



POLYMER TECHNOLOGY CENTER

Scratch Behavior Consortium

Texas A&M University

Meeting Agenda

9:00 am, April 7, 2011 (Thursday)
301 Eng. Phys. Bldg.
College Station, TX 77843-3123

8:30 – 9:00 am	Isabel Cantu, H.-J Sue, TAMU	Registration & Reception (Refreshments Served)
9:00 – 9:05 am	<u>H.-J. Sue</u> , TAMU	Welcome, Overview of Agenda
9:05 – 9:35 am	M. Hossain and <u>H.-J. Sue</u> , TAMU	Mar Behavior of PMMA Using the ASTM/ISO Approach
9:35 - 10:05 am	<u>Noah Smith</u> and Allan Moyse Surface Machines Systems	Advances in ASV Software for Textured Surfaces; Scratch Machines, Service, Licensing, Parts, etc.
10:05 – 10:35	<u>M. Hossain</u> and H.-J. Sue, TAMU	Experimental Validation of FEM Simulation on Scratch Visibility Resistance of Polymers
10:35 – 10:50 am	<u>Break</u>	
10:50 – 11:20 pm	<u>Peng Liu</u> and H.-J. Sue, TAMU; J. Li, Adv. Comp.	Correlation Between Erichsen Delta L Test and ASTM Scratch Test (II)
11:20 – 11:50 am	<u>Brian Hare</u> and H.-J. Sue, TAMU	Evaluation of Packaging Film Mechanical Integrity Using the ASTM/ISO Scratch Test Protocol
11:50 – 12:40 pm	<u>Lunch Break</u>	Including Lab Tour
12:40 – 1:10 pm	<u>M. Hossain</u> and H.-J. Sue, TAMU	FEM Modeling of Yield Stress Effect on Impact of Friction Coefficient Effect on Scratch Behavior of Polymers
1:10 – 2:00 pm	<u>H.-J. Sue (Lead)</u> (Members Only)	Future Plan, Date of Next Meeting, etc.
2:00 –	Adjourn or Lab Tour, Demo, etc.	

Contact information is Isabel Cantu, PTC Program Coordinator: