



SPE Thermoforming Conference RC Car Competition

Student Participation Form

The Division’s student design competition will culminate in a **race to the finish at the 2021 SPE Thermoforming Conference in Grand Rapids, Michigan, September 20-22!**

- Each student entrant will be supplied with an electric RC Car by a participating sponsor.
- Students may participate as individuals or in teams. Participation is limited to two teams per university, and two students per team is recommended. Exceptions will be considered on a case-by-case basis.
- Each entrant is required to submit an article on their RC Car project for publication in *SPE Thermoforming Quarterly* magazine.
- Students must design, manufacture and decorate their own car body to be mounted on a chassis provided by a sponsoring company.
- The car body must be formed using clear plastic such as PET, PETG, Acrylic or Polycarbonate. Plastic sheet, for the purpose of forming the body, is available upon request.
- The body must be produced using the vacuum/thermoforming process.
- Cars will be judged on presentation and thermoforming complexity. Winners will receive cash prizes. The first-place winner will take home a floating trophy for display at his/her college for the next 11 months.
- An indoor race track will be built at the Conference where the entrants will race each other.
- Student participants may qualify for travel expense assistance based on demonstrated need. All participants, regardless of placement in the race, will keep the RC Car they designed.
- Students are NOT required to travel to Grand Rapids to participate in the race. If you are unable to travel to Grand Rapids, a substitute driver will participate in the race on your behalf.

YES! I want to participate in the 2021 SPE Thermoforming RC Car Competition:

STUDENT NAME: _____

UNIVERSITY: _____

THIS IS MY ADDRESS (please check one – this is where the car and materials will be shipped):

Home address University address

ADDRESS: _____

CITY: _____ STATE: _____ POSTAL CODE: _____ COUNTRY: _____

CELL PHONE: _____

EMAIL: _____

I agree to abide by the guidelines of the SPE Thermoforming RC Car Competition:

- I will complete the project and submit the car for the race to be conducted in Grand Rapids, September 20-22.
- I will not modify the car chassis in any way, including, but not limited to, the design and function of the chassis, which may increase the car's velocity. I understand that modifications to the chassis will result in my immediate disqualification from participation in the race.
- I agree to make the necessary arrangements to ship the car to Grand Rapids as directed by the SPE Thermoforming Division.
- I agree to submit my travel receipts for reimbursement to the SPE Thermoforming Division as directed by September 20, 2021.
- If, for whatever reason, I am 1) unable to follow the SPE Thermoforming Division's participation guidelines; 2) to complete the project; 3) to ship the car to Grand Rapids, I agree to return the car along with the original packaging to the SPE Thermoforming Division as directed, on or before September 30, 2021.
- If, for any reason, I am unable to attend and to personally participate in the competition, my sponsor will be responsible for racing and the showcasing of my entry. The car and any associated prizes will still be presented to me, irrespective of my attendance.

SIGNATURE: _____

PRINT NAME: _____

TEAM NAME (be as creative as you like!): _____

DATE: _____

Questions? Contact:

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