



# THERMOSET TOPCON

Madison, Wisconsin • May 17-18, 2022

Presented by SPE Thermoset Division

## CROSSLINKING VALUABLE RESOURCES

AT THE MONONA TERRACE COMMUNITY AND CONVENTION CENTER

### TUESDAY, MAY 17

SCHEDULE SUBJECT  
TO CHANGE

ALL TIMES USA EDT

7:00–8:00

NETWORKING BREAKFAST Sponsored by



& EXHIBITS

8:00–8:15

OPENING COMMENTS: Len Nunnery, Plenco

MODERATOR: Len Nunnery, Plenco

8:15–9:00

KEYNOTE ADDRESS:

Thermosets - A Historical Perspective,  
Tim Osswald, University of Wisconsin-Madison

9:00–9:30

PROCESS TECHNOLOGY:

3D Printed Adhesives: Enabling High-Performance Composite Structures  
Alec Redmann, Trek Bicycle

9:30–10:00

MATERIAL TECHNOLOGY:

Structural SMC Working in Conjunction with Prepreg Parts with Stiffness Dominated Failure Modes  
Ruchir Shanbhag, Lattice Composites

10:00–10:30

BREAK & EXHIBITS

10:30–11:00

PROCESS TECHNOLOGY:

Epoxy Molding Compounds: Enabling Electronics Today and in the Future  
Jeff Gotro, Ph.D., InnoCentrix, LLC

11:00–11:30

TESTING TECHNOLOGY:

“Setting” the Path for Success in Thermoset Manufacturing with Upfront Process Simulation  
Eric Foltz, The Madison Group

11:30–12:00

MATERIAL TECHNOLOGY:

Maximizing Weight Reduction While Improving Properties of Glass Bubble Containing Thermoset Composites  
Stephen Amos, 3M Advanced Materials Division

12:00–1:00

NETWORKING LUNCHEON Sponsored by



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MODERATOR: Dale Silvernell, IDI Composites International

1:00–1:45

KEYNOTE ADDRESS:

How Composites May Play a Role in Future Mobility  
Carla Bailo, Center for Automotive Research

1:45–2:15

MATERIAL TECHNOLOGY:

Development of Sheet Molding Compound (SMC) with Specific Gravity Below 1.0 to Meet Aggressive Lightweighting Targets, Vinod Arora and Jason Corpus, Core Molding Technologies, Lora Mason and Jonathan M. McKay, Ph.D., INEOS Composites

2:15–2:45

BREAK & EXHIBITS

2:45–3:15

MATERIAL TECHNOLOGY:

Thermosets – More than a Bridge Between Metal and Thermoplastic Materials  
Ingo Schwarz, Schwarz Plastic Solutions

3:15–3:45

MATERIAL TECHNOLOGY:

EMI Shielding, Thermal and Electrical Conductivity for the COMPOSITE industry utilizing NOVEL technology like graphene in 2D and 3D structure  
Christian Oberleitner, SP2 Carbon

3:45–4:15

SOURCING:

Evolution of Sourcing Methodology  
Zachary Montognes, Ashley Industrial Molding

4:15–4:45

TESTING TECHNOLOGY:

Characterization of Thermosets RCR Capillary Rheometer for the Laboratory or on the Shop Floor  
Tim Haake, Goettfert

4:45–5:00

CLOSING COMMENTS: Len Nunnery, Plenco

5:00–7:00

COCKTAIL RECEPTION Sponsored by



& EXHIBITS

7:00

CONFERENCE ADJOURNS FOR THE DAY

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### WEDNESDAY, MAY 18

SCHEDULE SUBJECT  
TO CHANGE

ALL TIMES USA EDT

7:30–8:45	NETWORKING BREAKFAST <i>Sponsored by</i> <b>lyondellbasell</b> <i>Advancing Possible</i> & EXHIBITS	
8:45–9:00	OPENING COMMENTS: <b>Len Nunnery, Plenco</b>	
	MODERATOR: <b>Allen Roman, University of Wisconsin-Madison</b>	
9:00–9:30	PROCESS TECHNOLOGY:	<b>Toyota Tundra Seat Back Thermoplastics Coupled with Thermoset Structure</b> <b>Hank Richardson, L&amp;L Products</b>
9:30–10:00	PROCESS TECHNOLOGY:	<b>New Innovative Cutting Processes For SMC Material</b> <b>Christian Fais, Schmidt &amp; Heinzmann North America Inc.</b>
10:00–10:30	BREAK & EXHIBITS	
10:30–11:00	INDUSTRY NEWS:	<b>How PlastiVan® is Making a Difference</b> <b>Eve Vitale, SPE Foundation</b>
11:00–11:30	MATERIAL TECHNOLOGY:	<b>Assessing the Influence of Moisture and Surface Treatment of Aluminium Hydroxide on the Processing and Stability of Highly Filled 2K-Resin</b> <b>Reiner Sauerwein, Nabaltec AG</b>
11:30–12:00	COMPONENT TECHNOLOGY:	<b>EVO PT®: New Self-Tapping Fastener Technology for Direct Fastening into Thermoset Materials</b> <b>Zack Lanman, ATF</b>
12:00–1:00	NETWORKING LUNCHEON & EXHIBITS	
	MODERATOR: <b>Hridyesh Raj Tewani, University of Wisconsin-Madison</b>	
1:00–1:30	PROCESS TECHNOLOGY:	<b>Recycling Thermosets: The History and How To Do it Cost Effectively</b> <b>Randy Lewis, PR Consulting</b>
1:30–2:00	MATERIAL TECHNOLOGY:	<b>Advanced Low VOC Composite Materials for Automotive Applications</b> <b>Junxian Wu, Ineos Composites</b>
2:00–2:30	MATERIAL TECHNOLOGY:	<b>Strategies for Cure Monitoring of Wind Turbine Blades</b> <b>Huan Lee, Lambient Technologies</b>
2:30–3:00	BREAK & EXHIBITS	
3:00–3:30	MATERIAL TECHNOLOGY:	<b>Nano Materials and Weatherable Molded-in-Color Composites with Reduced Density Characteristics</b> <b>Paul A Rettinger, Chromaflo</b>
3:30–4:00	CLOSING COMMENTS: <b>Len Nunnery, Plenco</b>	
4:00–4:30	<b>“All Things Bakelite: The Age of Plastic”</b> <i>A video documentary about LH Baekeland, inventor of Bakelite</i>	
4:30	CONFERENCE ADJOURNS	

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