



PTC

POLYMER TECHNOLOGY CENTER

TEXAS A&M ENGINEERING EXPERIMENT STATION

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TEXAS A&M
UNIVERSITY.

32nd SCRATCH Behavior Consortium Meeting *Texas A&M University*

Tentative Meeting Agenda

Noon – 4:30pm, October 5, 2016 (Wednesday)

Troy-Marriott

200 W. Big Beaver Road, Troy, MI 48084

Mediterranean Room

Noon – 12:30 pm	<i>All</i>	Don't forget to pick up your lunch box & drink provided by the SPE Detroit Section
12:30 – 12:45 pm	<i>H.-J. Sue</i>	Welcome, Overview of Agenda
12:45 – 1:15 pm	<i>James Chrisman</i> and H.-J. Sue	Refined Black Box Design for Scratch and Mar Evaluation of Polymers (Avery Dennison)
1:15 - 1:45 pm	<i>James Chrisman</i> , Shuang Xiao, Shuoran Du and H.-J. Sue	Analysis of New Mar Evaluation Method Based on High Gloss Samples (Ford) and Textured TPOs (Mytex)
1:50 – 2:20 pm	Mohammad Hossain, <i>Shuang Xiao</i> and H.-J. Sue	FEM Modeling of Scratch-induced Deformation in Multi-layered Coatings (Kaneka)
2:20 – 2:30 pm	Break	
2:30 – 3:00 pm	M. Hossain, Mukund Gundi, James Chrisman, and <i>H.-J. Sue</i>	Effect of Additives and Processing Conditions on Scratch and Mar Behavior of TPOs (Advanced Composites)
3:00 – 3:30 pm	<i>Shuang Xiao</i> and H.-J. Sue	Effect of Moisture Exposure on Scratch Resistance of Polyurethane Elastomers (BASF)
3:30 – 4:00 pm	Fan Lei, Peng Li, and <i>H.-J. Sue</i>	Scratch Resistance of Epoxy Nanocomposite Coating Containing 2D Self-assembled Nanoplatelets (DOT and Kaneka)
4:00 – 4:30 pm	<i>All</i>	Mar Evaluation Standardization Discussion Future Plan, Research Prioritization, Date of Next Meeting, etc.
4:30 pm	Adjourn	

Contact Isabel Cantu at icantu@tamu.edu or (979) 458-0918 for further information.