

SUMMER 2016

CONCORDIA WELCOMES YOU TO **MONTREAL**,
CANADA'S AEROSPACE CAPITAL



CONCORDIA UNIVERSITY AEROSPACE SUMMER SCHOOL 2016: EFFICIENT AIRCRAFT SYSTEMS

Montreal is Canada's aerospace capital and the 3rd largest aerospace centre in the world. Concordia University's Faculty of Engineering and Computer Science welcomes you to Montreal to attend the first Concordia University Aerospace Summer School, an opportunity for graduate students and industry professionals to advance their skills, network with colleagues and visit industry partners. In this four-day program, participants will attend a set of sessions focusing on the analysis and design of aerospace systems. The four days of activities will include a day each on the following themes:

- **Monday: Aircraft design and multidisciplinary optimization.**
Invited speakers: Prof. Juan Alonso, Department of Aeronautics and Astronautics, Stanford University
Mr. Pat Piperni and Mr. Stéphane Dufresne, Bombardier Aerospace
Industry visit (to be determined)
- **Tuesday: Guidance, control and navigation of drones and autonomous robot motion planning.**
Invited speakers: Prof. Jonathan How, Department of Aeronautics and Astronautics, MIT,
Prof. Marco Pavone, Department of Aeronautics and Astronautics, Stanford University,
Prof. Antonios Tsourdos, Institute for Aerospace Sciences, Cranfield University
- **Wednesday: Flight management systems**
Invited speaker: Captain Marcel Martineau, President, Total Fuel Management, TFM Inc
- **Thursday: Design certification.**
Invited speakers: Mr. Phil Cole and Mr. Sam Grainger, Marinvent Corporation

Participants will be offered a tour and demonstration of the Marinvent flight simulator at Concordia. Participants who successfully complete the program will be granted a certificate attesting to the successful completion of the Concordia University Aerospace Summer School.

This program has been developed in collaboration with the Concordia University Centre for Continuing Education, the Faculty of Engineering and Computer Science, and the Concordia Institute of Aerospace Design and Innovation (CIADI).



**FACULTY OF ENGINEERING
AND COMPUTER SCIENCE**

Concordia Institute of
Aerospace Design and Innovation

**CENTRE FOR
CONTINUING EDUCATION**

**EXPERIENCE
SUMMER IN
MONTREAL!**



**Montreal
International
Jazz Festival**

June 29 – July 9

montrealjazzfest.com

CONCORDIA UNIVERSITY AEROSPACE SUMMER PROGRAM

Schedule: Monday June 27 –Thursday June 30 2016, 9:00–17:00

Admission: The Aerospace Summer Program welcomes industry professionals, graduate students and prospective graduate students. Participants should have a relevant degree in engineering (e.g. aerospace, mechanical, electrical), or professional experience in the aerospace industry.

For more information, please visit

www.concordia.ca/encs/students/course-schedules/summer-2015-2016.html

Program Fees:

Summer School program: \$1 495 plus tax

Reduced rate for graduate students: \$750 plus tax

One-day registration: \$500 plus tax

Reduced rate for graduate students: \$250 plus tax

Payment can be made by debit card, MasterCard, Visa, American Express, certified cheque, or money order.

Location: The program will be offered in the Engineering, Computer Science and Visual Arts Integrated Complex, at 1515 Ste. Catherine West in beautiful downtown Montreal.

Housing and Meals:

Optional housing and meal plans are available in the Grey Nuns Residence, steps away from the Engineering, Computer Science and Visual Arts Integrated Complex.

concordia.ca/campus-life/residences/admissions/benefits/grey-nun.html

Accommodation in Grey Nuns Residence: 7 nights \$350 plus tax

(Arrival June 25, check-out July 1)

Meal plan in Grey Nuns Residence: \$350 plus tax for the duration of the program

PROGRAM PARTNERS

CIADI

The Concordia Institute of Aerospace Design and Innovation (CIADI) promotes awareness and provides leading edge know-how among engineering students engaged in aerospace design and innovation. **concordia.ca/encs/aerospace**

FACULTY OF ENGINEERING AEROSPACE PROGRAMS

The Concordia University Faculty of Engineering and Computer Science provides high-quality and comprehensive undergraduate and graduate programs, promotes high-calibre research and contributes to the development of the engineering and computer science professions in an ethical and socially responsible manner.

concordia.ca/academics/graduate/aerospace-engineering-meng

CONCORDIA UNIVERSITY CENTRE FOR CONTINUING EDUCATION

The Concordia University Centre for Continuing Education collaborates with University, local and international partners to offer tailored programs and customized educational opportunities in a wide range of disciplines. The Centre is located in the heart of downtown Montreal within one block of all major bus and metro (subway) lines.

cce.concordia.ca

Register today: **cce.concordia.ca/registration**

Contact us: **cce@concordia.ca**

Telephone: **514-848-3600**