

ST. ANTHONY FALLS LABORATORY SEMINAR SCHEDULE - SPRING 2009

3:30pm on Wednesdays in the SAFL Auditorium

Jan 28: SAFL Distinguished Seminar

LORENZ G. STRAUB AWARD CEREMONY

Dr. George Karniadakis, Professor of Applied Mathematics
The Center for Fluid Mechanics
Brown University
Multiscale modeling in physical and biological systems

Feb. 4: Dr. Allen P. Davis, Professor

Department of Civil and Environmental Engineering
University of Maryland
Creating "green" stormwater

Feb. 11: Dr. Mihailo Jovanovic, Assistant Professor

Department of Electrical and Computer Engineering
University of Minnesota
*Dynamics and control of Newtonian and viscoelastic fluids:
A system-theoretic perspective*

**Feb. 18: SILBERMAN FELLOWSHIP AWARD
CEREMONY**

Dr. Taylor Perron, Assistant Professor of Geology
Department of Earth, Atmospheric and Planetary Sciences
Massachusetts Institute of Technology
Emergence of characteristic scales in drainage networks

Feb. 25: Ben Janke, SAFL Graduate Student

University of Minnesota
Modeling thermal pollution of urban cold-water streams

March 4: Dr. Eric Tytell, Postdoctoral Researcher

Department of Biology
University of Maryland
*How fish swim: From hydrodynamics to neural control and
back again*

March 11: Dr. Panos Stinis, Assistant Professor

Department of Mathematics
University of Minnesota
Dimensional reduction in fluid dynamics

March 18: NO SEMINAR (SPRING BREAK)

March 25: SAFL Distinguished Seminar

**Dr. Jonathan Foley, Director, Institute on the Environ-
ment (IonE)**
Professor, Department of Ecology, Evolution and Behavior
University of Minnesota
Land use and a changing biosphere

April 1: Patrick Belmont, SAFL Postdoctoral Assoc.

St. Anthony Falls Laboratory
University of Minnesota
*Sediment dynamics in the Le Sueur River: Compounding
effects of agriculture in a transient landscape*

April 8: Dr. William Hunt, Assistant Professor

Department of Biological and Agricultural Engineering
North Carolina State University
*Storm water treatment with bioretention: Research and
design evolution*

April 15: Eric Novotny, SAFL Graduate Student

University of Minnesota
De-icing salt impact on Minnesota waters

April 22: ANDERSON AWARD CEREMONY

Dr. Richard H Skaggs, Professor
Department of Geography
University of Minnesota
Minnesota climate extremes in the 21st century

April 29: Sukanta Basu, Assistant Professor

Department of Geosciences
Texas Tech University
*The Great Plains' low-level jets and their critical role
in the U.S. wind energy developments*

May 6: Chandana Gangodagamage, Grad Student

St. Anthony Falls Laboratory
University of Minnesota
*Statistical signature of deep-seated landslides and a meth-
odology for objective mapping*