

ST. ANTHONY FALLS LABORATORY SEMINAR SCHEDULE - FALL 2009

3:30pm on Wednesdays in the SAFL Auditorium

Sept. 2*: SAFL Special Seminar:
Dr. Helmut Habersack, Professor
River Engineering and Hydraulics
Institute for Water Management, Hydrology, and Hydraulic
Engineering
University of Natural Resources and Applied Life Science,
Vienna, Austria
*The integrated river engineering project on the Danube
east of Vienna*

Sept. 9: SAFL Orientation Seminar
(Attendance is mandatory)
Jeff Marr, SAFL's Associate Director of Applied Research,
will host this annual seminar
*Topics include: welcome, new student introductions, lab
safety, updates on the upper deck reconstruction, volunteers*

Sept. 16: Dr. Alex Techet, Associate Professor
Department of Mechanical Engineering
Massachusetts Institute of Technology
*Biologically inspired impulsive starting and maneuvering
for solitary and aggregate systems*

Sept. 23: NO SEMINAR (DECK CONSTRUCTION)

Sept. 29*: SAFL Special Seminar:
Dr. Julie Lundquist, Staff Scientist
Atmospheric Earth and Energy Department
Lawrence Livermore National Laboratory
*Enabling the expansion of wind energy with atmospheric
science*

Sept. 30: Dr. Paolo D'Odorico, Associate Professor
Department of Environmental Sciences
University of Virginia
Ecosystem stability and resilience at the desert margins

Oct. 7: NO SEMINAR (DECK CONSTRUCTION)

Oct. 14: Dr. Sean Garrick, Associate Professor
Department of Mechanical Engineering
University of Minnesota
*Modeling and simulation of mass transfer in multiphase
flows: Mercury, coal, and virtual sorbent beds*

Oct. 21: Dr. Vladimir Nikora, Professor, Chair
Department of Environmental Fluid Mechanics
University of Aberdeen, Scotland, UK
*Hydrodynamics of aquatic ecosystems: An interface be-
tween Fluid Mechanics, Ecology, and Biomechanics*

Oct. 28: Dr. Alex Horner-Devine, Assistant Professor
Department of Civil and Environmental Engineering
University of Washington
*Beneath the surface: Interpreting remotely sensed coherent
structures on the water surface in rivers and estuaries*

Nov. 4: Dr. Oliver Fringer, Assistant Professor
Department of Civil and Environmental Engineering
Stanford University
*Numerical simulation of salinity and turbulence in a mac-
rotidal estuary*

Nov. 11: Dr. Erkan Istanbuluoglu, Assistant Professor
School of Natural Resources
Biological Systems Engineering Department
University of Nebraska
Title TBA

Nov. 18: Trung Le, SAFL Graduate Student
Department of Civil Engineering
University of Minnesota
Cardiovascular flow: a patient-specific approach

Nov. 25: NO SEMINAR - THANKSGIVING HOLIDAY

Dec. 2: Seok Koo Kang, SAFL Graduate Student
Department of Civil Engineering
University of Minnesota
Title TBA

Dec. 9: LAB HOLIDAY GATHERING