

Fall Term 2014

## Departmental Seminars

3:30 pm, Refreshments, A214 E-Quad  
4:00 p.m., A224 E-Quad (Elgin Room)

September 10      **Serafim Kalliadasis**, Imperial College London  
*Singularities, Slip, Substrates and Structure:  
Challenges of Modelling the Moving Contact Line Problem*

### Richard H. Wilhelm Lecture Series

**Enrique Iglesia**

University of California, Berkeley

**September 15**      *The Chemistry and Engineering of C<sub>1</sub> Molecules:  
Methane Conversion and Beyond*

Refreshments: 3:30 pm, Lecture: 4:00 pm, Friend Center Convocation Room

**September 17**      *Nanoparticles, Nanospaces, and the Catalysis Toolbox*

Refreshments: 3:30 pm, Lecture: 4:00 pm, Reception: 5:00 pm, Friend Center Convocation Room

September 24      **Susanne Rafelski**, University of California, Irvine  
*Quantitative Analysis of Mitochondrial Networks in Budding Yeast*

October 1      **Steven Tait**, Indiana University  
*Organic Ligand Design to Tailor Structure and Function of Surfaces:  
Single-Site Pt(II) Metal-Organic Chains at Surfaces by Redox-Active Assembly*

October 8      **Timothy Lodge**, University of Minnesota  
*Block Polymer Nanostructures in Ionic Liquids:  
Stimuli Responsive and Functional Materials*

October 15      **Manfred Morari**, Swiss Federal Institute of Technology Zurich  
*TBD*

October 22      **Lynden Archer**, Cornell University  
*TBD*

November 5      **Morteza Gharib**, California Institute of Technology  
*Lessons for Bio-Inspired Design: Fluid Dynamics of Embryonic Heart*

November 12      **Navin Varadarajan**, University of Houston  
*TBD*

December 3      **Kyongbum Lee**, Tufts University  
*Investigation of the Intestinal Microbiota Metabolism Using Pathway  
Analysis and Metabolomics*

December 10      **Joseph Scott**, Clemson University  
*Optimal Design and Operation of Intermittent Renewable Energy Systems*