

# IIE Undergraduate Student Technical Paper Competition Guidelines

## Overview:

The purpose of this competition is to select students to represent Ryerson University in the Student Technical Paper Competition at the annual IIE Regional Student Conference. Winners of the IIE Regional Student Conference are eligible to compete in the Technical Paper Competition International Finals at the IIE Annual Conference.

## Eligibility:

All current IE students and recent graduates who are members of IIE are eligible for the competition. The competition is particularly suitable for students who have just completed their 4<sup>th</sup> year design project in IND 70A&B. The 4<sup>th</sup> year design project, or design projects completed in other courses, may be used with some modifications in the competition. There is a maximum of three students per team.

## Requirements:

All entrants are required to submit a technical paper. Entrants may also be required to make a brief oral presentation. Please adhere to the following guidelines:

- The paper should not exceed 20 singled-spaced pages (including appendices).
- Font should be Times New Roman, point size 11.
- Margins of 1 inch (2.5 cm) all around.
- The text should be fully justified.
- The title of the paper should appear at the top of the first page. It should be presented in bold 16 point Times New Roman font and centered. The author(s) should be listed immediately following the title in bold 12 point Times New Roman font and centered. The author listing should include names, university, city, state, postal code and country.
- The main text should be organized into sections and subsections, with an introduction and a conclusions section being advisable. A single line should separate paragraphs; no indentation should be used. Font guidelines are as follows:
  - Section headings: numbered, 12 point, bold, upper and lower case, left-justified and leave one blank line above only.
  - Section sub-headings: numbered, 11 point, bold, upper and lower case, left-justified and leave one blank line above only.
  - Regular text: 11 point Times New Roman, full justified and a single line between paragraphs.
- Tables and figures in the main text need to be as close to the point of their introduction as possible. Figure and table numbering should be independent. Figure captions should be 10 point Times New Roman, centered and placed below the figure. For figures, leave one blank line above and below. Table captions should be 10 point Times New Roman, centered and placed above the table. For tables, leave one blank line above only.
- Equations should be centered and numbered, with the number in parentheses, positioned flush to the right margin. Preferably, they should be prepared with an equation writer.

## Criteria:

The winner will be selected on the basis of the following criteria:

- Depth, significance and originality of subject matter.
- Excellence of written presentation.
- Excellence of oral presentation (if required).

**Further Information:**

The official rules for IIE's Technical Paper Competition are available at:

<http://www.iienet2.org/Details.aspx?id=863>

Further details on the Technical Paper Competition are available from the Competition Coordinator. The Competition Coordinator for 2010 is Dr. Cory Searcy. Depending on the number of entries, a judging panel may be formed consisting of other IE professors.

**Deadline:**

All submissions must be submitted to the Competition Coordinator no later than **4:00 p.m. on August 13, 2010**. Both a hardcopy and an electronic copy of the submission are required. The hardcopy should be submitted to the MIE office. The electronic copy should be emailed to [cory.searcy@ryerson.ca](mailto:cory.searcy@ryerson.ca).