Global Formula Racing Defends Formula SAE Michigan 1st Place Title

WARRENDALE, Pa., May 18, 2011 -

Joining the ranks with only two other teams (University of Texas-Arlington and Cornell University) to pull off a finish in the history of Formula SAE; Global Formula Racing, an international team collaboration consisting of State University and Duale Hochschule Baden-Württemberg-Ravensburg of Germany, clinched that honor when Place finishers at Saturday night’s award ceremony.

Global Formula Racing (GFR) succeeded in obtaining 1st Place in three of the most highly sought after awards: Design sponsored by PTC, Endurance and SAE Spirit of Excellence. Along with those first place finishes, GFR captured various events.

This international collaboration originally started with the students designing certain aspects of one another’s cars; years the collaboration moved to a whole new level last year with the two universities working together as one team to enter both in the U.S. and E.U. competitions; something they continued this year.

Formula SAE Michigan’s competition returned to the Michigan International Speedway for its fourth year at the world-renowned track offering a great experience to all who participate especially with recent site updates from recent construction on the site. The track, located in Brooklyn, Michigan the venue offers team paddocks on asphalt with built-in electric garages and suites for all static judging. All the dynamic events where the vehicles operate are on the back straight and be repaved for next year’s competition.

Over 100 teams registered for the competition however only 99 teams brought a working vehicle. SAE International representing colleges and universities from Austria, Brazil, Canada, Germany, India, Mexico, Singapore, South United States and Venezuela.

Technical Inspection saw all 99 cars in Scrutineering and eventually gave stickers to all cars as they passed; through fuel/tilt and brake/noise.

After a full day of design judging the judges invited 13 teams to participate in the Design Semi-finals. Those teams included:

Car #1 Oregon State University
Car #3 Graz University of Technology
Car #11 Universitat of Stuttgart
Car #7 Technical University of Munich
Car #5 Rochester Institute of Technology
Car #70 University of Applied Sciences - Graz
Car #2 University of Michigan - Ann Arbor
Car #45 University of Wisconsin - Madison
Car #9 Cornell University
Car #24 Karlsruhe Institute of Technology
Car #27 University of Applied Sciences Amberg-Weiden
Car #41 University of Applied Sciences Zwickau  
Car #17 Universidad Simon Bolivar  
Car #62 Virginia Tech

Pushing forward into Design Finals was:  
Car #1 Oregon State University  
Car #3 Graz University of Technology  
Car #11 Universitat of Stuttgart  
Car #5 Rochester Institute of Technology  
Car #7 Technical University of Munich  
Car #70 University of Applied Sciences Graz

Taking first place in Cost receiving the SAE Cost Award was Car #10 Kookmin University from South Korea.

Receiving the first place honors in the SAE Presentation event was Car #11 Universitat Stuttgart from German

For those cars that passed technical inspection on Thursday, teams took to the track in the morning completing Skid Pad runs. With the unusual high temperatures for Michigan weather, Car #9 Cornell University added some finish in Acceleration with a fastest time of 3.945 seconds. Heating up the pavement even more was the Univ – Graz from Austria in the Skid Pad event with the fastest time of 5.154 seconds.

In the afternoon teams completed their runs for the Ford Autocross; crossing the starting line were 84 cars. For a clean run and fastest time of 48.151 seconds was Car #36 University of Kansas-Lawrence; Kansas was a who than 2010 winners. This year’s course was designed with assistance from Sports Club Car of America providing track. Clinching second place in the Ford Autocross was Car #1 Oregon State University (Global Formula Racing) of 48.535 seconds; in third place was Car #33 South Dakota School of Mines and Technology with 48.577 seconds.

Teams who completed the event and placed were assigned a position in the Endurance run order. Eighty-six cars with each driver completing 14 laps; 35 cars finished the event.

To increase the excitement level leading up to the award ceremony; this year’s event SAE International decided order from slowest to fastest cars. As in every change made there is always some trial and error; we realize there is a flaw to the event run order however we ensure all competitors the issue will be resolved for next year.

Placing first in this year’s Endurance was car #1 Oregon State University with a total time of 1502.288 second time score for having hit 7 cones. Coming in second with an adjusted time of 1517.286 due to 6 cones was Car of Munich from Germany. And in third place Car #3 Graz University of Technology with an adjusted time of 15

**Award Winners for the 2011 Formula SAE Michigan Competition:**

**SAE Presentation Award**

The team that receives the best score in Presentation  
1st Place - Universitat of Stuttgart

**SAE Cost Award**

The team that receives the best score in Cost  
1st Place - Kookmin University

**PTC Engineering Design Award sponsored by Honda R&D Americas**
Top 3 Finishers in the Design Event - $1000, $725, $525
1st Place Oregon State University
2nd Place Graz University of Technology
3rd Place University of Stuttgart

Chief Design Judge Best Three View Drawing Award
1st Place National University of Singapore
2nd Place Northern Illinois University
3rd Place Clemson University

Honorable Mentions (in no particular order)
University of Stuttgart
Rochester Institute of Technology
University of Wisconsin - Madison
Oregon State University
University of Manitoba
Brown University
Universite de Sherbrooke

FISITA Award for Engineering Excellence in Static Events
The team with the highest overall score in the static events (Cost, Presentation and Design) - $675
Winner Oregon State University

The Joe Gibbs Spirit of Innovation Award
The most innovative application of engineering technology to motorsports - $3000, $2000, $1000
1st Place Graz University of Technology
2nd Place Oregon State University
3rd Place University of Michigan - Ann Arbor

Altair Engineering's William R. Adam Engineering Award
Development of new and innovative design concepts for FSAE racing competition - $1000, $500
1st Place University of Applied Sciences Amberg-Weiden
2nd Place University of Florida

The Fourth Annual Formula SAE Push bar Competition Event
Winner Northern Illinois University

Acceleration Award sponsored by General Motors Company
The team who receives the best score in Acceleration - $750
1st Place Cornell University

Skid Pad Award sponsored by General Motors Company
The team who receives the best score in Skid Pad - $750
1st Place University of Applied Sciences - Graz

Ford Autocross Award sponsored by Ford Motor Company
First three finishers in the Autocross event - 8 Hoosier tires, 6 Hoosier tires, 4 Hoosier tires plus trophies
1st Place  University of Kansas - Lawrence
2nd Place  Oregon State University
3rd Place  South Dakota School of Mines & Technology

Endurance Award sponsored by General Motors Company
Top three finishers in the Endurance event - $1500, $1000, $500
1st Place  Oregon State University
2nd Place  Technical University of Munich
3rd Place  Graz University of Technology

Fuel Economy Award sponsored by Ford Motor Company
Top three finishers in the Fuel Economy event - $1500, $1000, $500
1st Place  University of Applied Sciences Amberg-Weiden
2nd Place  Oregon State University
3rd Place  San Jose State University

Honda Dynamic Event Award
Best Combined Scores in Dynamic Events - $1000, $725, $525
1st Place  Oregon State University
2nd Place  Technical University of Munich
3rd Place  University of Stuttgart

The FEV Powertrain Development Award
Overall excellence in powertrain development - $1500, $750, $300
1st Place  Oregon State University
2nd Place  Technical University of Munich
3rd Place  University of Stuttgart

Goodyear Performance Award
Best Combined Scores in Autocross and Endurance - 8 Goodyear tires, 6 Goodyear tires, 4 Goodyear tires
1st Place  Oregon State University
2nd Place  Technical University of Munich
3rd Place  University of Kansas – Lawrence

Formula SAE Recognition of Accomplishment
Teams that successfully score in all events and do not finish in the top 10
Cornell University
San Jose State University
Universidad Simon Bolivar
University of Applied Sciences Amberg-Weiden
National University of Singapore
University of Toledo
Brown University
University of Pennsylvania
Purdue University - W Lafayette
Michigan State University
University of Pittsburgh - Pittsburgh
Auburn University
University of Central Florida
Georgia Southern University
University of Manitoba
Colorado State University
Southern Illinois University - Carbondale

**SAE Spirit of Excellence Award**

*Top three overall finishers - $3000, $2000, $1000*

1st Place  Oregon State University
2nd Place  Technical University of Munich
3rd Place  Universitat of Stuttgart
4th Place  Graz University of Technology
5th Place  University of Wisconsin - Madison
6th Place  University of Michigan - Ann Arbor
7th Place  University of Applied Sciences Zwickau
8th Place  University of Akron
9th Place  University of Kansas - Lawrence
10th Place University of Applied Sciences - Graz

**Door Prize Winner for Free Registration for FSAE 2011**

University of Kansas - Lawrence

To view all final score results from the Formula SAE Michigan event; you can download the additional file attached and can also visit [http://students.sae.org/competitions/formulaseries/results/](http://students.sae.org/competitions/formulaseries/results/)

The SAE Collegiate Design Series Staff would like to thank everyone who helped make this event a great success and sponsors, thank you for all your hard work and contributions! To all the students, thank you for your endeffort. For more information on this article, event results or 2012 volunteering opportunities, please contact Zundel at kzundel@sae.org.

**A Special Thanks to Our 2011 Formula SAE Michigan Event Partners:**

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