



## POLYMER TECHNOLOGY CENTER

**PTIC Consortium**  
**Texas A&M University**  
**Meeting Agenda**  
**October 29-30, 2009**  
**Room 301 Engineering/Physics Building**

### Thursday, October 29, 2009

6:00-8:30	<i>Buffet dinner at TAMU, Engineering/Physics Building Room 301, Student 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.</i>
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### Friday, October 30, 2009

8:30-9:00	Refreshments & Snacks	
9:00-9:10	Opening Remarks	Introduction and Overview
9:10-9:40	<i>Melissa Grunlan, BMEN</i>	"Shape Memory Polymers with Silicon-Containing Segments"
9:40-10:10	<i>Dave Bergbreiter, CHEM</i>	"Redox- and Solute-responsive Polymers"
10:10-10:40	<i>Anastasia Muliana, MEEN</i>	"Modeling Responses of Polymer Composites with Field Coupling and Time Effects"
10:40-10:50	Short Break	
10:50-11:20	<i>Tahir Cagin, CHEN</i>	"Improving energy harvesting efficiency by nanostructured materials"
11:20-11:50	<i>Cris Schwartz, MEEN</i>	"Development of metrics to quantify surface texturing for haptic applications"
11:50-12:45	lunch, Poster Session, & Tours	
12:45-1:15	<i>Joe Zhou, CHEM</i>	"The Advanced Research Institute for Sustainable Energy"
1:15-1:45	<i>H.-J. Sue, MEEN</i>	"Study of Coating Adhesive Strength Using an ASTM Scratch Testing Methodology"
1:45-2:15	PTIC Business	Education Matter, Industrial Needs, Short Courses, New Consortium, etc.
2:15	Adjourn	