



Information about Formula Student Germany 2012

- **The 7th Formula Student Germany competition** will be taking place at the Hockenheimring from July 31st to 5th August 2012.
- The competition is held in cooperation with VDI Association of German Engineers. **110 university teams** from all over the world (including Russia, Australia, Egypt, Ecuador,...) will be competing against each other at the Hockenheimring. About 2,600 students are expected to take part in the competition.
- **Two different competitions are presented: "Formula Student Combustion" and "Formula Student Electric". 78 teams** will be competing in this year's "Formula Student Combustion", i.e. the combustion engine category. **32 teams** will compete in the FSE competition.
- **Concept:** Student teams from all over the world build their own single-seat formula racing car to compete against teams from all over the world. The teams operate as medium-sized businesses presenting prototypes for possible series production.

Experience gained in engineering design, production and the commercial aspects of automotive manufacturing as well as such essential soft skills as teamwork, time management and project management will help to improve the students' prospects after graduation.

Participating in FSG also improves the students' career outlook: the event provides the opportunity of establishing valuable contacts both with the event's sponsors and with the individual teams' sponsors. In turn, sponsors are able to gain an early impression of their future engineers.

- **"Formula Student Electric"** celebrated its **world premiere in 2010**. The FSE teams competed against each other with electric vehicles they designed themselves. This means that students do not only gain experience with electric drives, but the event will also prepare them for one of the greatest challenges that the automotive industry faces, i.e. increasing independence from fossil fuels. Electric drives will impact future mobility. The commercial, technological and economical potential of electric cars for the future is undisputed.
- **Competition:** The teams compete in eight different disciplines against each other at the Hockenheimring. The static disciplines will see students "selling" their design solutions to the jury, defending budgeted production costs and presenting business plans. The dynamic disciplines will be used to assess the technical driving qualities of the prototypes. That's why it's not just the fastest car that will win the Formula Student Germany, but the team with the best overall package consisting of engineering design, racing performance, finance planning and sales arguments. The students therefore have to combine a well thought-out business and cost plan with low fuel consumption and technical innovations. The concepts will be judged by specialists from industry and business.
- The competition is supported by the **vehicle industry** – both manufacturers and suppliers: Audi, Autodesk, BASF, BMW, Bosch, Brunel, Continental, Daimler, Dekra, ETAS, Harting, IAV, Mahle, MAN Truck & Bus, MathWorks, Porsche, SKF, Tognum, VW und ZF. The Formula Student Germany serves as indicator for the automotive and supplier industries of the quality of young engineers' training and knowledge.