



## POLYMER TECHNOLOGY CENTER

### PTIC Consortium Texas A&M University Meeting Agenda

November 2-3, 2006

#301 Engineering/Physics Building

#### Thursday, November 2, 2006

6:00-8:30

*Buffet Dinner at TAMU, Engineering/Physics Building Room 301, poster session, Lab Tours, interaction between the Polymer Industry and TAMU/PTC Faculty and TAMU Polymer Students. We hope you take advantage of this awesome opportunity.*

#### Friday, November 3, 2006

8:15 - 8:45 **Refreshments & Snacks**

8:45 - 9:00 **Opening Remarks** *H-J Sue*

9:00 - 9:30 *Jaime Grunlan, MEEN*

*"Two Vignettes: Clay-Based Oxygen Barrier and Tailoring Composite Conductivity Using Clay"*

9:30 - 10:00 *Stephen A. Miller, CHEM*

*A sodium-based catalyst for the highly efficient and controlled ring-opening polymerization of lactide*

10:00 - 10:30 *Cris Schwartz, MEEN*

*"UHMWPE and artificial joints, what's next?"*

10:30 - 10:40 **BREAK**

10:40 - 11:10 *Perla Balbuena, CHEN*

*"Polymer electrolytes for fuel cell membranes"*

11:10 - 11:40 *Anastasia Muliana, MEEN*

*"thermo-viscoelastic analyses of particle reinforced composites"*

11:40 - 12:00 *Ben Chang/H.-J. Sue*

*US Oil/Gas Pipeline Coating Integrity*

12:00 - 12:45 **lunch, Poster Session, & Tours**

12:45 - 1:15 *H-J Sue, MEEN*

*A New Mar Testing for Polymers*

1:15 - 1:45 *Ed Marotta, MEEN*

*Investigation of Size Effect on Thermal Conductivity for Ultra-thin PMMA Films*

1:45 - 2:15 **PTIC Business**

*H-J Sue*

2:15 **Adjourn**