



## POLYMER TECHNOLOGY CENTER

### Scratch Behavior Consortium

#### Texas A&M University

#### Meeting Agenda

9:00 am, April 16, 2009 (Thursday)  
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 – 9:40 am	H. Jiang, J.R. Browning, Y. Song, <u>H.-J. Sue</u> , TAMU	Overview of the Scratch, Mar, and Abrasion research
9:40 - 10:20 am	<u>H. Jiang</u> , <u>Y. Song</u> , J. Whitcomb, H.-J. Sue, TAMU	Mechanical Modeling of Stick-Slip Mechanism During Polymer Scratch
10:20 – 10:35 am	<b><u>Break</u></b>	
10:35 – 11:15 am	<u>R. Browning</u> , Han Jiang, <u>Y. Song</u> , H.-J. Sue, TAMU	Standardized Evaluation of Mar and Abrasion Resistance of TPOs Using Custom Built Tips
11:15 – 12:00 pm	<u>Allan Moyses</u> , Noah Smith, Surface Machines Systems	Introduction of the Newly Built G4 Scratch Machines
12:00 – 1:00 pm	<b><u>Lunch Break</u></b>	Including Lab Tour
1:00 – 1:30 pm	Han Jiang, R. Browning, Y. Song, and <u>H.-J. Sue</u>	Categorization of Scratch Damage and Implications of the Standardized Scratch Tests
1:30 – 2:15 pm	<i>All</i>	Automatic Scratch, Mar, and Abrasion Resistance Determination Using ASV Software – Effect of Scanning Angle; Demonstration
2:15 – 3:00 pm	<u>H.-J. Sue (Lead)</u> , (Members Only)	Future Plan, <b>Round-Robin Tests</b> , Date of Next Meeting, etc.
3:00 pm	<b>Adjourn</b>	

Contact information is Isabel Cantu, PTC Program Coordinator: