

Compétition canadienne d'ingénierie  
Canadian Engineering Competition  
March 3-6, 2016  
McGill University  
2016

Guide des délégués  
**Delegate Guide**

# Bienvenue! WELCOME!



BRITISH COLUMBIA  
INSTITUTE OF TECHNOLOGY



Le génie pour l'industrie



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## Médias sociaux - Social Media





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# INFORMATION IMPORTANTE

# IMPORTANT INFORMATION

## Adresses – Addresses

### Hôtel – Hotel Bonaventure

900 de la Gauchetière O.  
Montréal, QC  
H5A 1E4

### Université McGill University

845 Sherbrooke O.  
Montréal, QC  
H3A 0G4

## Numéros de téléphone – Phone Numbers

### Numéro d'urgence - Hotline

Prashanth Selvakumar.....(514) 974-1817  
Shefali Verma.....(514) 967-5544

### Securité du campus – Campus Security

(514)-398-3000

### Taxis - Taxi

Champlain Taxi.....(514) 273-2435  
Taxi Diamond .....(514) 273-6331  
Taxi Co-op.....(514) 725-9885

## Code vestimentaire – Dress Code

### T-shirt

Rouge – Red.....Bénévoles – Volunteers  
Vert – Green.....Juges – Judges  
Mauve - Purple.....Observateurs - Observers  
Bleu – Blue.....Compétiteurs – Competitors

### Jeudi – Thursday

**Cocktail de bienvenue - Opening Cocktail**  
Tenue de ville – Business Casual

### Vendredi – Friday

**Temps de conception – Design Time**  
Décontracté – Casual

**Présentations – Presentations**  
Formel – Business Formal

**Souper – Dinner**  
Décontracté – Casual

### Samedi – Saturday

**Présentations – Presentations**  
Formel – Business Formal

**Banquet final – Final Banquet**  
Formel – Business Formal

### Dimanche – Sunday

### Départ - Departures

## Formulaire de déclaration d'incident de Conférences de la FCEG -CFES Conference Incident Reporting Form

Formulaire - Form link : [bit.ly/1Q1ngsj](http://bit.ly/1Q1ngsj)

SVP utiliser ce formulaire pour signaler tout incident non-urgent au comité organisateur de la CCI. Le comité répondra à l'incident dans un délai de quatre (4) heures si le formulaire est reçu entre 8h00 et 20h00, ou avant midi le lendemain si le formulaire est reçu hors de ces heures.

Please use the following form to report any non-emergency incidents that need to be brought to the attention of the CEC organizing committee. The organizing committee will respond to the incident within four (4) hours if the form is received between 8AM and 8PM, or before noon of the following day if the form is received outside that time.

# MESSAGE DE BIENVENUE

# WELCOME MESSAGE

## Président de la CCI - Chair of CEC

Chers délégués, juges, et observateurs,

Au nom du comité organisateur, j'aimerais vous souhaiter la bienvenue à la CCI 2016.

À nos délégués, un grand bravo pour votre succès dans les compétitions régionales! Vous avez démontré que vous avez ce qu'il faut afin de développer du travail de qualité et de ressortir parmi vos pairs. Pour cela, je vous félicite d'avoir mérité votre place à la compétition nationale. Vous avez démontré vos talents, mais maintenant nous allons voir jusqu'où vous vous rendez. Nous avons conçu des compétitions extrêmement difficiles, et vos compétiteurs seront mieux que jamais auparavant.

À nos commanditaires, j'aimerais vous remercier pour votre support et votre foi en la CCI, étant une des principales compétitions de génie au Canada. Sans votre générosité continue, la CCI ne serait pas possible. Je sais que c'est un point saillant de l'année des délégués, et j'espère que vous en ressortirez autant que nous!

Finalement, j'aimerais vous souhaiter la bienvenue à la ville vibrante qu'est Montréal. Notre comité organisateur a mis beaucoup d'effort afin d'assurer que votre expérience soit la meilleure possible. Nous espérons que ce sera mémorable et que vous vous sentirez enrichis.

Félicitations encore, et bonne chance!

Dean Di Giorgio  
Président – CCI 2016

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Dear Delegates, Judges and Observers,

On behalf of the organizing committee, I would like to welcome you to CEC 2016.

To the delegates, well done on your recent success in your regional competition! You have shown that you have what it takes to develop quality work and stand out amongst your peers. For that, I would like to congratulate you on earning your spot at this year's national engineering competition. You have shown that you have talent, but now it is time to see how far you can go. We have designed the competitions to be extremely challenging, and your competition will be greater than ever.

To the sponsors, I would like to thank you for your support and faith in CEC to be one of the premier engineering tournaments in Canada. Without your continuous generosity, CEC would not be possible. I know that this will be a highlight to any delegate's year, and I hope that you get as much out of it as we do!

Finally, we would like to welcome you to the vibrant city of Montreal. Our organizing committee has put great effort into ensuring that you get the best experience possible. We hope that you have a memorable and enriching experiences that stay with you throughout your lives.

Congratulations again, and good luck!

Dean Di Giorgio  
Chair - CEC 2016

# COMITÉ ORGANISATEUR ORGANIZING COMMITTEE



**Dean Di Giorgio**  
Président  
**Chair**



**Prashanth Selvakumar**  
**VP Communications**



**Jeffrey Kirman**  
**VP Competitions**



**Mélanie LaRoche-Boisvert**  
VP Externe  
**VP External**



**Ian Richardson**  
**VP Finance**



**Matthew Fong**  
**VP Operations**



**Mitch Dumont**  
VP Commanditaires  
**VP Sponsorship**



**Shefali Verma**  
Adjoint des opérations  
**Associate Operations**

## COMITÉ ORGANISATEUR

# ORGANIZING COMMITTEE

Directeurs de compétitions

## Competition Directors

Conception sénior  
**Senior Design**

Jordan Litwin  
Ali Lashari

Conception junior  
**Junior Design**

Canon Chun Wah

Génie-conseil  
**Consulting**

Jiamin (Leila) Ren  
Rabih Choueiry

Réingénierie  
**Reengineering**

Saki Kajita

Design innovateur  
**Innovative Design**

Dzuy-Tam Tran

Communications scientifiques  
**Engineering Communications**

Anne-Catherine Tremblay

Débats oratoires  
**Extemporaneous Debates**

Alexandra Foty

Équipe de commandite  
**Sponsorship Team**

Oyku Cildir  
Benjamin Burelle-Tremblay  
Jason Rutman

Conseillers  
**Consultants**

Jean-Louis Shi  
Bryan Gingras  
Marc-Olivier Granger  
Calum Mascarenhas  
Jacob Adessky

Administrateur du site  
**Webmaster**

Bernie Kaminski

# COMPÉTITION CANADIENNE D'INGÉNIERIE

## CANADIAN ENGINEERING COMPETITION

La Compétition canadienne d'ingénierie rassemble les meilleurs étudiants de génie des universités canadiennes. Chaque année, des centaines d'étudiants compétitionnent au niveau scolaire et ensuite au niveau régional afin de mériter une place à la compétition canadienne. Ceci assure que les compétiteurs de la CCI sont de la plus haute gamme et que l'événement sera intense. Sept événements prennent lieu à la CCI : Conception séniore, Conception junior, Design innovateur, Génie-conseil, Réingénierie, Communications scientifiques, et Débats oratoires. Tous sont conçus afin d'éprouver les habiletés techniques et non-techniques des étudiants.

Le thème de cette année, un phare dans l'obscurité, a été choisi afin de souligner l'habileté des ingénieurs à surmonter les défis des situations les plus difficiles. Le travail d'équipe est un composant clé de ce thème, et sera la clé de la réussite dans cette compétition.

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The Canadian Engineering Competition brings together the best engineering students from universities across the country. Every year, hundreds of students compete at the school level and then at the regional level in order to earn a place at the Canadian competition. This ensures that CEC competitors are of the highest quality and that the competition will be intense. Seven events take place at the CEC: Senior Design, Junior Design, Innovative Design, Consulting, Reengineering, Engineering Communications, and Extemporaneous Debates. Each is conceived to test the technical and non-technical skills of the students.

The theme this year, a beacon in the dark, was chosen to highlight engineers' ability to overcome the challenges present in the direst of situations. Team work is a key component of this theme, and will be the key to success during the competition.



# SALON DE L'EMPLOI CAREER FAIR

Le salon de l'emploi est une exposition des entreprises commanditaires de la CCI 2016. Elle aura lieu samedi le 5 mars dans la salle Fontaine B de 10h00 à 16h00. Tous les participants, bénévoles, juges, et observateurs sont encouragés d'y passer pendant leur temps libre.

The career fair is an exposition of the sponsor companies of the 2016 CEC. It will take place on Saturday, March 5th, in Fontaine B from 10:00 a.m. to 4:00 p.m. All participants, volunteers, judges, and observers are encouraged to stop by during their free time.



The road  
to a P.ENG.\*  
begins with the  
right education.

Engineers Canada, through the Canadian Engineering Accreditation Board, accredits undergraduate engineering programs at Canadian post-secondary institutions.



[engineerscanada.ca/accreditation](http://engineerscanada.ca/accreditation)

\*P.ENG. is an official mark owned by Engineers Canada.

# PRIX PETRI - PETRI AWARD

Le docteur W. R. Petri était un professeur de génie civil à l'université de Waterloo de 1977 à 1994. De plus, il était le propriétaire d'une société d'ingénieurs-conseils et était responsable de plusieurs conceptions innovatrices, particulièrement dans le secteur de l'aluminium et des structures légères.

Dans son testament, le docteur a laissé des fonds dans le but d'établir une compétition de conception afin « d'encourager et récompenser les jeunes ingénieurs et d'attirer l'attention de l'industrie vers le talent de génie qui se trouve dans les universités canadiennes ».

La fondation Sandford Fleming gère ce fonds et décerne le prix Petri pendant la Compétition canadienne d'ingénierie à une équipe ou personne que le/la juge croit démontrer des compétences supérieures en conception. L'équipe ou la personne gagnante doit démontrer de l'innovation, l'attention aux détails, et des compétences techniques exceptionnelles.

W. R. (Peter) Petri served as an Adjunct Professor in Civil Engineering at the University of Waterloo from 1977 to 1994. He owned his own structural consulting practice and was responsible for many outstanding and innovative designs especially in the area of lightweight structures and in the use of aluminum.

In his will, Dr. Petri left funds for the establishment of an engineering design competition to encourage and reward young engineering designers and to draw the attention of industry to the engineering design talent in Canadian universities. SFF administers the award and has arranged for the Canadian Engineering Competition (CEC) to include the Petri Award as part of its annual competition.

The Sandford Fleming Foundation is a charitable organization, associated with the Faculty of Engineering at the University of Waterloo, with one major objective - to foster and create enriched academic learning experiences for engineering students at the University of Waterloo and across Canada by offering program activities and awards that enhance and celebrate excellence in engineering education. The SFF has been a long-time supporter of the Canadian Engineering Competition, and administers the W.R. Petri Award as part of the competition each year.

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# CONCEPTION SÉNIORE

# SENIOR DESIGN

Des équipes de quatre étudiants sont donné un problème de design complexe. Les équipes ont typiquement huit heures, immédiatement après avoir été présenté le problème, afin de développer un prototype qui présente une solution. Les équipes mettent ensuite leurs prototypes à l'épreuve en les démontrant au public et aux juges. Cette compétition est habituellement réservée à ceux dans leur troisième ou quatrième année.

Teams of four students are given a complex design problem. Teams are typically given eight hours immediately after the problem is revealed and are required to design and realize a prototype, as well as prepare a presentation on their solution. The teams will then put their prototypes to the test by demonstrating them in action in a public setting in front of a panel of judges. Typically, this competition is reserved for those in the later years of their degree.

## **University of New Brunswick**

Andreas Marquis  
Adam Prosser  
Mitchael Dionne  
Alex DiTommaso

## **University of Waterloo**

Kenneth Geertsema  
Wesley Fisher  
Daniel Lizewski  
Eric Shi

## **Université Laval**

Maxime Coulombe  
Alexandre Emery  
Jessy Mathault  
Dominic Otis

## **Simon Fraser University**

Gordon Ho  
Julian Lo  
Zhiyuan (Tony) Tan  
Simon Zhong

## **Dalhousie University**

Ben Feltmate  
Madeline Baldissera  
Jared Mills  
Rhonda Thompson

## **Laurentian University**

Aidan Simpson  
Matthew Bennison  
Stephane Labine  
Colin Roos

## **École Polytechnique de Montréal**

Jérémie Lavoie-Doyon  
Pierrick Arsenault  
Olivier Gareau  
Neal Granal

## **University of Victoria**

Francis Charbonneau  
Jordan Vlieg  
Michael Funk  
Ty Wilkinson

# HORAIRE

# SCHEDULE

Jeudi - Thursday	Vendredi - Friday	Samedi - Saturday		Dimanche - Sunday
	Conception séniore - Senior Design	Conception séniore - Senior Design	Foire au carrières - Career Fair	
6:00		Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-8:00)	Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-8:00)	
6:30				
7:00				
7:30				
8:00	Briefing*			
8:30				
9:00				
9:30				
10:00				
10:30				
11:00				
11:30				
12:00				
12:30				
13:00	Compétition - Competition Fontaine AB (8:30-18:30)	Présentations - Presentations Fontaine G (8:00-12:00)	Temps libre - Free Time (12:00-15:40)	Ouvert - Open Fontaine B (10:00-16:00)
13:30				
14:00				
14:30				
15:00				
15:30	Inscription - Registration Vestiaire - Coat Check (15:00-19:30)			
16:00				
16:30				
17:00				
17:30				
18:00				
18:30				
19:00	Cocktail Salon Bonaventure (19:00-21:00)	Temps libre - Free Time (18:30-20:00)	Temps libre - Free Time (18:20-19:30)	
19:30				
20:00				
20:30				
21:00				
21:30				
22:00				
22:30				
23:00				
23:30				

\*Le briefing aura lieu dans Fontaine G./The briefing will take place in Fontaine G.

# HORAIRE

# SCHEDULE

Jeudi - Thursday	Vendredi - Friday	Samedi - Saturday		Dimanche - Sunday
	Conception junior - Junior Design	Conception junior - Junior Design	Foire au carrières - Career Fair	
6:00		Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-8:00)	Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-8:00)	
6:30				
7:00				
7:30				
8:00		Temps libre - Free Time		
8:30		Briefing*		
9:00				
9:30				
10:00				
10:30				
11:00				
11:30				
12:00				
12:30				
13:00				
13:30				
14:00				
14:30				
15:00	Inscription - Registration Vestiaire - Coat Check (15:00-19:30)			
15:30				
16:00				
16:30				
17:00				
17:30				
18:00		Temps libre - Free Time (17:00-20:00)		
18:30				
19:00	Cocktail Salon Bonaventure (19:00-21:00)			
19:30				
20:00				
20:30				
21:00		Souper - Dinner Trois Brasseurs (1356 St-Catherine O) (20:00-22:00)		
21:30				
22:00		Événement de soirée - Evening Event Bar Gert's - Gert's Bar (22:00-24:00)		
22:30				
23:00			Événement de soirée - Evening Event (23:00-24:00)	
23:30				

\*Le briefing aura lieu dans Fontaine G./The briefing will take place in Fontaine G.

# CONCEPTION JUNIOR

# JUNIOR DESIGN

Des équipes de quatre étudiants sont donné un défi en design. La difficulté de celui-ci est moindre que son homologue, la conception séniore. Huit heures après avoir été présenté le problème, les équipes doivent présenter leurs solutions au public et les juges. Cette compétition est habituellement réservée pour ceux dans leur première ou deuxième année.

Teams of four students are given a design challenge. This challenge is at a lower difficulty level than its counterpart, senior design. In less than eight hours after the challenge has been revealed, teams must have a design and prototype completed as well as a presentation prepared. The teams will then put their prototypes to the test by demonstrating them in action in a public setting in front of a panel of judges. Typically, this competition is reserved for those in the earlier years of their degree.

## **University of New Brunswick**

Daniel He  
Alexander Brown  
Robert McGibbon  
Benjamin Slaney

## **University of Waterloo**

Colin Cooke  
Jackson Fisher  
Michael Jonas  
Mitchell Catoen

## **Université Laval**

Dominic Fillion  
Charles Gauvin  
Francis Quevillon  
Alexandre Winter

## **British Columbia Institute of Technology**

Kevin Torio  
Saf Dewji  
Artem Gridnev  
Justin Cheng

## **Saint Mary's University**

Annika Benson  
Jenny Huynh  
Josh Armsworthy  
Nicholas Naugle

## **Ryerson University**

Shawn Scurfield  
Ramganesh Ragupathy  
Michael Foppiano  
Trent Rand

## **École de technologie supérieure**

Rémi Proulx  
Alexi Demers  
Camill L'Italien Gagnon  
Antoine Levasseur

## **Univeristy of British Columbia**

Allan Ng  
Connor McFadyen  
Andrew Dworschak  
Jenny Yang

# DESIGN INNOVATEUR INNOVATIVE DESIGN

Une équipe d'étudiants présente leur design ou produit innovateur aux juges. Ces projets doivent être préparés avant la compétition et peuvent inclure plusieurs types de génie. Les juges baseront leurs évaluations sur la valeur technique, la fonctionnalité, et le potentiel de commercialisation du projet. De plus, il y aura une exposition afin que les étudiants puissent démontrer leur travail au public.

Teams of up to four students present their innovative design or product idea to a panel of judges. These designs are to be prepared before the competition and can involve any discipline of engineering. Judges will base their evaluations of the designs on technical value, functionality, and marketability. Additionally, the designs will be displayed in an exposition area open to all competition attendees.

## **University of New Brunswick**

Sam Guitard  
Keith Mackin

## **University of Waterloo A**

Stuart Alldritt  
Ryan Gibson  
Austin Cousineau  
Ian Murray

## **Université de Sherbrooke**

Louis Pelletier  
Félix-Antoine LeBel  
Pierre-Geoffrey Boucher  
Jérémi Pelletier

## **University of Saskatchewan**

Michael Konieczny

## **Dalhousie University**

Hannah Klug  
Prasanna Balakrishnan

## **University of Waterloo B**

Laura Bahlmann  
Eric Beauregard  
Stuart Murray  
Wenbo Cui

## **École Polytechnique de Montréal**

Mireille Larouche-Guilbert  
Maxime Gervais  
Hassen Abid  
Julien Monette

## **British Columbia Institute of Technology**

Corby Petersen  
Jonathan Elrick  
Dylan Sawatzky  
Zach Willson

# HORAIRE

# SCHEDULE

Jeudi - Thursday	Vendredi - Friday	Samedi - Saturday		Dimanche - Sunday
	Design innovateur - Innovative Design	Design innovateur - Innovative Design	Foire au carrières - Career Fair	
6:00				
6:30	Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-8:00)		Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-8:00)	
7:00				
7:30				
8:00		Temps libre - Free Time		
8:30		Briefing*		
9:00		Installation - Setup (9:00-10:00)		
9:30				
10:00				
10:30				
11:00				
11:30				
12:00				
12:30				
13:00	Temps libre - Free Time (8:00-18:30)	Ouvert - Open Fontaine A (10:00-16:00)	Ouvert - Open Fontaine B (10:00-16:00)	
13:30				
14:00				
14:30				
15:00	Inscription - Registration Vestiaire - Coat Check (15:00-19:30)	Démolition - Tear down (16:00-17:00)		
15:30		Temps libre - Free Time (17:00-19:30)		
16:00				
16:30				
17:00				
17:30				
18:00				
18:30	Souper - Dinner Trois Brasseurs (1356 St-Catherine O) (18:30-20:00)			
19:00	Cocktail Salon Bonaventure (19:00-21:00)			
19:30				
20:00				
20:30	Temps libre - Free Time (20:00-22:00)	Banquet et remise de prix - Banquet and Awards Ceremony Salle de banquet - Banquet Hall (19:30-23:00)		
21:00				
21:30				
22:00	Événement de soirée - Evening Event Bar Gert's - Gert's Bar (22:00-24:00)	Événement de soirée - Evening Event (23:00-24:00)		
22:30				
23:00				
23:30				

\*Le briefing aura lieu dans Fontaine B./The briefing will take place in Fontaine B.

# HORAIRE

# SCHEDULE

Jeudi - Thursday	Vendredi - Friday	Samedi - Saturday		Dimanche - Sunday
	Génie-conseil - Consulting	Génie-conseil - Consulting	Foire au carrières - Career Fair	
6:00		Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-8:00)	Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-8:00)	
6:30				
7:00				
7:30				
8:00		Temps libre - Free Time		
8:30	Briefing*			
9:00				
9:30				
10:00				
10:30				
11:00				
11:30				
12:00				
12:30		Compétition - Competition Chambres - Rooms (9:00-17:00)		
13:00				
13:30				
14:00				
14:30				
15:00				
15:30	Inscription - Registration Vestiaire - Coat Check (15:00-19:30)			
16:00				
16:30				
17:00				
17:30				
18:00		Temps libre - Free Time (17:00-20:00)		
18:30				
19:00	Cocktail Salon Bonaventure (19:00-21:00)			
19:30				
20:00				
20:30				
21:00		Souper - Dinner Trois Brasseurs (1356 St-Catherine O) (20:00-22:00)		
21:30				
22:00				
22:30		Événement de soirée - Evening Event Bar Gert's - Gert's Bar (22:00-24:00)		
23:00				
23:30			Événement de soirée - Evening Event (23:00-24:00)	

\*Le briefing aura lieu dans Fontaine C./The briefing will take place in Fontaine C.

# GÉNIE-CONSEIL CONSULTING

Des équipes de quatre étudiants doivent trouver la meilleure solution à un problème de grande envergure. Ils doivent considérer les impacts sociaux, économiques, environnementaux, et politiques de la solution, qui sera présentée aux juges représentant des clients potentiels. De même que la solution représente une grande partie du pointage, le rapport et la présentation sont aussi très importants.

Teams of four students compete against each other to design and offer the best solution to a large-scale engineering problem. Social, economic, environmental and political aspects of the solution have to be considered in presentations to the judges, who represent potential clients. Although the solution comprises the major portion of the team's score, the report and presentation collectively are important.

## **University of New Brunswick**

Tori Hasson  
Jonathan Kummer  
Brent Woodside  
Lucas Storey

## **Western University**

Michael Harvey  
Andrew Harvey  
Benjamin Pegels  
Dustin Brown

## **Université Laval**

Alexandre Cantin  
Alexis Jalbert  
Simon Laberge  
Jean-Philippe Leclerc

## **University of British Columbia**

Daniel Wheeler  
Hanchen (Peter) Li  
Ivan Ma  
Owen Liu

## **Dalhousie University**

Scott Graham  
Liam Kettlewell  
Ryan Dunn  
Steven Collette

## **Laurentian University**

Jasmina Omri  
Frédérique Bélanger  
Tyler Provencal  
Joseph Fyfe

## **École Polytechnique de Montréal**

Pierre-Luc Miquelon  
Catherine Corriveau  
Sébastien Paradis  
Vincent Lebel

## **University of British Columbia Okanagan**

Dana Strome  
Holly Wylie  
Mariah Olsen  
Nelson Chapman

# RÉINGÉNIERIE REENGINEERING

Des équipes de deux étudiants sont donné un projet qui a besoin d'être réexaminé sous des nouvelles restrictions. Après la révélation des détails, les équipes ont huit heures afin de fabriquer le nouveau projet et de préparer une présentation. Les équipes doivent prendre en compte tous les aspects reliés, incluant la disponibilité des matériaux et les finances. L'évaluation des juges sera basée sur l'utilité, l'originalité, la plausibilité, et la négociabilité des projets.

Teams of two students are given a relevant design that is required to be reengineered under a new set of constraints. After these details are revealed, teams will have eight hours to fabricate a design and presentation. Teams are required to take into account all relevant aspects of the engineering process such as material availability, finances, and so on. A panel of judges will assess their design based on practicality, originality, feasibility, and marketability.

**University of New Brunswick**

Victor Luong  
Johanna McPhee

**University of Ottawa A**

Anna Materna  
Carol Pietka

**Université de Sherbrooke**

Louis Breton  
Samuel Rioux

**University of Saskatchewan**

Lance Pitka  
Brandon Thompson

**Memorial University of Newfoundland**

Katy Warren  
Peter Snow

**University of Ottawa B**

Amanda Defela  
Nadia Temacini

**École Polytechnique de Montréal**

Martin Gagnon-Dorval  
Olivier Gazil

**University of British Columbia Okanagan**

Jamie Kawchuk  
Stewart MacDonald

# HORAIRE

# SCHEDULE

Jeudi - Thursday	Vendredi - Friday	Samedi - Saturday		Dimanche - Sunday
	Réingénierie - Reengineering	Réingénierie - Reengineering	Foire au carrières - Career Fair	
6:00		Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-8:00)	Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-8:00)	
6:30				
7:00				
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8:00	Briefing*			
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15:00	Inscription - Registration Vestiaire - Coat Check (15:00-19:30)			
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18:30				
19:00	Cocktail Salon Bonaventure (19:00-21:00)			
19:30				
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\*Le briefing aura lieu dans Fontaine D./The briefing will take place in Fontaine D.

# HORAIRE

# SCHEDULE

Jeudi - Thursday	Vendredi - Friday	Samedi - Saturday		Dimanche - Sunday
	Communications	Communications	Foire au carrières - Career Fair	
6:00		Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-8:00)	Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-8:00)	
6:30			Briefing*	
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10:00				
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11:00				
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13:00		Temps libre - Free Time (8:00-18:30)		
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15:30	Inscription - Registration Vestiaire - Coat Check (15:00-19:30)			
16:00				
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18:30		Souper - Dinner Trois Brasseurs (1356 St-Catherine O) (18:30-20:00)		
19:00	Cocktail Salon Bonaventure (19:00-21:00)			
19:30				
20:00				
20:30		Temps libre - Free Time (20:00-22:00)		
21:00				
21:30				
22:00				
22:30		Événement de soirée - Evening Event Bar Gert's - Gert's Bar (22:00-24:00)		
23:00				
23:30			Événement de soirée - Evening Event (23:00-24:00)	

\*Le briefing aura lieu dans Fontaine D. / The briefing will take place in Fontaine D.

# COMMUNICATION SCIENTIFIQUE ENGINEERING COMMUNICATIONS

Les participants, seuls ou en équipes de deux, doivent expliquer un sujet techniquement complexe en termes plus simples afin que le public général puisse bien comprendre. Les présentations doivent toucher aux côtés social, environnemental, et politique de la situation. Les participants seront jugés sur le contenu et le style de la présentation.

Participants, either alone or in teams of two, will have to explain a complicated technical concept or issue in a way that is comprehensible to the general public. The presentations have to discuss social, economic, environmental, and political impacts. They will be judged on content and primarily presentation style.

**University of New Brunswick A**

Alexander Turner  
Garrett Keirstead

**Lakehead University**

Andreas Zailo

**Université Laval**

Mohamed Bahdine  
Vincent Hamilton

**University of British Columbia**

Armin Rezaiean-Asel  
Jeanie Malone

**University of New Brunswick B**

Zikrullah Mir

**Western University**

Mitchell Morrison  
Jacob Green

**École Polytechnique de Montréal**

Samuelle Bourgault  
Chloé Gariépy

**British Columbia Institute of Technology**

Jamie Haakons

# DÉBATS ORATOIRES EXTEMPORENEOUS DEBATES

Des équipes de deux font face-à-face dans un débat de style parlementaire. Certains règlements de la procédure parlementaire sont plutôt relaxes; le défi se trouve dans la présentation d'arguments bien-construits avec un temps de préparation minime.

Teams of two go head-to-head in a parliamentary style debate competition. Although some rules of parliamentary procedure have been relaxed, the challenge lies in presenting well-constructed and articulated arguments with minimal preparation time.

**University of New Brunswick**

Vuk Stajic  
Harold McDonald

**University of Toronto**

Stephen Xu  
Andrew Kidd

**Université Laval**

Anouk Neveu-Laflamme  
Louis Lemelin

**University of Saskatchewan**

Stefan Belev  
Surath Gomis

**St. Francis Xavier University**

Cecil Ash  
Amy Czuczman

**Queen's University**

David MacFarquhar  
Ryan Melnick

**École Polytechnique de Montréal**

Nicolas Dufresne  
Adam Samson

**University of Calgary**

Isaac Smith  
Jaimie Sokalski

# HORAIRE

# SCHEDULE

Jeudi - Thursday	Vendredi - Friday	Samedi - Saturday		Dimanche - Sunday
	Débats - Debates	Débats- Debates	Foire au carrières - Career Fair	
6:00	Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-7:30)		Déjeuner - Breakfast Salle de banquet - Banquet Hall (6:00-8:00)	
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7:00	Briefing* (7:00-8:00)			
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19:00	Cocktail Salon Bonaventure (19:00-21:00)			
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\*Le briefing des juges aura lieu de 7:00 à 7:30 et le briefing des participants aura lieu de 7:30 à 8:00, tous deux dans Fontaine E./The Judges' briefing will take place from 7:00 to 7:30 and the participants' briefing will take place from 7:30 to 8:00, both in Fontaine E.

\*\*Le débat farfelu et le débat final auront lieu dans Fontaine EF. / The Joke Debat and the Final Debate will take place in Fontaine EF.

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MDA is a global communications and information company providing operational solutions to commercial and government organizations worldwide. MDA's business is focused on markets and customers with strong repeat business potential, primarily in the Communications sector and the Surveillance and Intelligence sector. In addition, the Company conducts a significant amount of advanced technology development.

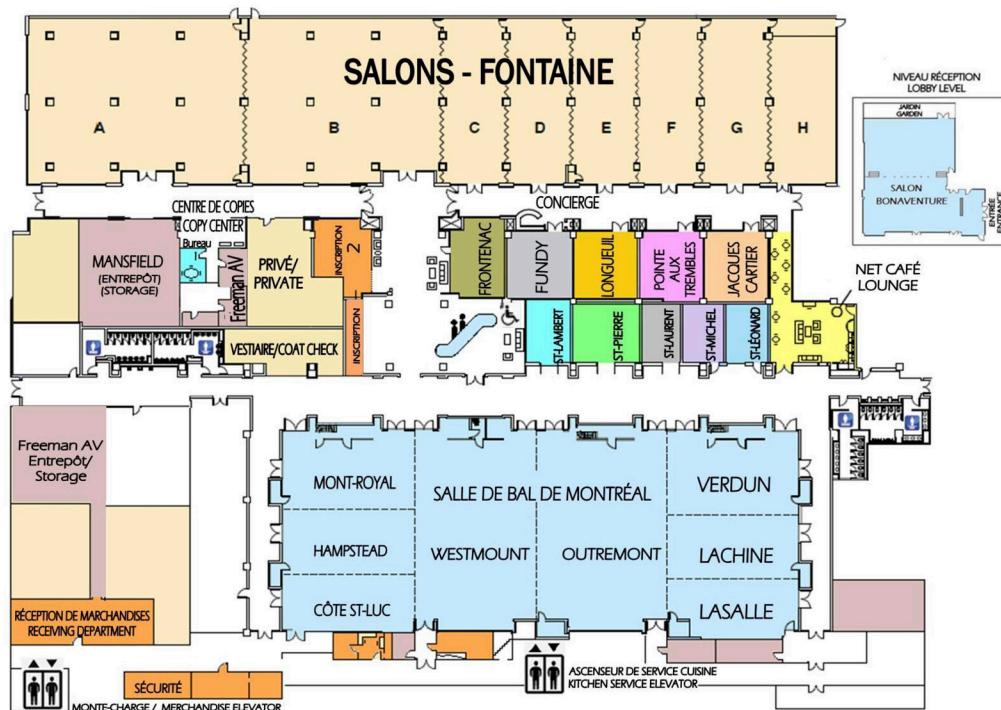
MDA is active in two principal markets:

**Communications:** MDA offers space-based solutions for cost-efficient global delivery of direct-to-home television, satellite radio, broadband internet, and mobile communications

**Surveillance and Intelligence:** MDA offers end-to-end solutions to monitor and manage changes and activities worldwide. MDA's established global customer base is served by more than 4,800 employees operating from 11 locations in the United States, Canada, and internationally.

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