



# PTC

**POLYMER TECHNOLOGY CENTER**

TEXAS A&M ENGINEERING EXPERIMENT STATION

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**TEXAS A&M**  
UNIVERSITY.

## *31<sup>st</sup> SCRATCH Behavior Consortium Meeting*

### *Tentative Meeting Agenda*

*Noon – 4:30pm, April 12, 2016 (Tuesday)*

*TAMU Institute of Bioscience & Technology Building-Houston*

*(Boardroom-Room 1119)*

*2121 West Holcombe Blvd.*

*Houston, TX 77030*

Noon – 12:40 pm	<i>All</i>	<b>Welcome, Lunch</b>
12:40 – 12:45 pm	<i>All</i>	<b>Overview of Agenda and Introduction</b>
12:45 – 1:15 pm	<i>James Chrisman, Michela Puopolo and <u>H.-J. Sue</u></i>	Quantitative Evaluation of Mar Visibility Resistance in Painted and High Gloss Polymer Surfaces
1:15 - 1:45 pm	<i><u>James Chrisman</u>, Mukund Gundi, M. Hossain and H.-J. Sue</i>	Effect of Additives and Processing Conditions on Scratch and Mar Behavior of TPOs
1:45 – 2:15 pm	<i><u>Mukund Gundi</u>, Mohammad Hossain and H.-J. Sue</i>	Effect of Pencil Hardness on Scratch and Mar Behavior of Coatings
2:15 – 2:30 pm	<b>Break</b>	
2:30 – 3:00 pm	<i><u>Mohammad Hossain</u> and H.-J. Sue</i>	FEM Modeling of Scratch-induced Deformation in Multi-layered Coatings
3:00 – 3:30 pm	<i><u>Shuang Xiao</u> and H.-J. Sue</i>	Evaluation of Scratch Behavior of Soft Polymers Using ASTM/ISO Scratch Test
3:30 – 4:00 pm	<i><u>James Chrisman</u> and H.-J. Sue</i>	Analysis of New Mar Evaluation Method on Textured Samples
4:00 – 4:30 pm	<i>H.-J. Sue</i>	Future Plan, Research Prioritization, Date of Next Meeting, etc. & Adjourn
4:30	<b>Adjourn</b>	If you stay for dinner, a dinner party will be arranged

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