Welcome Back

Hey everyone. On behalf of the MIAE student executive committee, I would like to welcome everyone back this semester. We hope you all had a great break and are excited for the upcoming semester.

MIAE Annual General Meeting

Interim Dean of Engineering, Dr. Andrew Kirk, and Professor Stephen Yue, Director of the McGill Institute for Aerospace Engineering (MIAE) cordially invite you to attend the MIAE Annual General Meeting being held:

**Date:** Thursday, January 31, 2013
**Time:** 4:30-8:00 pm
**Location:** McGill Faculty Club, Ballroom

The meeting will overview the MIAE’s activities in 2012, future directions, and there will be a guest speaker presentation by Mr. Peter G. Smith, Vice President Engineering, UTC Aerospace Systems in Windsor Locks, CT.

Please email Linda Chernabrow to RSVP before January 14th.

CSA/NRC Tour

On January 25, we will be visiting the David Florida Lab (DFL) at the Canadian Space Agency and the Aerospace Structures and Materials Performance Lab (SMPL) at the National Research Council (NRC). There is also the possibility of visiting the wind tunnel testing facilities at the NRC. However, this tour will be only be 30 minutes. We are looking into further presentations at the wind tunnel.

Information about the labs can be found here:

SMPL: http://beta.globalspec.com/supplier/about/AerospaceStructuresMaterialsLaboratoryNRCIARSMPL

Tentative details:

**Meeting time:** 7am, Jan 25, 2013
**Return time:** 8pm, Jan 25, 2013
**Meeting place:** McGill, exact location, to be determined
**Food items:** You must provide your own lunch. We will have supper in Ottawa before returning to Montreal.
REGISTRATION:

You must e-mail Alex at studentpresident.miae@mcgill.ca before 6:00 pm on Jan 10, 2013. Please indicate your preference of Aerospace Structures and Materials Performance Lab or the wind tunnel testing facilities. Place is limited!

If you would like to visit the wind tunnels, register before 6:00 pm on Jan 10, 2013, and you must provide the following information:

- Surname
- Given name
- Date of birth
- Place of birth
- Current citizenship
- Passport number
- Telephone
- if you are a MIAE member or Flying club member (due to limited space MIAE members will get priority)

In any case (for any tour), if you are NOT a Canadian citizen, you must also attach a scanned copy of the photo page of your passport.

For any inquiries or details, contact: studentpresident.miae@mcgill.ca

CATIA Training

CATIA is coming to McGill! After a lot of work and even more discussion, the industry standard CAD software CATIA will be coming to McGill. The expected time of arrival is mid-January. In addition, we are also in the process of setting up CATIA tutorials, given by industry, to prepare you for eventual internships.

At the beginning of next semester, we will be doing a tutorial trial run, with courses given in the evenings. This will be limited to 10 students, and a selection will be based on if you plan on completing an internship and on seniority. Linda Chernabrow will be sending out an announcement in mid-January about available training dates and information about how to sign up for courses.

Engineers-in-Action

The McGill Engineering Student Centre and MIAE will be co-hosting this year Engineers-in-Action Speaker Event. As part of the event, we have invited Taryn Tomlinson (see bio below) from the Canadian Space Agency to speak on Thursday, January 24th 2012 at 5:30 pm (FDA 5).

Taryn Tomlinson, BEng’98, is a Robotic Systems Engineer at the Canadian Space Agency. She has dedicated her career to developing systems and technology for the pursuit of space knowledge and exploration, and has worked on many high-profile projects including the International Space Station and one of its newer additions, Dextre the Canadian space robot, and co-founded a Canadian research and design company based on control center voice technology. An expert in new frontiers, Tomlinson is keenly aware of the power of engineering and design to expand humanity’s knowledge and reach.
American Helicopter Society Collaboration

Each year, the American Helicopter Society International (AHS) awards scholarships (known as the Vertical Flight Foundation Scholarship—VFF) to students who demonstrate an interest in pursuing engineering careers in the vertical flight industry. The scholarships are merit based, and awarded to undergraduates, Masters, and PhD students.

If you're interested in learning more about it, please refer to Linda Chernabrow's email for the attached application guidelines and form. **Students do not need to be members of AHS** to apply for this scholarship.

The **deadline for applying is February 1, 2013**.

Student Aerospace Forum (SAF/FEA) 2013

The 2013 Student Aerospace Forum will be hosted by University of Sherbrooke on April 4th and 5th 2013. We will continue to update you on the event as the details come in.

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 official MIAE website http://www.mcgill.ca/miae/ which will be updated regularly.

Good luck on the upcoming semester!

Fabio Gatti
VP Communications
McGill Institute for Aerospace Engineering