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KEYNOTE ANNOUNCED FOR SPE® ACCE 2020 VIRTUAL EVENT –
"AUTOMOTIVE PLASTICS & POLYMER COMPOSITES: A ROADMAP FOR FUTURE MOBILITY"
Jose Chirino, American Chemistry Council Automotive Team Chair &
Technical Director for the High Performance Materials business unit at LANXESS Corporation

TROY (DETROIT), MICH. - The executive planning committee for the SPE® Automotive Composites Conference & Expo (ACCE) is announcing the first keynote speaker for their ACCE 2020 Virtual Event, September 9 – 11, 2020. Jose Chirino, American Chemistry Council Automotive Team Chair & Technical Director for the High Performance Materials business unit at LANXESS Corporation, will present "Automotive Plastics and Polymer Composites: A Roadmap for Future Mobility." The presentation, will outline the American Chemistry Council's new roadmap to help automakers and their suppliers invent mobility solutions that can meet the demands of the revolution underway in personal mobility. The new roadmap calls for a series of industry-wide, collaborative activities to capture opportunities in each area of the ACCESS framework – Autonomy, Connectivity, Circularity, Electrification, Shared Mobility and Sustainability. These pre-competitive, cooperative efforts will help automakers unleash the full potential of the advanced plastics and composites essential to enabling future mobility needs.

"Mobility solutions of the future will be enabled by the unique and flexible characteristics inherent in polymer composites," said Chirino. "Composites enable safe and seamless integration of sensors, electronics, and

batteries into vehicles without adding extra weight," added Chirino. "Automotive fuel economy is improved and greenhouse gas emissions are reduced with the mass savings enabled by lightweight plastics and polymer composites," continued Chirino. "Polymer composites can also enhance interiors with improved wear and tear, antimicrobial surfaces, and enable modular and multi-configurable interior components desired in shared and autonomous vehicles."

In addition to daily keynote presentations, the three-day virtual ACCE will feature approximately 45 technical presentations, 2 – 3 panel discussions, and over 50 sponsors presenting advances in materials, processes, and equipment for both thermoset and thermoplastic composites in a wide variety of transportation applications. Daily virtual networking opportunities will enhance the value of the event that expects to draw over 400 attendees worldwide. The Automotive and Composites Divisions of the Society of Plastics Engineers (SPE®) jointly produce the ACCE to educate the industry about the benefits of composites in automotive, light and heavy-duty truck, off-highway vehicles, and other ground transportation applications.

The technical presentations (20 - 30 min. ea.) are organized in the following categories: Advances in Thermoplastic Composites, Advances in Thermoset Composites, Virtual Prototyping, Testing & Modeling, Reinforcement Technologies, Additive Manufacturing & 3D Printing, Nanocomposites, Enabling Technologies, Sustainable Composites, Bonding, Joining & Finishing, Opportunities & Challenges with Carbon Composites, and Business Trends & Technology Solutions.

"Composites – Driving Innovative Transportation with Electrification, Mobility, Autonomy," is the theme for this year's event reflecting the industry advancing with new technologies and polymer composites solutions. The 2020 ACCE is co-chaired by Dr. Alper Kiziltas, technical expert, Ford Motor Company and SPE Automotive Div. Chair and Dr. Xiaosong Huang, lab group manager of Polymer Composites Systems in GM Global Research & Development, General Motors Company. The technical program is co-chaired by Dr. David Jack, associate professor, Mechanical Engineering at Baylor University, Dr. Leonardo Simon, professor, Chemical Engineering at Waterloo University, and Dr. Oleksandr G. Kravchenko, assistant professor, Composites Modeling and Manufacturing Group, Department of Mechanical and Aerospace Engineering at Old Dominion University.

TROY (DETROIT), MICH. – Jose Chirino, American Chemistry Council Automotive Team Chair & Technical Director for the High Performance Materials business unit at LANXESS Corporation, will present "Automotive Plastics and Polymer Composites: A Roadmap for Future Mobility" at the ACCE 2020 Virtual Event, September 9 – 11, 2020.

Jose became the Chair for the ACC Automotive team in the Spring of 2019. The ACC Automotive team is a pre-competitive forum of plastics industry experts promoting broader polymer solutions for the automotive industry.

Jose Chirino is the Technical Director for the High Performance Materials business unit at LANXESS Corporation, leading the Americas technical team on the development of new products and applications for engineering plastics in automotive and the electronics industries.

His 20 years of experience in plastics, encompasses the spectrum of production to end-product, and design through application development with various polymers such as: polyurethanes, polycarbonate, polyesters and polyamides.

Jose holds a degree in Chemical Engineering from the National Autonomous University of Mexico (UNAM).

Mr. Chirino will address ACC's 2020 Plastics and Automotive Technology Roadmap, including lightweight plastics' and composites' role in vehicle and passenger safety, their essential contributions to mega trends like autonomous driving, and latest research projects shaping the industry.

For more information and the SPE ACCE see www.speautomotive.com/acce . For more information on the ***Society of Plastics Engineers***, see **www.4spe.org**