

**FS2012 Saturday Awards Ceremony**

	<b>Award</b>	<b>Awarded By</b>	<b>Prize</b>	<b>How being judged?</b>	<b>Presenter</b>	<b>Winner</b>
1	Teamwork Award	Airbus who have supported FS for 6 yrs and provide the High Speed Filming for teams to collect data on their cars. Almost 50% of last years graduate intake were FS competitors. Teamwork is integral to Airbus' global organisation.	£500	Airbus felt the winnign team were particular judged applicants on areas such as communication, team structure and oraganisation	Andy Millward, Deputy Chief Engineer, Airbus	Belgium, Car 140, Group T International University College
2	Class 1 Best Powertrain Installation of an IC Engine	Mercedes AMG High Performance Powertrains, supported FS for 3 yrs		Highly methodical approach and very well implemented powertrain installation	Paul Crofts, Head of Materials Engineering, Mercedes AMG HPP	UK, Car 3, University of Hertfordshire
3	Class 1 Best High Voltage Powertrain Implementation	Mercedes AMG High Performance Powertrains		The winning team has a well executed and complex high voltage electrical	Paul Crofts, Head of Materials Engineering, Mercedes AMG HPP	Netherlands, Car 6, Delft University of Technology

4	Measurement & Control Award (UK team)	National Instruments, involved with FS for over a decade		The winner of this award has done lots of data logging to help them develop their vehicle	Hannah Wade, Academic Field Engineer, National Instruments	UK, Car 3, University of Hertfordshire
5	Measurement & Control Award (International Team)	National Instruments		The winner of this award has a very professional approach	Hannah Wade, Academic Field Engineer, National Instruments	Germany, Car 2, TU Munich
6	Safety Award (for best crash avoidance or impact mitigation system)	Shell		Marshalls to decide	Alex Hickson, Deputy Head Design Judge for FS	Switzerland, Car 33, ETH Zurich
7	Innovation Award (for propulsion system or environmental impact)	Jaguar Land Rover, supported FS for 2 yrs and do place a high value on formula student graduates and currently have a substantial recruitment programme underway to recruit over 200 graduates this year		set themselves apart by their very targeted innovations, in many aspects of the vehicle, in particular in minimising battery size	Mike Richardson, Chief Technical Specialist for Hybrids and Electrification, JLR	Netherlands, Car 6, Delft University of Technology
8	The best use of virtual methods to achieve vehicle dynamic targets and FS event performance	Jaguar Land Rover		Good use of metrics to link every design decision to the overall event score	Tim Cotgrove, Technical Specialist for Stability Control Systems, JLR	Australia, Car 56, Monash University

9	Design Event Winner in Class 2	Institution of Mechanical Engineers	-	Highest scoring team in this category	Neill Anderson, Government Technical Advisor, National Transport Authority of Ireland	Portugal, IST TU Lisbon
10	Best Cost Analysis in Class 2	Institution of Mechanical Engineers	-	Highest scoring team in this category	Darren Cashman, Cost Estimator, Ford	UK, Brunel University
11	Best Class 1 Cost & Sustainability Analysis	Institution of Mechanical Engineers	-	Highest scoring team in this category	Richard Hale, Cost Estimator, Ford	UK, Car 17, University of Bath
12	Best Business Presentation in Class 2	Institution of Mechanical Engineers	-	Best presentation in this category	Craig Powers, Head Business Presentation Judge, Formula Student	Portugal, IST TU Lisbon
13	Best Class 1 Business Presentation	Racecar Engineering TBC	Half price driving experience for the whole team (up to 25 people)	Best presentation in this category	Sam Collins, Deputy Editor, Racecar Engineering	UK, Car 24, University of Liverpool
14	Class 2 Overall Winner	Formula Student	-	Highest scoring team overall	Richard Folkson, Chief Judge, Formula Student	Portugal, IST TU Lisbon

### FS2012 Sunday Awards Ceremony

	Award	Awarded By	Prize	How being judged?	Presenter	Winner
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1	Class 1 Design Runner-Up	MERCEDES AMG PETRONAS Formula One Team	-		Hugues 'oogs' Bretonnier, Mechanical Design Engineer for Mercedes ANG Petronas F1	UK, Car 3, University of Hertfordshire
2	Class 1 Design Winner	MERCEDES AMG PETRONAS Formula One Team	Carroll Smith Shield + Formula Student trophy to keep		Hugues Bretonnier	Netherlands, Car 6, Delft University of Technology
3	Lightweight Vehicle Award	Airbus who have supported FS for 6 yrs - almost 50% of last years graduate intake were FS competitors.	£500	Lightest car that completes the Endurance	Dave Kellet, Head of Design for Wing & Pylons	Netherlands, Car 6, Delft University of Technology
4	Engineering Excellence	Shell, involved with FS for over a decade		Top score from Static Events	Alex Hickson, Deputy Head Design Judge for FS	Australia, Car 56, Monash University
5	Most Efficient Internal Combustion Engine Car	Formula Student		Determined by mass of fuel consumed during endurance event and converted to mass of CO2. The winner was actually an E85 fuelled vehicle	Richard Folkson, Chief Judge FS	Germany, Car 74, University of Erlangen-Nuremburg
6	Most Efficient Car	Formula Student		total mass of CO2 released during the endurance event	Richard Folkson, Chief Judge FS	Netherlands, Car 6, Delft University of Technology

7	Acceleration Winner	Institution of Mechanical Engineers	-	Winning time 4.341s (wet)	Andy Ringland, Chief Event Captain	Switzerland, Car 33, ETH Zurich
8	Acceleration Run-Off	Nissan Technical Centre Europe. First year as a sponsor - thank you. Provided Nissan Leaf EV race car		4.297s	John Turton, Powertrain project Management	Switzerland, Car 33, ETH Zurich
9	Skid Pad Winner	Nissan Technical Centre Europe	-	Winning time 5.9556s (wet) pulling 0.97g laterally	Annie Stubbs, HR Section Manager NTCE	UK, Car 92, Oxford Brookes University
10	Sprint Winner	Institution of Mechanical Engineers	-	Winning time 46.298s	George Hopkins, Sprint Event Captain	Germany, Car 2, TU Munich
11	Endurance Winner	Institution of Mechanical Engineers	-	Very close less than 2 points separating 1st and 2nd	Tim McCann, endurance Event Captain	Sweden, Car 4, Chalmers University of Technology
12	Overall Dynamics Event	SAE International	\$500USD		Steve sayoritz, SAE Representative	Germany, Car 2, TU Munich
13	Top Individual Driver	Formula Student	-	Chosen by Marshals	Vikki Benn, Dynamic Event Results team	Germany, Car 23 University of Applied Sciences Amberg-Weiden. Driver: Thomas Faltermeier
14	Most Cones Collected	Dynamics Volunteers			Joe Staton Dynamic Event Results team	UK, Car 80 Warwick, Darren Skilton

15	Greatest Distance Travelled with a cone	Dynamics Volunteers			Alistair Clarke, Dynamic Event Results team	UK, Car 100, UCLAN, Scott Norvaisa
16	Best Newcomer in Class 1	Allan Staniforth Award	-	Highest scoring new team	Fiona Pawley, Formula Student Manager IMechE (IMechE FS Newcomer - applause)	Norway, Car 67, Norwegian University of Science and Technology
17	Questionnaire Feedback Prize	IMechE	2 crates of (English) beer (keep safe till 8:30)	Draw	Fiona Pawley	Germany, TU Ilmenau
18	Most Valuable Team Member Award	Craig Dawson Award			Sam Collins, Deputy Editor, Racecar Engineering	Belgium, Koen Huybrechts, Group T International University College
19	Class 1 Third Place	Formula Student	-		Andrew Deakin, Chief Development Enginer, Flybrid Systems. Vice Chairman of FS. Vice Chairamn of SAE Rules	Australia, Car 56, Monash University
20	Class 1 Runner Up	Formula Student	-		As above	Netherlands, Car 6, Delft University of Technology

21	Class 1 Overall Winner	Formula Student	£1000 + free entry to FS2013		As above	Sweden, Car 4, Chalmers University of Technology
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