

# THE FUTURE OF TRANSPORTATION-MOBILITY AND BEYOND!

24<sup>TH</sup> ANNUAL



## AUTOMOTIVE COMPOSITES CONFERENCE & EXHIBITION

Novi, MI • September 4-6, 2024

*Presented by SPE Automotive and Composites Divisions*

WORLD'S LEADING AUTOMOTIVE COMPOSITES FORUM

LIGHTWEIGHT - STRUCTURALLY SOUND - DESIGN FREEDOM - SUSTAINABILITY

# ACCE 2024 PARTS COMPETITION

There is no cost to nominate a part for the competition, although it is only open to conference participants (whether speakers, attendees, or sponsors/exhibitors).

Parts may be OEM or Aftermarket on a vehicle available for commercial sale anywhere in the world, or a development/prototype demonstrating a significant advancement in composites technology. Parts and/or prototypes can be for passenger vehicles, light- or heavy-duty trucks, other vehicles or transportation applications.

Parts will be reviewed by a group of judges from the SPEACCE organizing committee. These judges will pick: **2 winners in Materials Innovation** (1 from the Production Part Category/Part on a Vehicle, and 1 from the Prototype Category); and **2 winners in Process Innovation** (1 from the Production Part Category/Part on a Vehicle, and 1 from the Prototype Category). An additional prize, the **People's Choice award**, will be selected by vote of conference attendees. The People's Choice will be from the Prototype or Production Part Category – there will only be 1 People's Choice Winner. Winners will be announced on the last day of the event. Winning nominating parties will be honored with a trophy.

Nominations will be judged on the impact and trendsetting nature of the application, including materials of construction, processing method, assembly methods, and other enabling technologies that made the application possible. Nominations should also emphasize benefits of design, weight and cost reduction, parts consolidation, functional integration, and improved performance.

**Nomination abstracts** (Brief descriptions 30 words approx.) **are due June 30, 2024** and **final write-ups are due July 30, 2024** via email to **Dr. Leonardo Simon** at [LSimon@uwaterloo.ca](mailto:LSimon@uwaterloo.ca). Parts must be present at the SPE ACCE and available for display set-up on Sept. 3, 2024. There will be a formal walk-through for judges during the SPE ACCE to review parts. Final decisions will be made during the conference.

## SPE ACCE PARTS COMPETITION NOMINATION INSTRUCTIONS

**Use the format below for your nomination and limit it to 5 pages maximum (including description, photos, charts or graphs, etc.).**

1. Note Part Category (A. Materials Innovation: Production Part or Prototype OR B. Process Innovation: Production Part or Prototype). Include Name of Part, Part Description & Photo.
2. Describe the Most Innovative Features of the Part. (Include additional photos if applicable).
3. Describe the Material and/or Process Innovations, Weight savings, Cost savings, Performance improvements, Safety improvements, Functional improvements, Integration & Environmental Benefits, and any additional innovative benefits. Include Photos, graphs and/or charts, etc. if applicable.
4. OEM, Make & Model Year of Vehicle, Where Part is used, or will be used, if available.
5. Materials of Construction (resin, reinforcements, additives or other interesting aspects).
6. Resin Supplier/Reinforcement Supplier / Other Key Material Suppliers.
7. Processing Methods used to Produce Part (how it is molded, how it is assembled, how it is finished) Include Photos and/or drawings if applicable.
8. Molder/Tier Integrator Who Produces Part.
9. Optional: Provide any additional background information, or other information that further describes the innovative nature of your part nomination.
10. Name of Organization Submitting Nomination and Contact info for Part Champion.

ENABLED BY COMPOSITES