



Seminars in Mechanical & Industrial Engineering

2009/2010

- Sept 18 John W.M. Bush, Department of Mathematics, MIT
The Fluid Trampoline: Droplets Bouncing on a Soap Film
- Sept 25 Chang Liu, Department of Mechanical Engineering, Northwestern University
Biologically Inspired Sensors
- Oct 2 Amy Shen, Department of Mechanical Engineering, University of Washington
Complex Fluids Under Confinement and Flow
- Oct 16 Robert D. Howe, School of Applied Science and Engineering, Harvard University
Fixing the Beating Heart: Ultrasound Guidance for Robotic Intracardiac Surgery
- Oct 23 John Boyd, Golder Associates, Mississauga
The Implications of Sustainability and Climate Change on the Practice of Engineering
- Nov 20 Panos Pardalos, Department of Industrial and Systems Engineering, University of Florida
The Critical Nodes Detection Problem in Networks
- Nov 27 Geza H. Szabo, Schlumberger, Edmonton
Sedimentation Equilibrium of Suspensions in Centrifugal Field: The Colloidal State Equation
- Dec 4 Andrew K.S. Jardine, Department of Mechanical and Industrial Engineering, University of Toronto
On the Optimization of Condition – Based Maintenance (CBM) Decisions
- Jan 15 Carlos Härtel, General Electric, Global Research Center Europe, Munich, Germany
Turning Research into Products - Innovation Management at GE
- Jan 22 Rick Hull, IBM Watson Research Center, New York
Business Artifacts: A Central Pillar for Service Science
- Jan 29 David J. Beebe, Department of Biomedical Engineering, University of Wisconsin-Madison
Microscale Environments for Understanding Cell Biology
- Feb 5 Charles A. Ward, Department of Mechanical and Industrial Engineering, University of Toronto
Interfacial Conditions During Evaporation
- Feb 12 Michael W. Carter, Department of Mechanical and Industrial Engineering, University of Toronto
Healthcare Engineering: Quantitative Decision Support Models for the Healthcare Industry
- Feb 26 Kon-Well Wang, Department of Mechanical Engineering, University of Michigan
Adaptive Structural System Synthesis with Multi-Field Coupling
- Mar 5 Fritz B. Prinz, Department of Mechanical Engineering, Stanford University
The Convergence of Science and Engineering: Energy Conversion at Nano Scale
- Mar 12 Javad Mostaghimi, Department of Mechanical and Industrial Engineering, University of Toronto
Thermal Spray Forming of Highly Efficient Heat Exchangers
- Mar 19 Hans Müller-Steinhagen, German Aerospace Center and University of Stuttgart, Germany
A Vision with a Mission: The German Route to 50% Renewable Energy by 2050
- Mar 26 Margaret Brandeau, Department of Management Science and Engineering, Stanford University
Using Mathematical and Systems Models to Inform Policy Decisions: A Personal Perspective
- Apr 9 Marco Amabili, Department of Mechanical Engineering, McGill University
Nonlinear Vibrations and Stability of Shells and Plates
- Apr 30 Subra Suresh, Department of Materials Science and Engineering, MIT
Cell Biomechanics and Human Disease States

Fridays • 2:10PM • Room MBI 28

5 King's College Road. All visitors are welcome!

To receive seminar invitations please send an email to seminars@mie.utoronto.ca