

MIAE Student Newsletter

Hey everyone. School is fast approaching so make sure to make the most of the last few weeks of summer! To help ease the pain of the upcoming semester, the Student Executive Committee has some great events coming up that we would like everyone to participate in. Be sure to check them out! Also, for those doing an internship this summer, don't forget to complete your internship report!

Bell Helicopter Tour

For the first time ever, we will be offering you the opportunity to participate on a Bell Helicopter industry tour. Founded in 1935 as Bell Aircraft Corporation, Bell continues to set the pace for the industry and expand the scope of vertical lift. Now an industry leader with unmatched name recognition, Bell Helicopter was the first to obtain certification for a commercial helicopter. Over its rich history, Bell has delivered more than 35,000 aircraft to our customers around the world.

The Bell Helicopter tour will take place on **September 27th 2013** and will last for 2 hours. During the tour members will see the plant facility at the Mirabel location.

Arrangements will be made for transportation, compliments of the MIAE student executive team. Bell Helicopter facilities are located at 12800 RUE DE L'AVENIR Mirabel QC J7J 1R4.

Please go to the link below and RSVP. Hurry up and sign up as space is limited!!

https://docs.google.com/forms/d/1iMMelJA6ZX7bbWnOEVaZY_MLNzrqmuIS68EeHHJ0J14/viewform

PLEASE NOTE THAT THE RSVP DEADLINE IS Monday September 16th 2013. More details to follow in the upcoming days.

Pratt & Whitney Canada Tour

Pratt and Whitney Canada is a world leader in the design, manufacture and service of aircraft engines, powering business, general aviation and regional aircraft, and helicopters.

The Pratt and Whitney Canada tour and networking event will take place on **November 1st 2013 and will last from 9am - 2 :30pm**. This unique event features an introductory session/lecture, a "speed" networking event with P&WC engineers and employees followed by a 1.5 hour tour of the plant. Arrangements will be made for transportation, compliments of the MIAE Student Executive team.

P&WC offices are located at 1000 Marie Victorin, Longueuil. **Space is limited so be sure to register at the link below before September 25th 2013.**

<https://docs.google.com/forms/d/1qAl1m3ANq8zsgkKj1OGCCtcAM5SVg7KUSWwasDGgAc8/viewform>

****Please understand that tour spots are given on a first come first serve basis.** Based on interest, students registered for both tours may be asked to forfeit one of the two spots to free up spaces for other students.

Design Studio Lab 50 - Construction

The work involves the renovation of an existing computer lab into a design studio/computer lab for the Faculty of Engineering. The construction will start **August 12th, 2013** and is to be completed by **October 25th, 2013**. Also, CATIA licences are now installed in room MC10!

AHS Annual Student Design Competition

The AHS/Industry Annual Student Design Competition challenges students to design a vertical lift aircraft that meets specified requirements, providing a practical exercise for engineering students at accredited colleges and universities around the world. The competition promotes student interest in vertical flight technology.

The MIAE would like to support any students who are willing to participate in this competition and encourage McGill students to form a team. This is a very reputable and distinguished event as well as a great opportunity to build your fundamental engineering skills.

For more information concerning this year's competition, please see:

<http://vtol.org/education/student-design-competition> or contact studentpresident.miae@mcgill.ca if you are interested in joining the McGill AHS design team. Limited spots available

SAE AeroTech Congress & Exhibition

Biennially, thousands of the world's top aerospace professionals gather at the SAE AeroTech Congress & Exhibition – the essential aerospace event where the aerospace community prepares for future challenges and opportunities. This exclusive event provides an invaluable opportunity for attendees to renew and **develop important business relationships** within the international aerospace industry.

Planned by the AeroTech Executive General Committee and AeroTech Technical Committee, this 2013 event will be one that is relevant, timely and future focused. Comprised of top aerospace representatives, the Committee lends their broad expertise to the development of the information-packed technical program. We invite you to join us for this important global forum.

For all interested participants, contact **MIAE to discuss the possibility of paying your registration costs to participate in this event.**

For more information concerning the event, please visit the following links below:

<http://www.sae.org/events/atc/>

<http://students.sae.org/>

Zero Robotics

Zero Robotics is a robotics programming competition where the robots are SPHERES satellites inside the International Space Station! The competition starts online, on this website, where teams compete to solve an annual challenge guided by mentors. Participants can create, edit, share, save, simulate and submit code, all from a web browser. After several phases of virtual competition, finalists are selected to compete in a live championship aboard the ISS. An astronaut will conduct the championship competition in microgravity with a live broadcast.

If interested, check out the various challenges available as well as the possibility of becoming a mentor. For more information, see the link below:

<http://www.zerorobotics.org/web/zero-robotics/home-public>

MIAE Survey

In order for the Student Executive Committee to provide the best year possible for its MIAE members, we would appreciate it if you can take a moment to fill out this very short survey. This will help us get a better idea of what you our student body would like in terms of the social and networking events, industry tours, etc. To get to the survey, just click on the link below:

<http://www.surveymonkey.com/s/2HSTPW2>

We look forward to hearing what you have to say and promise to do our best to make next year the best it can be.

Internship/Research Photos

For those who are doing internships or research projects, you can submit photos to Linda Chernabrow. We are always interested to hear and see what are amazing students are up to during the summer and look forward to what you submit. Submit photos to linda.chernabrow@mcgill.ca

Registration

Know any friends interested in aerospace? If so, they can now apply to join the MIAE and participate in various events and activities catered to those passionate about Aerospace Engineering! Registration will remain open until further notice.

For more information concerning the group and the application process, please refer them to <http://www.mcgill.ca/miae/>

To keep up to date on upcoming MIAE and Aerospace Engineering events, continue following future MIAE Student Newsletters as well as visit the MIAE website. On behalf of the MIAE student executive committee, I would like to wish everyone a great rest of the summer! Enjoy the break and we hope to see you all in September.

Fabio Gatti
Student President
McGill Institute for Aerospace Engineering