

Molecular Science and Engineering

Jana K. Shen and Alberto Striolo

Joint Group Meeting - Spring 2010

Tuesdays 5-6 pm, Sarkeys Energy Center T-334

January 26th

Assistant Professor Takumi Hawa

Molecular Simulation and Modeling in
Mechanical Engineering

Refreshments: Dimitrios Argyris

February 2nd

Brian Morrow

DFT In Catalysis: Results and Questions

Refreshments: Deepthi Konatham

February 9th

Steven Wang

Predicting Surfactants pKa's in Micelles

Refreshments: Chuanyin Shi

February 16th

Heng Fan

Silica-Based Hybrid Nanoparticles at
Decane-Water Interfaces

Refreshments: Tuan Ho

March 2nd

Naga Rajesh Tummala

Modulating the Potential of Mean Force
between Carbon Nanotubes: Surfactant
Effects

Refreshments: Brian Morrow

March 9th

Tuan Ho

Interfacial Water Structure on Silica: Force
Field Effects

Refreshments: Heng Fan

March 30th

Dr. Chuanyin Shi

Simulation of Denatured States

Refreshments: Jason Wallace

April 6th

Deepthi Konatham

Graphene-Based Membranes for Water
Desalination

Refreshments: Carol Pena

April 13th

Jason Wallace

Constant pH Molecular Dynamics in Explicit
Solvent

Refreshments: Steven Wang

April 20th

Dimitrios Argyris

The Electric Double Layer under
Confinement

Refreshments: Raja Kirti

April 27th

TBA

May 4th

Liu Shi

Lubrication in Cartilage

Refreshments: Naga Rajesh Tummala