



POLYMER TECHNOLOGY CENTER

Scratch Behavior Consortium

Texas A&M University

Meeting Agenda

9:00 am, April 26, 2007
301 Eng. Phys. Bldg.
College Station, TX 77843-3123

8:30 – 9:00 am	Isabel Cantu, TAMU H.-J Sue, TAMU	Registration & Reception (Refreshments Served)
9:00 – 9:05 am	<u>H.-J. Sue</u> , TAMU	Welcome, Overview of Agenda, New Members
9:05 – 9:45 am	<u>R. Browning</u> , H. Jiang, Allan Moyses, H.-J. Sue, TAMU	Mar Testing and Evaluation of Model PP Systems – Effectiveness of the ASTM 7027-05 for Mar Testing
9:45 - 10:40 am	<u>H. Jiang</u> , J. Whitcomb, H.-J. Sue, TAMU	FEM Modeling of Scratch Behavior of Model PP Systems – Comparison Between Experimentation and Modeling
10:40 – 10:50 am	<u>Break</u>	
10:50 – 11:00 am	Ed Lau, Solvay Eng. Polymer	ISO Standard Update
11:00 – 11:30 am	H. Jiang, R. Browning, Allan Moyse, <u>H.-J. Sue</u> , TAMU	Quantitative Evaluation of Scratch and Mar – Visually Based or Normalized Grayscale Bar Based?
11:30 – 11:50 pm	<u>Allan Moyses</u> , Noah Smith, Surface Machines Systems	Scratch Machine Functionality, Upgrades, Sales, Service, Parts, Pricing, etc.
11:50 – 12:45 pm	<u>Lunch Break</u>	Including Lab Tour of the Scratch Machine
12:45 – 1:15 pm	<u>E. Moghbelli</u> , <u>R. Browning</u> , <u>H. Jiang</u> , <u>H.-J. Sue</u> , TAMU	Scratch Behavior of Polymer Nanocomposites
1:15 - 1:45 pm	<u>Han Jiang</u> J. Whitcomb, and H.- J. Sue, TAMU	FEM Modeling via an Efficient Re-Meshing Scheme
1:45 – 2:20 pm	R. Browning, H. Jiang, Allan Moyse, <u>H.-J. Sue</u> , TAMU	Scratch Behavior of Model Polystyrene Systems – A Comparison Between Micro-Scratch and Nano- Scratch
2:20 – 2:30 pm	<u>Break</u>	
2:30 – 3:00 pm	<u>H.-J. Sue (Lead)</u> , (Members Only)	Future Plan, Action Items, Date of Next Meeting, etc.
3:00 pm	Adjourn	

Contact information is Isabel Cantu, PTC Program Coordinator: