

Formula SAE Cost Event

Briefing for the 2010 Italian Event in Varano

Due to the high number of teams expected in Varano, we want to help the newcomers; so below there is a brief description of the cost event that will be held in Varano.

As reported in SAE rules, the scoring of the cost event is made of three parts:

- 1) each of participating schools will be ranked by total adjusted cost from the BOM,
- 2) Clarity & Event Day/Visual Inspection - The cars will be reviewed for part content, manufacturing feasibility and accuracy of the cost information. Supporting documentation will be assessed based on its quality, accuracy and thoroughness.
- 3) Event Day/Manufacturing Processes - The teams must be prepared to discuss in detail the "real case" scenario distributed prior to the competition. The materials will include more specifics about the goal and scoring of the scenario

The cost event will last about 20-30 minutes for each team; the detailed duration and scheduling will be distributed at Varano. Only cost judges and the team under "cost verification" will be allowed to stay in the box (no "visitors" from other teams will be permitted to stay in the area).

Part 2) and 3) will be the core of the cost event session.

The team can start the cost event with a general presentation of the car and the project and can have visual aids to explain the manufacturing process, tradeoffs etc. The car must be opened or can be closed if protection can be easily removed. Systems and components will be explained by the team and the correctness of the information given in the cost report will be assessed. A feedback about the quality of the cost report will be given to the team.

The real case scenario (3) subject will be published in the next weeks; it's a cost reduction (% defined) requested on 3 systems / components that the team have to do (with detailed calculation). It's not a potential cost reduction, must be a real and measurable cost saving.

The team will explain 1 real case among the three, chosen by the cost judges.

The final score of the whole cost event will be given at end of the day.

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