



MCGILL ENGINEERING COMPETITION 2014

November 7th, 8th, 9th, & 10th
McGill University
Montreal, Quebec



Dear Prospective Sponsors,

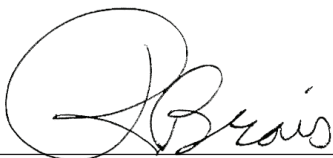
For over a decade, the McGill Engineering Competition (MEC) has acquired a reputation across the country for its outstanding ability to develop and portray the talent of engineering students. Through competitions in various design and consulting fields, participants of the conference are capable of applying their theoretical knowledge to realistic applications within the MEC and in the Quebec Engineering Competition. It is due thanks to generous sponsors and countless hours of hard work that this competition continues to allow engineering students to develop their skills. Therefore, on behalf of the McGill Engineering Competition, it is our great pleasure to invite you to sponsor us this coming November 2014.

This year's edition of the competition introduces newer, integrative methods for the participants and the judges, aiming to encourage transparency between the two parties. As a judge, you will evaluate the students participating in the competitions and will have the ability to converse with them through our planned events.

Should you have the funds to sponsor us, your sponsorship money will be used to defray the operational costs that are incurred at the MEC. As these funds are crucial to the execution of our conference, we will make it our priority to give you all the necessary advertisement showcasing your support for excellence and initiative.

We invite you to read the attached sponsorship package and chose the best alternative for your company. Thank you very much for your cooperation and we look forward to hearing back from you soon!

Sincerely,



Robert Brais, CEO



Paola Daniore, CFO



Message from the Associate Dean of Engineering


The technical information that Engineering schools provide in classrooms and laboratories is essential to earn a degree, but the hands-on design experience that our students acquire by participating in events such as the McGill Engineering Competition can be equally beneficial in nurturing creativity and skills that last a lifetime.

I am writing in my capacity as Associate Dean for Student Affairs to invite you to partner with these remarkable young men and women by supporting the McGill Engineering Competition. Doing so will give your company unique access to a passionate and talented group of students who will go on to become leaders in industry and the professions.


Maclean's magazine, one of our country's preeminent publications, ranks McGill as the top Canadian university in its class. The QS World University Rankings and the Times Higher Education World University Rankings recognize McGill as one of the top universities in the world. At 88.9%, our students have the highest average entering grades of any university in Canada, and our engineering graduates find employment in a wide range of careers across nearly every industry and discipline.

We earn these accolades in large measure through the passion and professionalism that our students apply to all of their endeavors. Nowhere is that more evident than in the activities offered by the Engineering Competitions and Design Teams. These activities would not be possible without your involvement and generous financial support, so I extend my personal thanks to all individuals and organizations whose commitment and partnership is helping to shape a bright future for our students.

Sincerely,



Mohamed Meguid, Ph.D, P.Eng
Associate Dean, Student Affairs
McGill University



MEC Categories

What is MEC?

The MEC is an interdisciplinary engineering competition that allows students of all types of engineering to test their skills in varying competitions. This year, it will feature a brand new competition just for graduate students. The goal of the competition is to foster relationships between students while providing them a setting for professional engineering practice as well as networking opportunities. The MEC occurs over one weekend and includes many different competitions, as listed below.

Senior design

This category is the cornerstone of the MEC. Teams of four are given twelve hours to develop a prototype that will meet requirements disclosed during the day of the competition. Participants will be judged on the relevance and originality of their project as well as their ability to present it to the public and the judges. This competition is open to students having completed at least 60 credits.

Junior design

The junior design competition is open to students having completed less than 60 credits. Just like the senior design competition, participants, in teams of four are asked to solve a problem in a limited amount of time using basic engineering skills. The day of the event, teams will be provided with the specific material that is to be used for their design. The team evaluation will be based on the quality of their prototype as well as the quality of their presentation.

Impromptu Debate

Two teams of two participants debate a topic that will be disclosed the day of the competition. Teams are judged on the relevance of their arguments as well as their public speaking skills and their ability to build a clear and structured reasoning.

Consulting

Participants, in teams of four are given five hours to elaborate a complete solution to an engineering related problem exposed the day of the competition. Competitors must consider social, environmental, economic, and technical aspects of the problem in their proposal and will be judged on the quality of their solution as well as their ability to clearly present it to the jury.



MEC Categories (cont.)

Innovative design

Participants table during the event and present innovative products or concepts they developed as a solution to a problem of their choice. This competition is highly technical and participants are expected to carry out a market research and feasibility studies as well as draft a business proposal for their product beforehand in order to promote their solution.

Engineering communication

In this category, competitors alone or in teams of two are required to explain a complex engineering process or product to judges. The purpose is to popularize complex, intangible and abstract concepts in order to make them understandable for technical and non-technical judges. Participants are judged on the clarity of their presentation and on their critical analysis.

Re-Engineering

Teams of two participants are asked to improve and optimize existing products so that they meet new constraints and requirements. Competitors will be evaluated on the originality of their solutions, their technical knowledge, as well as their public speaking skills.

Scientific research presentation – *Graduate Students*

For the first time this year, the MEC is proud to present the scientific research presentation category designed for Master and Ph.D. students. In this category, participants are required to present a project of their own choosing. This competition consists of a poster presentation in front of the public followed by an oral presentation in front of judges. Competitors will be evaluated on the innovation and technical feasibility of their project as well as the clarity of the presentation and their ability to speak in layman's terms. The quality of visual material will also be evaluated.



What We Offer

- ▶ Judge positions at 1 of 7 competition categories
- ▶ Exclusive attendance at *Opening Ceremony* and *Awards Dinner*
- ▶ Invitation to the *Winner's Cocktail* – invites will only be sent to the top-three student teams of each competition
- ▶ Your Company Name and Logo featured on the MEC apparel, banners, competition guide, website and social media pages
- ▶ Catalogue of CVs sorted by 1st, 2nd and 3rd place rank as well as competition category
- ▶ Sponsor's competition or networking event ("Your Company's Senior Design Competition")
- ▶ Remarks to be given at the *Opening Ceremony*, *Awards Dinner* and *Winner's Cocktail*

The MEC provides an energetic and intimate setting for you to evaluate student talent first-hand as they work to complete a challenging engineering task for you. Narrow your talent search by being a judge for 1 of the 7 specialized competition categories, and take advantage of exclusive time with the competition Medalists at the Winner's Cocktail.

The MEC will draw talented students to your organization by featuring your company logo on the MEC apparel, banners, posters, fliers, website and social media pages. Sponsor one of the MEC Competitions or Networking Events to see your company name and logo specially featured, and speak at the Opening or Awards Ceremonies to create even stronger student interest for your organization.

For sponsoring the MEC, you will receive a catalogue of CVs sorted by competition category as well as 1st, 2nd and 3rd place rank for you to easily follow-up with your first-choice candidates.

Sponsorship Levels

Level of Sponsorship	Platinum	Gold	Silver	Bronze
Cost	1000	800	500	300
Number of Judges	≤5	≤4	≤3	≤1
Attendees at Cocktail	5	4	3	1
Logo				
+ Banners				
+ Apparel				
+ Guide				
+ Website				
+ Social Media				
Feature in Competition Guide	Full Page	½ Page	¼ Page	None
Catalogue of CVs	Yes	Yes	Yes	Yes
Sponsor's Competition*	Yes	Yes	No	No
Sponsor's Networking Event*	Yes	No	No	No
Remarks at Opening Ceremony*	Yes	No	No	No
Remarks at Red Carpet Cocktail*	Yes	No	No	No

**Limited Quantity*

Contact Page

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McGill Engineering Competition (MEC) 2014



Sponsorship Application Form

Name of Company

Name of Person of Contact

Phone

E-Mail

Level of Package:

Platinum

☐

Gold

☐

Silver

☐

Bronze

☐

How many judges are you willing to send?

Which categories would you like to judge?

Special Requests or Comments