

All seminars will be held in the Zahn Lecture Hall, Glennan 421, except where noted; please take notice of the seminar starting times, which may vary.

September 14, 2007 The Longest Hour

Friday, 3:15 p.m. **Sy Liebergott**, Flight Controller, Project Apollo; Author, "Apollo EECOM: Journey of a Lifetime"; see "The History Channel":
<http://soapbox.msn.com/video.aspx?vid=512617bb-352d-4e67-99e5-de64ca6e65f0>

September 21, 2007 Measurement of the Local Mechanical Environment of Skeletal Tissues

Friday, 3:30 p.m. **Elise F. Morgan**, Assistant Professor, Aerospace & Mechanical Engineering, Boston University

September 28, 2007 **First Joint MAE-Music Seminar:** Biomechanics of Jazz Piano from Ragtime to BeBop

Friday, 4:00 p.m. **Peter Niederer**, Emeritus Professor, Institute of Biomedical Engineering and Medical Informatics, Swiss Federal Institute of Technology, Zürich (ETH Zurich)
Thwing Ballroom

October 12, 2007 Prediction of Jet Engine Fan Noise Using Computational Aeroacoustics

Friday, 3:30 p.m. **Ray Hixon**, Associate Professor, Mechanical, Industrial, and Manufacturing Engineering (MIME) Department, The University of Toledo

October 18, 2007 Mini and Microrobotics

Thursday, 4 p.m. **Metin Sitti**, Associate Professor, NanoRobotics Lab, Mechanical Engineering and Robotics Institute, Carnegie Mellon University

October 26, 2007 **Distinguished Lecture on Engineering and Society**

Friday, 3:30 p.m. **Simon Ostrach**, Emeritus Professor, Department of Mechanical & Aerospace Engineering, Case Western Reserve University

November 9, 2007 Application of laser induced fluorescence imaging and potential coupling of plasma energy in high pressure combustion systems

Friday, 3:30 p.m. **Tonghun Lee**, Assistant Professor, Department of Mechanical Engineering, Michigan State University

November 30, 2007 Skeletal Adaptation to Mechanical Loading

Friday, 3:30 p.m. **Marjolein van der Meulen**, Professor, Department of Mechanical Engineering, Cornell University; ACES Distinguished Lecturer

December 6, 2007 **Joint MAE-BME Seminar:** Insects as models for robot mobility and autonomy: Walking, running, climbing and flying,

Thursday, 12 p.m. **Roger Quinn**, Professor, Department of Mechanical & Aerospace Engineering, Case Western Reserve University

Zahn Lecture Hall,
Glennan 4th floor

Please contact Ms. Sheila Campbell, Dept. of MAE, with questions: sheila.campbell@case.edu