

2012 GSDC GUIDELINES

The Global Student Design Contest (GSDC) is an international event organized by **ISTEC** (www.istec.org), **SPEED** (www.worldspeed.org), and **IFEES** (www.ifees.org). The Contest brings students from different parts of the world together in an annual event with the following objectives:

- Stimulate the creativity and the scientific talent of engineering students.
- Build competencies in conducting research and development projects, including entrepreneurial skills.
- Motivate students to put in practice their knowledge toward the solution of practical problems.
- Facilitate knowledge exchange and networking among students of different academic institutions through sound contests in search of global integration via academic exchanges.
- Build effective partnerships between academia and industry members.
- Generate marketable products that contribute in meaningful ways to broader society.

Winning projects will be presented by students at the World Engineering Education Forum (WEEF), to be held in Buenos Aires, Argentina, Oct 15-18, 2012. For more information on WEEF 2012 visit: <http://www.weef2012.edu.ar/>

Contest Topics

Participants are allowed sufficient liberty to propose practical solutions in an innovative and creative manner. Project specifications will be outlined in the Student Challenge guidelines that are specific to each contest (published separately and available at <http://www.istec.org/2012-student-contest> GSDC organizers (ISTEC, SPEED, and IFEES) will work closely with each contest sponsor to design a challenge that is relevant and interesting to the sponsors and the students. Each contest involves a separate application process.

The contest will take place in a virtual setting where students can upload documents, pictures of posters, video clips, or PowerPoint presentations (max. 30 minutes for video presentations).

Participants

Who can participate?

The projects can be the outcome of group or individual work. The participating students must not yet have graduated from their current program of study by the project entry date. Each project will have a supervisor, a professor in the students' program of study, who will be responsible for the project's authenticity. **Faculty is excluded from the contest, excepting their supervisory role in the project.**

Individual and group presentations will be accepted (the maximum number of students that can participate in each challenge will be determined by the project sponsor, and will be outlined in the specific Student Challenge Guidelines). Entry fees, payable by corporate sponsors of the student challenge:

- \$25/entry for active members of ISTEC, IFEES, and/or SPEED
- \$50/entry for non-members

Note: entry fees will be utilized to cover contest administration and will be subsidized by the Challenge sponsors. As a valuable learning experience, students also receive feedback on their entrepreneurial work from the technical review committee and challenge sponsors.

The official language for the contest is English.

a) General guidelines

- The participating students must be students of pre-graduate degree enrolled in the participating university, AND must not have graduated from their program of study by the entry deadline date: April 1st, 2012.
- Individual or group participation is accepted.
- The same professor can be advisor of different projects, but the students may not participate in more than one project.

- The members of a group can be enrolled in different universities but the group will have only one project advisor.
- Various projects from the same university may be submitted.

b) Intellectual Property Rights

Note: Issues related to IP (intellectual property) and other current or future financial considerations will be negotiated between students and Contest Challenge sponsors directly, taking into consideration the participating universities' policies. Under ISTECS's Los Libertadores/STEED Initiative, consulting will be available to assist students/institutions and industry sponsors to negotiate matters related to IP and financial consideration. Contact Dr. Ramiro Jordán, Los Libertadores Director and ISTECS Founder, if you have questions: rjordan@istec.org

How to Apply:

Please go to http://www.worldspeed.org/index.php?option=com_rsform&formId=3

Technical Review Committee

The Technical Review Committee (TRC) will be comprised of an online review group with expertise in the projects' subject areas. Up to 2 members of the challenge sponsor's organization will participate in the TRC, and winning projects will be announced after review of poster and video presentations presented by students. Project submission instructions will be provided to all registered students before the submission deadline.

IMPORTANT DATES:

Deadline for submission of application:
April 1st, 2012

Deadline for submission of projects on-line:
August 1st, 2012

Notification of Winning Prizes:
September 15th, 2012

CONTACT INFO:

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