



# Tulane School of Science & Engineering Seminars (Open to the Public)

Compiled by the Science and Engineering Honor Society (SEHS)

## / SPRING 2012 /

*"Lecture Title"*

Speaker's name – Affiliated University/Organization

Time and Location

Sponsoring Department/Organization

Special Notes

### Week of January 30th

#### Monday

*"Nanocomposite Materials for Photovoltaic and Biomedical Applications"*

Matthew Tarr – University of New Orleans

4PM, Jones Hall 102

Chemistry

#### Wednesday

*"Second and Fourth Order Nonlinear Eigenvalue Problems"*

Craig Cowan – Stanford University

3:30PM, Gibson 414

Mathematics

#### Thursday

*"From Swarming to Vortex Interaction: Applications of Nonlocal PDEs"*

David Uminsky – UCLA

2PM, Stanley Thomas 101

Mathematics

*"Structure-Preserving Integrators for Constrained Mechanical Systems"*

Dmitri Zenkov – NC State University

3PM, Gibson 414

Mathematics

*"Hypertension: Is it in your head?"*

Eric Lazartigues – LSU Health Sciences Center (Dept of Pharmacology)

4PM, Boggs 105

Neuroscience

## **Friday**

*"How do Populations of Tropical Birds Change Over Time and  
What Does Long-term Study Tell Us About their Future Prospects?"*

Jeffrey Brawn – University of Illinois at Urbana-Champaign

11AM, LBC 203

Ecology and Evolutionary Biology

*"Flux tectonics: material fluxes and the evolution of mountain belts"*

Dr. Jeff Rahl – Washington and Lee University

12PM, Jones Hall 204

Earth and Environmental Sciences