



POLYMER TECHNOLOGY CENTER

Scratch Behavior Consortium

Texas A&M University

Meeting Agenda

9:00 am, April 19, 2012 (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 – 9:45 am	M. Hossain and <u>H.-J. Sue</u> TAMU	Characterization of mar behavior of polymers for smooth and textured surfaces
9:45 - 10:25 am	<u>M. Hossain</u> and H.-J. Sue TAMU	Minimization of surface friction effect on scratch- induced deformation in polymers
10:25 – 10:40 am	<u>Break</u>	
10:40 – 11:10	<u>M. Hossain</u> and H.-J. Sue TAMU	FEM simulation on viscoelastic scratch behavior of polymers
11:10 – 11:40 pm	<u>Ehsan Moghbelli</u> and H.-J. Sue TAMU	Effect of moisture exposure on scratch behavior and deformation recovery of PMMA
11:40 – 12:40 pm	<u>Lunch Break</u>	Including Lab Tour (Hot Lunch Served)
12:40 – 1:30 pm	<u>Noah Smith</u> and Allan Moyses Surface Machines Systems	Quantitative machine vision assessment of scratch and mar resistance of smooth and textured TPO Surfaces; Demonstration
1:30 – 2:20 pm	<u>H.-J. Sue (Lead)</u> (Members Only)	Future Plan, Date of Next Meeting, etc.
2:20 –	Adjourn <i>or</i> Lab Tour, Individual Discussion, etc.	

Contact information is Isabel Cantu, PTC Program Coordinator: