

# QUEBEC ENGINEERING GAMES 2019

SHERBROOKE

REACHING NEW HEIGHTS

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JANUARY 4-8



# ENGINEERING GAMES IN NUMBERS

The Quebec Engineering Games is the largest engineering competition and the largest gathering of engineering students in the province.

During this competition, participants will have to put their academic, technical, physical and soft skills to test. In order to overcome the challenges, they will have to show great team-spirit and push themselves to their limits.

**425**

**FUTURE ENGINEERS**

**1**

**CITY**

**5**

**DAYS**

**12**

**UNIVERSITIES**

**36**

**JUDGES**

**17**

**COMPETITIONS**

# Dean's Letter

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## Faculté de génie

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Le 28 mars 2018

## Objet : 29e édition des Jeux de Génie du Québec

Madame, Monsieur,

C'est avec grand plaisir que je salue l'initiative des étudiants de la Faculté de génie de l'Université de Sherbrooke d'organiser la 29e édition des Jeux de Génie du Québec. Possédant une expérience impressionnante en organisation d'événements d'envergure, le comité organisateur 2019 concrétisera sans l'ombre d'un doute la prochaine édition des Jeux 2019 de façon mémorable et professionnelle.

À la fois excitante et formatrice, cette compétition donne la chance aux délégations provenant de l'ensemble des universités du Québec d'appliquer leur savoir-faire dans divers spectres du domaine. À travers les épreuves académiques, sportives et culturelles, ces étudiants feront appel tant à leur ingéniosité et à leurs connaissances techniques qu'à leurs talents d'orateur, de visionnaires et de gestionnaires.

J'invite les entreprises et les organisations à imiter la Faculté, en endossant la poursuite des objectifs de cet événement. Une commandite de votre part permettrait de démontrer que vous avez à cœur la formation de nos futurs ingénieurs, contribuerait à vous procurer une visibilité exceptionnelle et garantirait un placement pouvant s'avérer fort prometteur dans l'avenir.

Vous remerciant à l'avance de considérer la demande de soutien qui vous est adressée, je vous prie de recevoir, Madame, Monsieur, mes salutations distinguées.

Le doyen,



Patrik Doucet, ing., Ph. D.

# Word from The Engineering Games Committee

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To Whom it may concern,

I am proud to present the Partnership Booklet for the 29th edition of the Quebec Engineering Games. It is with great honor that the Université de Sherbrooke will host the event which will take place from January 4th to the 8th, 2019. The competition, organized by and for engineering students, has evolved over the course of 29 years. We are now facing a competition of high caliber where hundreds of students from engineering programs from all over Quebec defend their honor in academic, physical and cultural competitions having to stand out by their know-how and creativity.



This year, the committee is composed of more than twenty motivated and experienced students from several programs as well as from different universities. Our objective is to make this 29th edition memorable and eco-responsible. In this edition of the Quebec Engineering Games, the theme will be chiseled around a specific goal: "Reaching new heights". In a spirit of collaboration, future engineers will have to go beyond their limits in order to overcome the challenges presented to them and to discover new heights. It is also an opportunity for participants to create a network of contacts that will persist throughout their career.

The material, financial and logistical resources related to this event are imposing. It is thanks to the continued support of our partners and future employers that the competition has taken place for more than twenty-five years. This year, we propose a personalized and adaptable approach that can suit the needs of each partner involved. This partnership plan will give you insight into the opportunities available as part of a collaboration with our event. We invite you to contact us in order to customize the partnership plan and make the experience profitable and enjoyable for both parties. We wish to be able to count you among our partners for the 2019 Quebec Engineering Games.

Thank you for your attention and we look forward to our collaboration,

**Marc-Antoine Godin**  
Chief Organizer

# OUR 3 PILLARS

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## **INNOVATION AND CREATIVITY**

To give Quebec Engineering Games participants the opportunity to surpass themselves and make use of their creativity.

## **SOCIAL CONSCIOUSNESS**

To be affiliated with a non-profit organization located in the Estrie region to generate a positive impact on the local community.

## **SUSTAINABLE DEVELOPMENT**

To commit to making the event eco-friendly and to maximizing economic, environmental and social benefits in the region.

# **ALL IN THE SPIRIT OF THE GAMES!**



# Why become a partner ?

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## *Visibility*

- Logo
- Advertisement break ( 15 000+ views)
- Promotional material
- Kiosk at cultural evening
- Participant's guide
- Lunch presentation
- And much more!

## *Exclusivity*

### **Official partner of a competition**

- Company name associated to the competition
- Banquet speech and victors announcement

### **Judge and active participation in the design of the competition**

- Judging of a competition
- Direct contact with the participants
- Active participation during the event

## **A GREAT OPPORTUNITY ...**

To **impart** your company vision, values and objectives to **more than 500 future engineers.**

**To recruit and establish direct contact** with interns and future engineering graduates who are amongst the most talented and dynamic students of their universities.



# Partnership Grid

Accommodations and food are included for all partnership types, excluding "support".

\*Your logo will be visible on our website, our social networks, the official jersey, the official banners and during projections at the event.



		OFFICIAL 20 000\$	PLATINUM 15 000\$	DIAMOND 10 000\$	GOLD 7 500\$	SILVER 5 000\$	BRONZE 2 500\$	SUPPORT 1 000\$
EXCLUSIVITY	QUEBEC ENGINEERING GAMES' OFFICIAL PARTNER	X						
	THE MACHINE OFFICIAL PARTNER		X					
	THE MAJOR COMPETITION OFFICIAL PARTNER			X				
	ACADEMIC COMPETITION OFFICIAL PARTNER				X			
	SPEECH AT THE CLOSING BANQUET	X	X	X	X	X		
	CLOSING BANQUET REPRESENTATIVE	4	4	3	3	2	1	
ACCESS TO PARTICIPANTS	LUNCH PRESENTATION	X	X	X	X	X	X	X
	KIOSK AT CULTURAL EVENING	X	X	X	X	X	X	
	PARTICIPANTS' RESUME	X	X	X	X	X		
	JUDGE - PRACTICAL ACADEMIC COMPETITION	X	X	X	X	X		
	JUDGE - THE MAJOR COMPETITION	X	X	X	X	X		
	JUDGE - THE MACHINE COMPETITION	X	X	X	X			
VISIBILITY	LOGO *	Official	XXL	XL	L	M	S	XS
	PROMOTIONAL SPACE IN THE OFFICIAL PROGRAM	X	X	X	X	X	X	X
	PROMOTIONAL ITEM WITH PARTICIPANT'S KIT	X	X	X	X	X		
	BROADCAST OF A VIDEO - THE MACHINE	X	X	X	X			
	LOGO ON THE TROPHY OF THE SPONSORED COMPETITION	X	X	X	X			

# The competitions



The Machine

The Major

Academic  
Competitions



Sociocultural  
Competitions

Sports  
Competitions





# The Machine

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The Machine competition is **one of the most distinguished competitions** of the Quebec Engineering Games and without a doubt, the most difficult. **It is the only competition where team members work tirelessly all fall long in order to complete their design and build their prototype.**

Within a set amount of time, the machine must cross a predetermined course, while performing specific functions such as displacing object, bypassing obstacles and transforming energy.

Contestants will present the fruit of their labor to their fellow delegates and members of a jury. The jury will evaluate the performance of the machine as well as various aspects of the design. The competition is open to the public and the media.

# The Major

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This competition covers multiple engineering fields and combines them into a single challenge. Multidisciplinary teams will be assembled to compete in a high level practical challenge. Because of the more advanced concepts and skills put forward in the competition, it gathers talented students approaching graduation. This means that more advanced concepts and skills will be put on display. This presents a great opportunity for a partner to establish contact with future engineers and graduates who are among the most talented of their delegations.





# Academic Competitions

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These competitions are divided according to the six most taught engineering programs in Quebec with the addition of a consulting case competition. In teams of four to six, the participants simultaneously compete in a theoretical and a practical challenge for each field. The teams must further divide into sub-teams to face each challenge thereby developing both of these facets of their engineering degree.



**Consulting Engineering**

**Chemical Engineering**

**Civil Engineering**

**Electrical Engineering**

**Industrial Engineering**

**Computer Engineering**

**Mechanical Engineering**



# Sociocultural Competitions

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These activities allow delegates to showcase their hidden talents and to share the complementary knowledge they have acquired in addition to the skills needed in engineering. As a partner, these competitions provide great visibility among the participants since you can be an integral part of these colorful activities!



## **Budding geniuses (Trivia)**

Each delegation will select four of their participants to form a team that will play in the Quiz Bowl tournament. Questions will be answered in teams or individually. They compete by answering as quickly as possible to questions covering a wide variety of topics.

## **Improvisation**

Through this competition, teams must demonstrate imagination, responsiveness and timeliness. The competition takes place in front of an energetic audience composed once again of every delegation. This challenge tends to generate a lot of interest and emotion from the crowd making it a great opportunity for increased visibility in a more relaxed environment.



## **Cultural evening**

The cultural evening is an opportunity for delegates from all universities to get to know each other and to have a unique interaction with the partners. In fact, partners will be invited to lead an activity of their choice or that they will have developed in collaboration with the organizing committee.

## **Debates**

Participants faceoff in teams of two, quickly developing and delivering an argument according to a position and a subject that is imposed on them. This competition is an opportunity for the partner to witness the public speaking talents possessed by the competitors, an added value to their engineering background.



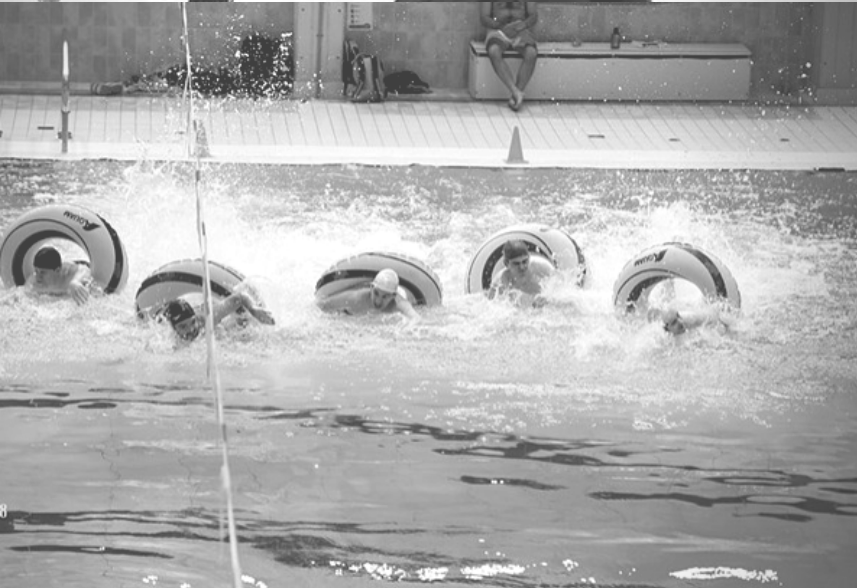




# Sports Competitions

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The sports competition day is an opportunity for the participants to stand out in a field outside engineering. These competitions play out during an entire day during which the members of each delegation will demonstrate their endurance, strength, agility and team spirit.



**1 water sport**

**1 outdoor sport**

**3 indoor sport**

# Contacts

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**UQAC**



**UQAR**



**ULaval**



**McGill**



**UdeS**



**Concordia**



**UQAT**



**ITR**



**Polytechnique**



**ÉTS**



**UQO-uOttawa**

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# Delegations

