



THERMOSET TOPCON

Madison, Wisconsin • May 17-18, 2022

Presented by SPE Thermoset Division

“THERMOSETS — CROSSLINKING VALUABLE RESOURCES”

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SPE® THERMOSET DIV. ANNOUNCES SECOND KEYNOTE FOR TOPCON 2022:

“THE EVOLUTION OF AUTO/MOBILITY INCLUDING BATTERY ELECTRIC VEHICLES AND GROWTH OPPORTUNITIES FOR COMPOSITES” WILL BE PRESENTED BY CARLA BAILO, PRESIDENT AND CEO OF THE CENTER FOR AUTOMOTIVE RESEARCH (CAR)

The SPE Thermoset Div. is announcing its second keynote speaker for their annual TopCon event to be held on May 17 – 18, 2022 at the Monona Terrace and Convention Center in Madison, Wisconsin.

“THE EVOLUTION OF AUTO/MOBILITY INCLUDING BATTERY ELECTRIC VEHICLES AND GROWTH OPPORTUNITIES FOR COMPOSITES,” will be presented by Carla Bailo, President and CEO of the Center for Automotive Research (CAR). Her presentation will outline the evolution taking place in the Auto/Mobility industry including Connected, Automated, Shared and Electric (C.A.S.E.) mobility and will include CAR research demonstrating how plastics and composites can play a role. “Our research suggests that automakers and suppliers continue to look at new and innovative ways to utilize composites in next generation vehicles,” said Bailo. “According to CAR research, plastics and polymer composites are projected to more than double in automotive applications by 2035,” added Bailo. “Increasing electric vehicle production is supercharging the growth of plastics and composites in the automotive industry.”

The demand for affordable, lightweight, fuel-efficient vehicles created a greater demand for polymer composites in recent years. Today, electric vehicles are increasing the demand for composites to reduce battery weight, improve safety by decreasing risk of short circuits, enhance battery protection in case of impact, and extend charging range. Composites are also playing a key role in the development of the infrastructure for electric vehicles including charging stations, ancillary equipment and more. Beyond this, the demand for sustainable polymer composites is growing and this will be discussed from a corporate ESG (Environmental, Social and Governance) perspective.

The SPE Thermoset TopCon 2022 will also feature a keynote titled “**THERMOSETS – A HISTORICAL AND FUTURE PERSPECTIVE**” presented by Professor Tim A. Osswald, Director of the Polymer Engineering Center (PEC) at the University of Wisconsin – Madison. Technical presentations and exhibits highlighting advances in materials, processes, and equipment for thermoset technologies in electrical, automotive, off-highway, appliance, aerospace, building and construction, oil and gas, and other industries are also featured. The conference includes two full days of technical sessions with a networking breakfast, lunch and cocktail reception on May 17, and a networking breakfast and lunch on May 18. Optional social events, including a golf outing at University Ridge Golf Course and a tour of the Polymer Engineering Center (PEC) at the University of Wisconsin-Madison are offered on May 16, the day before the conference begins.

Conference Venue: Inspired by Wisconsin native Frank Lloyd Wright’s design, at the peak of his creative powers in 1938, the Monona Terrace Community and Convention Center is one of the country’s premier conference and convention facilities. On the shores of Lake Monona, it is an architecturally striking structure that connects the state capital, the cityscape, and the community. The conference exhibits, meals and cocktail reception will be in the Community Terrace with pristine views of Lake Monona offering a relaxing and enjoyable experience. The presentations will be in the Lecture Hall offering comfortable theatre style seating, staging and professional audio-visual support. Special rates are provided for conference attendees at the Hilton Madison Monona Terrace which is connected via skywalk to the conference venue. See <https://www.mononaterrace.com> and <https://www3.hilton.com/> for more info.

Sponsors: SPE Thermoset TopCon 2022 sponsors to date include: Mar-Bal, Inc.; Plenco (Plastics Engineering Company); IDI Composites International; LyondellBasell; Glenwood Tool & Mold, Inc.; Chromaflo Technologies; Huber Engineered Materials; ICT Molding Solutions; American Colors; Cimbar; AOC; Molding Products; Penn Compression; Lattice Composites; Materia; Composites One; Goettfert Inc.; Axiom Materials; ATF; OMYA; Schmidt & Heinzmann; Nabaltec and CompositesWorld.

The mission of SPE is to promote scientific and engineering knowledge relating to composites worldwide and to educate industry, academia, and the public about the technological advances. SPE’s Thermoset Division is active in educating, promoting, recognizing, and communicating technical accomplishments in thermoset technology in multiple industries. Topic areas include applications, materials, processing, equipment, tooling, design, and development. For more information see <https://spethermosets.org/topcon/> For more information on the **Society of Plastics Engineers**, see www.4spe.org.

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Ms. Carla Bailo –Center for Automotive Research (CAR)

Carla Bailo is the President and CEO of the Center for Automotive Research (CAR), and is a leader in engineering and vehicle program management with 35 years of experience in the automotive industry. Under her leadership, CAR continues to be a preeminent resource of objective and unbiased research, analysis, and information regarding the North American automotive industry.

In addition to her role at CAR, Ms. Bailo is the 2016-2018 vice president of automotive for SAE International, a global association of more than 138,000 engineers and related technical experts in the aerospace, automotive and commercial-vehicle industries.

Prior to joining CAR, she was most recently the assistant vice president for mobility research and business development at The Ohio State University. She also has 25 years of experience at Nissan North America, Inc., where she served as senior vice president of research and development. Ms. Bailo also spent 10 years at General Motors. She has a MS degree in mechanical engineering from the University of Michigan and a BS degree in mechanical engineering from Kettering University.

CAR High Res Image Downloads: [Carla Bailo](#)

About CAR:

The Center for Automotive Research (CAR) produces industry-driven research and analyses; develops forecasts; fosters dialogue and convenes forums; and publicly disseminates our research through events, our website, and the media.

As an independent, non-profit, research organization with a multi-disciplinary approach, CAR engages with leaders in the global automotive industry to support technology advancements and improve the competitiveness of the U.S. automotive industry. We succeed through close collaboration and strong relationships with automakers, suppliers, industry associations, government, non-profits, labor organizations, and educational institutions.

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