AT THE MONONA TERRACE COMMUNITY AND CONVENTION CENTER

THERMOSET TOPCON

Madison, Wisconsin • April 30-May 1, 2024

Presented by SPE Thermoset Division

THERMOSETS: REINFORCING INDUSTRY

TUESDAY, APRIL 30

ALL TIMES CT (Central Time)

SCHEDULE SUBJECT TO CHANGE

7:00–8:00	**NETWORKING BREAKFAST** *Sponsored by* IDI Composites International idicomposites.com **& EXHIBITS**	
8:10–8:20	**OPENING OF THE 2024 TOPCON SHOW: Len Nunnery,** *Board Member* TOPCON - *Plenco*	
8:20–8:30	**WELCOME TO TOPCON : Sean Campbell,** *Chair* TOPCON - *LyondellBasell*	
	DAY 1 AM MODERATOR: Sean Campbell, *Chair* TOPCON - *LyondellBasell*	
8:30–9:15	**KEYNOTE ADDRESS:**	**EMPOWERING WOMEN IN COMPOSITES: BUILDING BRIDGES AND STRENGTHENING THE INDUSTRY** **Marcy Offner,** ***Composites One & Women in the Composites Industry (WCI)***
9:15–9:45	**FEATURED PRESENTATION:**	**UNIVERSITY OF WISCONSIN - MADISON SAE RACING TEAM VEHICLES MADE WITH THERMOSET TECHNOLOGY,** **Nathan Warda,** ***UW-Madison***
9:45-10:15	**NETWORKING BREAK & EXHIBITS**	
10:15–10:45	**PROCESS TECHNOLOGY:**	**Cutting & Stacking Redesignbed AutoCut Pick & Place** Christian Fais, *Schmidt & Heinzmann*
10:45–11:15	**MATERIAL TECHNOLOGY:**	**High-Performance Thermosetting Resin** Henry Sodano, *Trimer Technologies*
11:15–11:45	**SUSTAINABILITY:**	**Understanding the Carbon Footprint of Sheet Molding Compounds** Eric Haiss, *IDI Composites International*
11:45–12:15	**MATERIAL TECHNOLOGY:**	**High End Properties of Polyesters** Adam Tomasik, *LyondellBasell*
12:15–1:15	**NETWORKING LUNCH** *Sponsored by* MBI MAR-BAL INCORPORATED **& EXHIBITS**	
	DAY 1 PM MODERATOR: Len Nunnery, *Board Member* TOPCON - *Plenco*	
1:15–1:45	**TESTING TECHNOLOGY:**	**Ultrasound Inspection, Geometric Characterization of Damage, and Final Part Performance Prediction Methodology for Laminated Composites with Drilled Holes** Dr. David Jack & Kirtunia Rahul, *Baylor University*
1:45–2:15	**TESTING TECHNOLOGY:**	**Ultrasonic Waveform Tracking and Testing of Mechanical Properties of Carbon Fiber Laminate Internal Ply Drops** Dr. David Jack & Kirtunia Rahul, *Baylor University*
2:15–2:45	**TESTING TECHNOLOGY:**	**Fire Retardent Chemistries, Mechanisms, Small Scale Burn Test for Thermosets** Glade Squires, *Omya* & Vinod Arora, *Core Molding Technologies*
2:45–3:15	**NETWORKING BREAK & EXHIBITS**	
3:15–3:45	**SUSTAINABILITY:**	**Recycling Thermosets** Mike Siwajek, *Teijin Automotive Technologies*
3:45–4:15	**PROCESS TECHNOLOGY:**	**Reducing Air Trap and Weld Lines While Ensuring Uniform Heating While Molding BMC Materials** Ryan Furno, *Sigmasoft*
4:15–4:45	**MATERIAL TECHNOLOGY:**	**Coupling Agents: Additives for Enhancing Mechanical Properties of Thermoset Composites** Brian Kleinheinz, *BYK USA*
4:45–5:00	**DAY 1 CLOSING REMARKS Sean Campbell, Chair TOPCON -** *LyondellBasell*	
5:00–7:00	**COCKTAIL RECEPTION** *Sponsored by* plenco **& EXHIBITS**	
7:00	**CONFERENCE ADJOURNS FOR THE DAY**	

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WEDNESDAY, MAY 10

ALL TIMES CT (Central Time)

SCHEDULE SUBJECT TO CHANGE

7:00–8:00	**NETWORKING BREAKFAST** *Sponsored by* lyondellbasell *Advancing Possible* **& EXHIBITS**	
	DAY 2 AM MODERATOR: Greg Spaeth, *Board Member* TOPCON – *Plenco*	
8:00–8:30	**SUSTAINABILITY:**	**Towards More Sustainable Resins** Johnathon McKay, *INEOS Composites*
8:30–9:00	**SUSTAINABILITY:**	**Case Studies Showing Benefits of Thermosets for Environment & Reclaimed Recycling** Greg Spaeth, *Plenco*
9:00–9:30	**SUSTAINABILITY:**	**Biodegradable Chitin Nanowhisker Reinforcement In Epoxy: A Themal and Mechanical Property Analysis** Aaron Gunan, *Neptune Nanotechnologies & Lampton College Ontario*
9:30–10:00	**NETWORKING BREAK & EXHIBITS**	
10:00–10:30	**BUSINESS:**	**2024 Composite Market Vision** Paul Salach, *Owens Corning*
10:30–11:00	**PROCESS TECHNOLOGY:**	**Flat AC Dielectric Sensors for Flow Front Montoring in VARTM** Huan Lee, *Lambient Technologies*
11:00–11:30	**MATERIAL TECHNOLOGY:**	**BEVs, Hybrids and the Drive to Lightweighting - Adhesives to assist in Composites Growth** Steven Webb, *Parker*
11:30–12:30	**NETWORKING LUNCH** *Sponsored by* SPE THERMOSET TOPCON *World's Leading Thermoset Technology Conference & Expo* *Presented by SPE Thermoset Division* **& EXHIBITS**	
	DAY 2 PM MODERATOR: Sean Campbell, *Chair* TOPCON - *LyondellBasell*	
12:30–1:00	**PROCESS TECHNOLOGY:**	**Controlling Viscosity of Filled Composite Systems** Eric Antonio, *Omya*
1:00–1:30	**PROCESS TECHNOLOGY:**	**The Thermoset Factory of the Future: Utilizing Real-Time Material Characterization and Process Simulation** Alec Redmann, *sensXPERT - technology by NETZSCH*
1:30–2:00	**BREAK & EXHIBITS**	
2:00–2:30	**PROCESS TECHNOLOGY:**	**Moldex Enhancing Electromobility: Advancements in Compression Molding Simulation Through Moldex3D** Harshal Bhogesra, *Moldex3D*
2:30–3:00	**SUSTAINABILITY:**	**Thermoset Automotive Bracket Replaces Magnesium in Valeo Application and Wins as a Finalist in SPE Automotive innovation Awards Program 2023** Don Wood, *LyondellBasell*
3:00–3:30	**SUSTAINABILITY:**	**End of Life Considerations for Thermosets: Current State -of-the Art** Jeff Gotro, *InnoCentrix*
3:30–3:45	**CLOSING COMMENTS: Len Nunnery,** *Board Member* TOPCON - *Plenco*	
3:45	**CONFERENCE ADJOURNS FOR THE YEAR**	

AGENDA 2024