Leonard, Caltech |
| March 29 | Electrochemical Stiffness in Li-Ion Batteries. Professor Nancy Sottos, UIUC |
| April 5 | Zebib Memorial Lecture, Avian Inspired Multifunctional Morphing Air Vehicles
Professor Daniel Inman, University of Michigan |
| April 12 | Space Object Detection, Tracking, Identification, and Characterization
Professor Moriba Jah, University of Arizona |
| April 19 | Accidents, Engineering and Aircraft Safety (Seminar at CoRE)
Richard Hill, FAA |
| April 26 | Structural Design Methods for Launch Vehicles Using Evolutionary Optimization Practices. Dr. Patrick Hull, NASA |

