JULY 8-18 JUILLET 2019 | MONTRÉAL, CANADA



27

IUGG General Assembly

Assemblée Générale de l'UGGI

International Union of Geodesy and Geophysics | Union Géodésique et Géophysique Internationale

IUGG Centennial | 1919-2019 | Centenaire de l'UGGI

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WELCOME

Beyond 100: The next century in Earth and Space Science

The 27th IUGG General Assembly will be held July 8-18, 2019 at the Palais des Congrès in Montréal, Québec, Canada. This is a special opportunity for participants from Canada and from around the world to come together and share their science and culture. 2019 marks the 100th anniversary of IUGG; we will look back on the accomplishments of the previous century of Earth and space science research, and forward to the next century of scientific advancement. Join us for a host of scientific activities, including special public lectures, keynote Union lectures and a wide variety of themed sessions.

During your stay, you will have the opportunity to explore the city of Montréal, widely renowned across North America and around the world for its vibrant cultural, social and culinary scene. July is a particularly good time to profit from warm weather, outdoor dining and the many festivals taking place across the city.

In conjunction with the IUGG General Assembly, a number of scientific workshops and cultural events are planned. We will also be offering the chance to explore the geological treasures of our region through a number of field trips ranging from half-day to multi-day excursions.

On behalf of the Local Organising Committee of IUGG2019, I welcome you to Montréal.

Fiona Darbyshire Chair, Local Organising Committee, IUGG2019 General questions: please contact us at: secretariatiugg2019@jpdl.com

Abstract and travel grant questions: iugg2019.abstracts@c-in.eu

The full IUGG 2019 searchable scientific program is now online

CLICK HERE

THE IUGG 2019
MOBILE APP

THE IUGG 2019 FINAL PROGRAM

THE IUGG 2019
ABSTRACTS BOOK

BIENVENUE

Sciences de la Terre et de l'espace : un siècle de progrès, un autre à bâtir

La 27e Assemblée générale de l'UGGI aura lieu du 8 au 18 juillet 2019, au Palais des Congrès de Montréal, dans la province de Québec, au Canada. Cette assemblée fournira l'occasion aux participants nationaux et internationaux de partager leur science et leur culture. Nous soulignerons le 100e anniversaire de l'UGGI, mettant en perspective la recherche liée aux sciences de la Terre et de l'espace en revoyant les réalisations du siècle dernier et en rêvant celles du prochain. Joignez-vous à nous pour plusieurs activités scientifiques incluant des présentations destinées au public, des conférenciers invités de qualité et surtout, une grande variété de sessions sur des thèmes pertinents.

Pendant votre séjour, vous aurez l'occasion d'explorer la ville de Montréal, bien connue en Amérique du Nord et au niveau mondial pour sa culture, sa société ouverte et ses talents culinaires. En juillet, vous profiterez du beau temps et des nombreux festivals qui se déroulent dans la ville.

Conjointement avec l'Assemblée générale, nous offrirons des ateliers scientifiques et évènements culturels. Vous aurez notamment l'opportunité d'explorer les trésors géologiques de notre région par des excursions sur le terrain, de durée variable allant de quelques heures à plusieurs jours.

De la part du comité organisateur local, je vous souhaite la bienvenue à Montréal.

Fiona Darbyshire Chaire, Comité organisateur local, IUGG2019

LOCAL ORGANIZATIONS



CANADIAN GEOPHYSICAL UNION (CGU) / UNION GÉOPHYSIQUE CANADIENNE (UGC)

The CGU began its life as a society dedicated to the scientific study of the solid Earth. It has since evolved to cover all aspects of the physical study of Earth and space processes. Within the CGU, five semi-autonomous sections are defined: Hydrology, Geodesy, Solid Earth, Bio geosciences and Earth Surface Processes. CGU has over 400 members and serves as a national group in the geophysical sciences.

THE IUGG 2019
PROGRAM AT A GLANCE

ONLINE PARTICIPANT REGISTRATION

MEDIA

SUBSCRIBE TO OUR IUGG 2019 NEWSLETTER!

@ Tourisme Montréal, Stéphen Poulin, Denis Labine

EVENT SCHEDULE

1-8 July 2019

· Pre-conference field trips

8 July 2019

IUGG Business meetings



CANADIAN GEOPHYSICAL UNION (CGU) / UNION GÉOPHYSIQUE CANADIENNE (UGC)

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When registering for the IUGG2019 conference, please enter the rebate code and your **membership number** to receive a rebate of \$50.00. Both are available for members through CGU website once logged in (cgu-ugc.ca member login). You can become a CGU member through membership – application. Click here



CANADIAN METEOROLOGICAL AND OCEANOGRAPHIC SOCIETY (CMOS) / SOCIÉTÉ CANADIENNE DE MÉTÉOROLOGIE ET D'OCÉANOGRAPHIE (SCMO)

CMOS exists for the advancement of meteorology and oceanography in Canada. It is a national society whose aim is to promote these sciences across Canada, and its interests include meteorology, climatology, oceanography, limnology, hydrology and cryospheric science. The Society has a history spanning over 75 years, initially serving the meteorology community then adding the oceanography component in the 1970s. CMOS comprises over 700 members, and is also a co-founder and member of CSGS.

When registering for the IUGG2019 conference, please enter the rebate code and your **membership number** to receive a rebate of \$50.00. Both are available for members through CMOS website once logged in (cmos.ca – member login). You can become a CMOS member through membership – application. Click here

EVENT SCHEDULE

1-8 July 2019

Pre-conference field trips

8 July 2019

IUGG Business meetings

9-17 July inclusive

- · Scientific sessions
- · Association and other business meetings

July 18-23 2019

· Post-conference field trips

IUGG AND ASSOCIATIONS

- International Union of Geodesy and Geophysics (<u>IUGG</u>)
- International Association of Cryospheric Sciences (IACS)
- International Association of Geodesy (IAG)
- International Association of Geomagnetism and Aeronomy (IAGA)
- International Association of Hydrological Sciences (IAHS)
- International Association of Meteorology and Atmospheric Sciences (IAMAS)
- International Association for the Physical Sciences of the Oceans (IAPSO)
- International Association of Seismology and Physics of the Earth's Interior



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IUGG CODE OF CONDUCT POLICY

IUGG opposes any discrimination or harassment based on such factors as age, citizenship, disability, ethnic origin, gender identity, language, political or other opinion, religion, or sexual orientation. The IUGG General Assembly will follow the Anti-Harassment Guidelines (http://www.iugg.org/meetings/Anti-harassment guidelines.pdf) to prevent any form of harassment or discrimination, and to ensure an inclusive atmosphere that encourages the free expression and exchange of scientific ideas and results.

All attendees of the IUGG General Assembly have a role to play in creating an inviting and harassment-free environment through their own behavior and by discouraging harassment and discrimination by others.

Behavior

- · All attendees of the IUGG General Assembly are treated with respect and consideration, valuing a diversity of views and opinions.
- IUGG creates an environment at General Assemblies to allow for the professional exchange of information.
- · Be considerate, respectful and collaborative. Communicate openly with respect for others, critiquing ideas rather than individuals.
- Avoid personal attacks directed toward other attendees, the local organizers or guests. Be mindful of your surroundings and of your fellow participants.
- · Alert the local organizers if you notice a dangerous situation or someone in distress.

Unacceptable Behavior

 Discrimination, harassment or intimidation is unacceptable and will not be tolerated. The local organizers may take any action necessary and deemed appropriate (see below) if attendees engage in unacceptable behavior including removal from the General Assembly without warning or refund.

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- Discrimination, harassment or intimidation is unacceptable and will not be tolerated. The local organizers may take any action necessary and deemed appropriate (see below) if attendees engage in unacceptable behavior including removal from the General Assembly without warning or refund.
- · Recording or taking photography of another individual's presentation without the explicit permission of the local organizers is not allowed.
- Disruption of talks at oral or poster sessions, Opening, Closing and Award ceremonies and receptions, in the exhibit hall or at other events
 organized at the General Assembly in the Palais des Congrès in Montréal or in other venues.

Reporting Unacceptable Behavior

- If you are the subject to unacceptable behavior or may have witnessed such behavior that violates professional and respectful participant
 conduct, please immediately notify the chairperson of the session if the incident has occurred during the meeting or local organizers.
- Notification can be done by contacting a local organizer on-site (e.g. at the registration desk) or you can e-mail your concern to secretariatiugg2019@jpdl.com
- All reports will remain confidential.

Actions to prevent unacceptable behavior

- If a clear case of verbal discrimination, harassment or intimidation during a scientific session is established to have occurred, the Chairperson should act immediately to stop it. If the situation deteriorates, the Chairperson should ask the offender to leave the room.
- If any form of harassment occurs in a less openly visible way (e.g. during social activities or informal gatherings), the affected person and/or witness(es) should immediately report it to one of the organizers. The affected person has the option to pursue a formal procedure.
- In cases described above, the organizer should prepare written notes of the incident, attaching any evidence and identifying any witnesses.
 The organizer should then give the alleged offender the opportunity to be heard and to respond to the allegation.
- A full report of the incident should then be sent to the IUGG Assistant Secretary General / Executive Secretary, who will promptly report to the IUGG Officers any case of harassment that occurred during an IUGG General Assembly.
- The IUGG Officers will appoint an investigation board (typically composed of IUGG Executive Committee Members), which will evaluate the
 allegation and eventually conduct hearings with the parties involved. At the conclusion of the investigation the IUGG Executive Committee
 may decide to take disciplinary actions with respect to the person involved. Retaliation of any form is strictly prohibited.
- Harassment incidents or behavior that occur outside IUGG activities referred to above will be considered only when a formal investigation of
 the case has been conducted by the relevant authority (e.g. the institution, to which the individual is affiliated) and made known to the IUGG
 Executive Committee. In those cases that involve an IUGG or Association officer, the Executive Committee may decide to take disciplinary
 actions against that person.



IPdL International

JPdL is our Conference Organiser and strategic partner for IUGG2019. It is a national company with 6 offices across Canada and over 35 years of experience in conference management, event planning and destination management. It manages both national and international events across a wide range of fields and disciplines, and is partnered with numerous organisations from the local to the international level.

 International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI)



Palais des congrès de Montréal

congresmtl.com

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Thank you to our sponsors



The Japan Aerospace Exploration Agency (JAXA)



GEM SYSTEMS



Geotop

UQAM Faculté des sciences

Université du Québec à Montréal

UQAM's Faculty of Science

Thank you to exhibitors.



The Japan Aerospace Exploration Agency (JAXA)



GEM SYSTEMS



Geotop

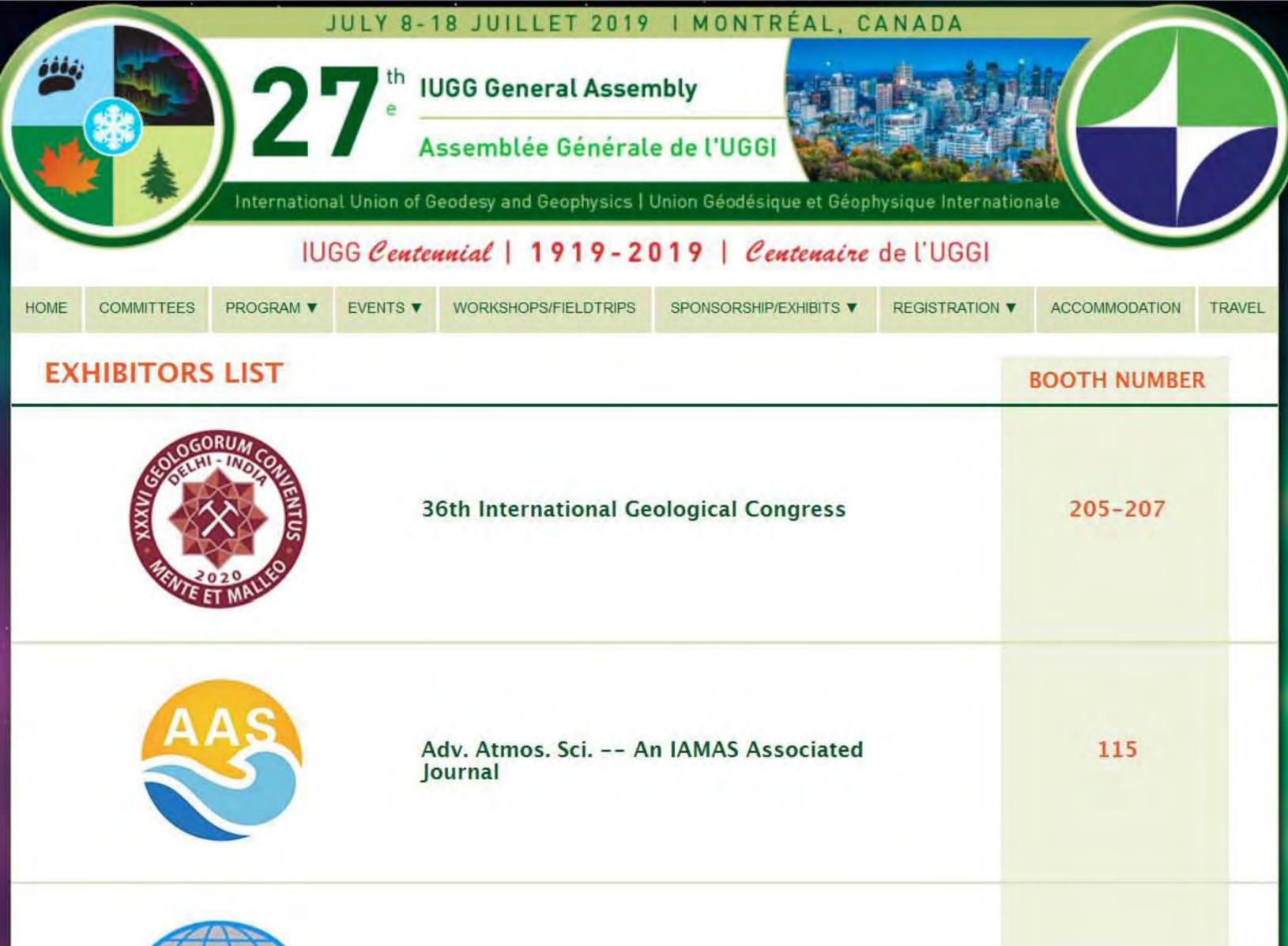
UQAM Faculté des sciences Université du Québec à Montréal

UQAM's Faculty of Science

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Fiona Darbyshire, Université du Québec à Montréal	Chair
Lawrence Mysak, McGill University	Deputy Chair
Laxmi Sushama, McGill University	Secretary
Francesco Pausata, Université du Québec à Montréal	Sponsorship and Fundraising
Brian Branfireun, University of Western Ontario	Sponsorship and Exhibits
Yajing Liu, McGill University	Fieldtrips and workshops
Kim Berlo, McGill University	Fieldtrips and workshops
Randy Scharien, University of Victoria	Media and communications
Georgia Fotopoulos, Queen's University	CGU Liaison
Dominique Paquin, Ouranos	CMOS Liaison

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Jeff McKenzie, McGill University	Member at Large
Sandrine Solignac, Université du Québec à Montréal	Member at Large
Émilie Bresson, Université du Québec en Abitibi-Témiscamingue	Volunteer coordinator

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Spiros Pagiatakis, York University, Canada	Chair
Alik Ismail-Zadeh, Karlsruhe Institute of Technology, Germany	Secretary-General, IUGG
Andrew Mackintosh, Victoria University of Wellington, New Zealand	Secretary-General, IACS
Christophe Cudennec, Agrocampus Ouest, France	Secretary-General of IAHS
Hermann Drewes, Technische Universität München, Germany	Secretary-General, IAG
Stefania Sparnocchia, Consiglio Nazionale delle Ricerche, Italy	Secretary-General, IAPSO
Johannes Schweitzer, NORSAR, Norway	Secretary-General, IASPEI
Roberto Sulpizio, Università di Bari, Italy	Secretary-General, IAVCEI
Mioara Mandea, Centre national d'études spatiales, France	Secretary-General, IAGA
Teruyuki Nakajima, Japan Aerospace Exploration Agency	Secretary-General, IAMAS



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Roberto Sulpizio, Università di Bari, Italy	Secretary-General, IAVCEI
Mioara Mandea, Centre national d'études spatiales, France	Secretary-General, IAGA
Teruyuki Nakajima, Japan Aerospace Exploration Agency	Secretary-General, IAMAS











IUGG General Assembly

Assemblée Générale de l'UGGI

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Our housing bureau is not taking any further hotel requests. Please note that the hotel conference room rates are no longer guaranteed. If you need to make a reservation, please contact the hotels directly and mention you are coming for the IUGG conference to verify if they can accommodate your reservation at the hotel.

To make a reservation or do changes to a current reservation, please contact the hotels directly to the following email or phone numbers:

Hotel Name	Email	Phone number
InterContinental		514 987 9900
Westin	reservations@westionmontreal.com	1.866.837.4262
Holiday Inn Downtown		1 888 878-9888 (514-878-9888)
Delta Montreal		1-888-236-2427
Le Dauphin	mtl@hoteldauphin.ca	514.788.3888 / 1.888.784.3888
Travelodge	reserve@travelodgemontreal.ca	1-800-363-6535
Zero 1	tmohammed@zero1-mtl.com	514-871-9696

Faubourg	reservations@hotelfaubourgmontreal.com	(514) 448-7100
Candlewood Suites		514-667-5002
Marriott Fairfield	edison.wong@sunraygroup.ca	514.845.9236 ext 207
Le Roberval	reservations@hotellabelle.com	514 840 1195 ext 8998
Les Suites Labelle	reservations@hotellabelle.com	514 840 1195 ext 8998
Chrome	alexa@hotelchrome.com	514-393-3388 ext 248
UQAM	delouest-residences@uqam.ca	(514) 987-7747
McGill Residences	reserve.residences@mcgill.ca	514-398-5433

JPdL International (official Housing Bureau) has negotiated preferential rates for the participants of the 27th IUGG General Assembly. Accommodation should be booked through the IUGG Congress Housing Bureau – JPdL International.

The IUGG Congress Housing Bureau - JPdL International

is now open for room reservations. When registering for the conference you can book your hotel accommodation. If you require assistance, please contact us: secretariatlUGG2019@jpdl.com

Warning regarding Non-Official Housing Services (Housing "Pirates" Warning)

Room pirating is a practice carried out by third-party companies that act as travel agencies to solicit attendees and exhibitors for room reservations. Please be vigilant if approached by any company. All hotel bookings are recommended to be done through the official housing provider appointed by IUGG for the 27th General Assembly, JPdL International.

JPdL is unable to guarantee the quality and reliability of any other accommodation service, nor will be able to assist you should you have difficulties when using other providers.

The following hotels are offered by the - IUGG Housing Bureau - JPdL International

- Rates are based on single/double occupancy. Triple or Quad occupancy will have a supplementary charge.
- All hotel rates are quoted in Canadian Funds and are subject to all applicable taxes. The following taxes are not included in the room
 rate and are subject to change without notice (on a per room, per night basis): 3.50% Lodging tax, 5.00% Federal goods and services tax,
 9.975% Provincial sales tax.
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- Taxes are not included in the room rates listed and are subject to change without notice (on a per room, per night basis)



Candlewood

Candlewood Suites Montréal located in the heart of Downtown Montréal, close to the Old Port, Place des Arts and Sainte Catherine Street. We specialize in extended stays with our fully equipped kitchens including a full refrigerator, dishwasher, microwave, and all the kitchen amenities required to feel at home.

At the Candlewood Suites Montréal, we offer a more casual experience, including all of the comforts and conveniences you need to be at your best while travelling away from home. We are also pet-friendly so feel free to bring the whole family along. Whatever brings you to the area, Candlewood Suites Montréal is here to accommodate your needs.

Standard Room (1 Queen bed) \$169 per night/room Single or Double occupancy Wi-Fi included

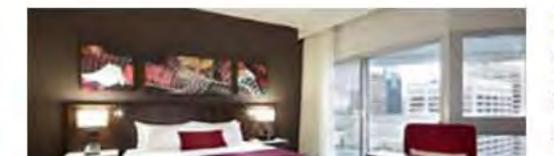


Chrome

An elegant and peaceful retreat in the heart of Montréal. Occupying 8 floors, the hotel offers 123 comfortable non-smoking rooms in an impressive glass building, capturing its slogan at its best « the best value under the sun ».

Situated at 215 René-Lévesque Boulevard East, the hotel is ideally located at the crossroad of the main tourist centers of Downtown Montréal. Within walking distance to Old Montréal, underground shopping, the Latin Quarter and le Village.

Standard Room (1 Queen bed or 2 Double beds)
\$184 per night/room
Single or Double occupancy
Wi-Fi included



Delta Hotel

Located in the heart of downtown's vibrant entertainment district, Le Quartier des Spectacles, the Delta Montréal offers a stylish, comfortable stay steps from the city's must-see sights. Spend your time strolling through high-end boutique and museums on Sherbrooke Street,



Delta Hotel

Located in the heart of downtown's vibrant entertainment district, Le Quartier des Spectacles, the Delta Montréal offers a stylish, comfortable stay steps from the city's must-see sights. Spend your time strolling through high-end boutique and museums on Sherbrooke Street, exploring nature at Mont Royal, eating your way along Sainte-Catherine Street. Return to your guest room, where complimentary Wi-Fi, a cozy bed, LCD TV and in-room dining create a relaxing evening. Re-energize at the fitness center, squash courts or indoor pool.

Single or Double occupancy (2 double beds or 2 Queen beds) \$195 per night/room Wi-Fi included



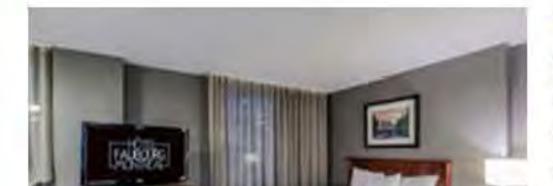
Le Dauphin

Le Dauphin Downtown Montréal features 72 large rooms and suites.

Le Dauphin Downtown Montréal is only a few steps from Montréal's Convention Center, and will put you right in the heart of the city's core business and cultural districts. Its prime location will also provide you with easy access to the city's beautiful and historic Old Montréal.

Start your day right with a free continental breakfast, which includes a diverse selection of food items. You'll be glad to know that the breakfast includes Montréal's pride, authentic and world-famous « Fairmount Bagels »!

Standard Room (1 King bed or 2 Queen beds)
\$199 per night/room
Single or Double occupancy
Wi-Fi and Breakfast included



Hotel Faubourg

Perfectly located in the heart of Downtown, near all the summer festivals, The Old Port of Montréal and Chinatown our 161 spacious studios and suites, all featuring kitchenettes, will meet all your lodging needs while in the city. Enjoy free access to the indoor pool, fitness center and a complimentary continental breakfast. Hotel Faubourg, Montréal at your rhythm!



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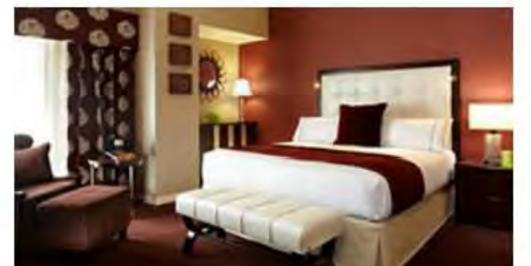
Standard Room (1 Queen bed or 2 Queen beds)
\$195 per night/room
Single or Double occupancy
Wi-Fi and Breakfast included



Holiday Inn Downtown Montréal

Located in the heart of Montréal, this four-star hotel renovated in 2015 features 235 modern rooms, with colorful Asian-inspired designs. The Holiday Inn Downtown is housed across the street from Montréal Convention Center and one block away from historic Old Montréal with fine restaurants and bars and a shopping mall "Complexe Desjardins" with 200 stores. Enjoy comfortable lobby and renowned Chez Chine restaurant serving Continental and Chinese cuisine.

Standard Room (1 Queen bed or 2 Queen beds) \$199 per night/room Single or Double occupancy Wi-Fi included



InterContinental

Perfectly placed for business or leisure, the InterContinental Montréal is connected to Montréal Convention Centre and boasts stunning views overlooking Old Montréal and the port. Nearby, you'll find many places to explore in the old city of Montréal, including Notre-Dame Basilica. Upon your return, enjoy signature cocktails at the Sarah B. bar, relax in our salt-water lap pool or sample the sumptuous menu at Osco! Restaurant. Retire to a spacious guest room, knowing every comfort is provided.



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Standard Room (1King bed or 2 Double beds)
\$249 per night/room
Single or Double occupancy
Wi-Fi included



Marriott Fairfield

Fairfield by Marriott located in the heart of Downtown Montréal, is close to the Old Port, Place des Arts and Sainte Catherine Street.

Travel with confidence when you stay at the Fairfield hotel. Our 154 modern guest rooms are uniquely designed, spacious, and relaxing. All rooms are equipped with a mini fridge, safe, microwave and a comfortable working area, while a large window fills the space with natural light. Free Wi-Fi throughout the hotel and our 24-hour business center help keep you connected during your stay. We also have a 24-hour fitness center to help you stay on track.

Standard Room (1 King bed) \$155 per night/room Single or Double occupancy Wi-Fi and breakfast included



Le Roberval

Located in Montréal's Quartier Latin, Hotel Le Roberval is in the heart of the city's cultural center. Its proximity to transports, main attractions and major festivals sites makes it the perfect solution for travelers seeking clean and comfortable accommodation at rates defying all



Le Roberval

Located in Montréal's Quartier Latin, Hotel Le Roberval is in the heart of the city's cultural center. Its proximity to transports, main attractions and major festivals sites makes it the perfect solution for travelers seeking clean and comfortable accommodation at rates defying all competition. All of our 76 downtown Montréal suites and studios will meet our guests expectations, and our professional and friendly staff will do all they can to make sure you enjoy your stay in Montréal!

All our rooms are non-smoking and equipped with modern amenities such as LCD flat screen television, high quality mattresses, free Wi-Fi Internet.

Standard Room (1 Queen bed or 2 Queen beds)
\$159 per night/room
Single or Double occupancy
Wi-Fi and breakfast included



Les Suites Labelle

Ideally located in the heart of Montréal, Hotel Les Suites Labelle offers affordable quality accommodations that will meet expectations of both leisure and business travelers. Our apartment hotel offers 97 non-smoking studios and suites, all equipped with kitchenette and modern amenities such as LCD flat screen televisions. Located on the edge of Downtown Montréal and Old Town, in the heart of the Latin Quarter, our central location makes it easy to reach any part of the city. Most touristic areas are within walking distance and Berri metro station is only 100 meters away.

Hotel Les Suites Labelle is also on the edge of Montréal's new "Quartier des Spectacles". This brand-new district, completed in 2011 is now home to the city's numerous international festivals.

Standard Room (1 Queen bed or 2 Double beds)
\$169 per night/room
Single or Double occupancy
Wi-Fi and breakfast included



Travelodge

Located in the heart of downtown Montréal, the Travelodge Montréal Centre is destination of



Travelodge

Located in the heart of downtown Montréal, the Travelodge Montréal Centre is destination of choice to fully enjoy our beautiful city. Steps away from the Place des Festivals and Sainte-Catherine Street, right by Chinatown and less than a 10 minutes walk to Old Montréal, you can enjoy all the main attractions easily.

We welcome you in one of our comfortable rooms, all fully renovated in 2015. Each room is equipped with a flat-screen HD television and a coffee maker (free coffee). The rates include the continental breakfast (buffet-style) and the Wi-Fi connection.

Standard Room (1 Double bed or 2 Single beds. +10\$ for 1 Queen bed)
\$159 per night/room
Single or Double occupancy
Wi-Fi and breakfast included



Westin

Welcome to the refreshing Le Westin Montréal. The hotel is located at the junction of Old Montréal and downtown and 25 minutes from the Pierre-Elliott-Trudeau International Airport. It is also connected to Montréal's Convention Center, (Palais des Congrès Montréal), underground city and the « Place-d'Armes » subway station. Savour the inspired cuisine of the Gazette Restaurant.

Traditional Room (1 King bed or 2 Queen beds)
\$245 per night/room
Single or Double occupancy
Wi-Fi included



Zéro 1

Discover a stylish urban oasis at Hotel ZERO1, an independent hotel in downtown Montréal's vibrant Quartier des Spectacles neighborhood. Located next to Chinatown and the business district, Hotel ZERO1 is a short walk from the Montréal Convention Centre, charming Old Montréal and hip bars and restaurants on Saint-Laurent Boulevard.

Our unique hotel has mastered the art of combining hold design with modern comfort



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Discover a stylish urban oasis at Hotel ZERO1, an independent hotel in downtown Montréal's vibrant Quartier des Spectacles neighborhood. Located next to Chinatown and the business district, Hotel ZERO1 is a short walk from the Montréal Convention Centre, charming Old Montréal and hip bars and restaurants on Saint-Laurent Boulevard.

Our unique hotel has mastered the art of combining bold design with modern comfort.

Each of Hotel ZERO1's 165 guestrooms and suites includes a flat-screen TV, plush pillow-top bed, kitchenette and lovely views of the surrounding city. Complimentary Wi-Fi and sleek worktables also make it easy to stay connected and productive throughout your stay.

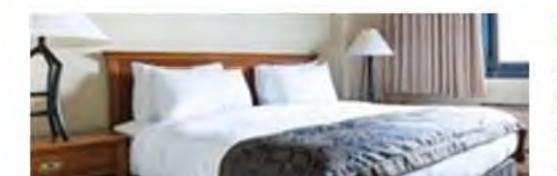
Standard Room (1 Queen bed) \$190 per night/room Single or Double Occupancy Wi-Fi included



UQAM Residence Ouest

West Lodge Apartment Hotel (Résidences UQAM Ouest) has the following amenities: laundry room and multilingual staff. There are 4 meeting rooms. Free high-speed wireless Internet is available. This apartment hotel is located in Montréal and also offers the following facilities: TVs and pool tables in the common areas and an elevator. Parking is available on site with a surcharge.

Standard Room (Double bed) \$94 per night/room Single or Double Occupancy Wi-Fi included



McGill Carrefour Sherbrooke

475 Rue Sherbrooke O, Montréal, QC H3A 2L9

Carrefour Sherbrooke located in the heart of Montreal's downtown area on Sherbrooke Street West, provides hotel-style accommodations. Guests will find first class shopping, restaurants and art galleries, outdoor cafés and street festivals all at walking distance.



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\$115 CAD (single or double occupancy)
Includes free Wi-Fi and breakfast



HOTEL McGill NEW RESIDENCE HALL

3625 Park Ave, Montréal, QC H2X 3P8

New Residence Hall is just steps away from the downtown business core, as well as numerous art galleries, museums, the metro system (subway), Montreal's world-famous underground shopping centers, and fabulous entertainment and restaurants.

\$124 CAD (single or double occupancy)
Includes free Wi-Fi and breakfast

To book at one of the McGill Residences please follow the instructions below:

- 1. Click on the following link to start https://www.mcgill.ca/accommodations/summer
- 2. Click on Reservation request form (May 15 through August 15)
- Fill the request form and submit
 NOTE: Make sure that under comments you mention you are attending IUGG so you get the conference rate applied to your reservation.
- The McGill Housing and Hospitality Services will confirm your reservation and send you a confirmation of your booking within the next 24 to 48 hours.

NOTE: Should you not receive your confirmation you can contact them by email to reserve.residences@mcgill.ca or by phone to 514-398-5433



ZUM HOTEL

2450 Edouard Montpetit Blvd, Montreal, QC H3T 1J4

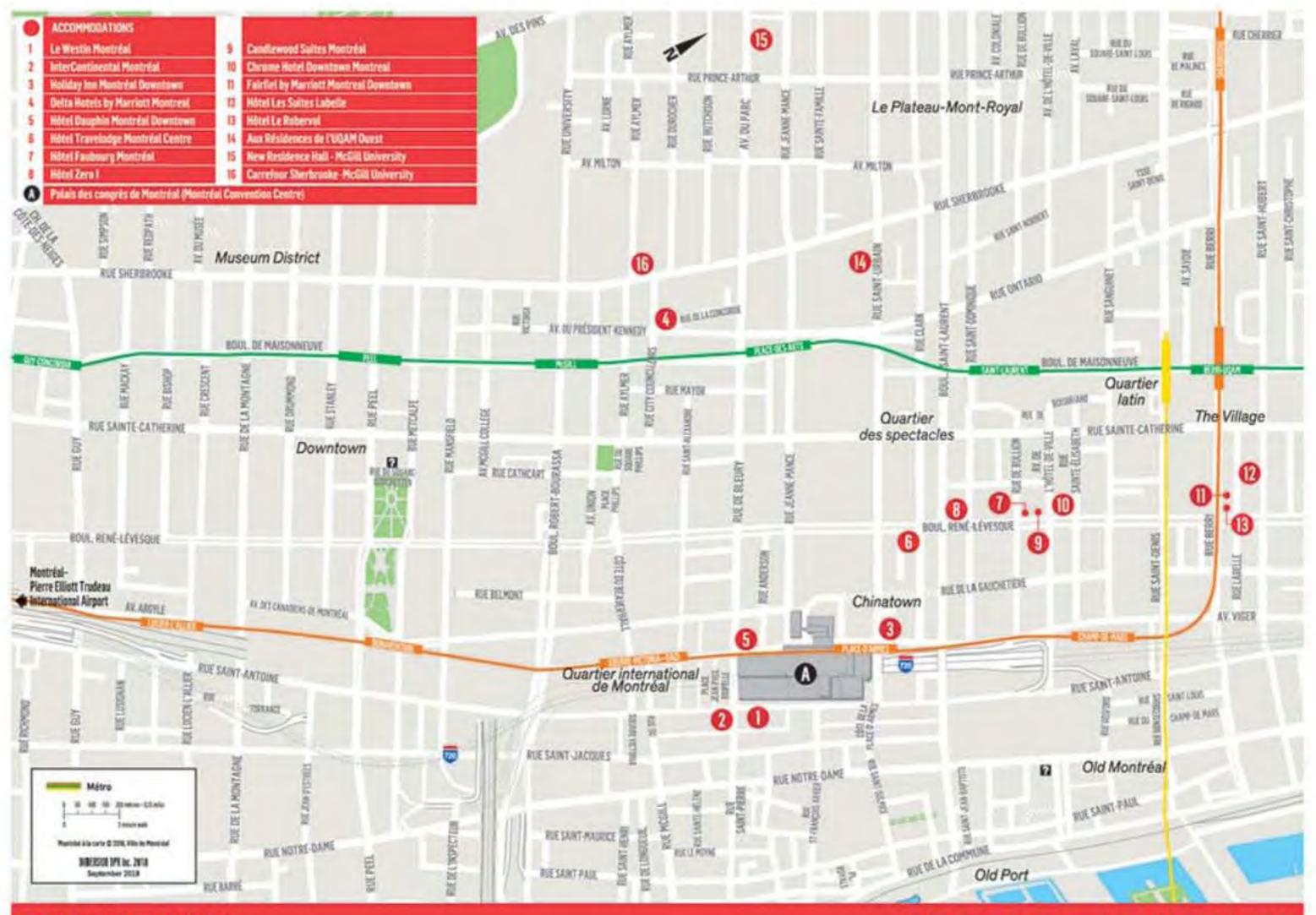
Located on the University of Montréal campus, this eco-friendly hotel is 6 minutes' walk from the Édouard-Montpetit Subway Station and 20 minutes' bus ride from Downtown Montreal.

Start at 40\$ per night/room

WiFi is complimentary in common area. Internet in room is an additional charge (\$) Shared bathrooms

Click here to book a room at ZUM Hotel >





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IUGG General Assembly – July 8-18, 2019



MEDIA

On behalf of the IUGG2019 Local Organising Committee, I welcome you to the 27th General Assembly of the International Union of Geodesy and Geophysics, held in Montréal, Canada in July 2019.

The International Union of Geodesy and Geophysics (IUGG) is a non-governmental scientific organisation, one of 40 that make up the International Science Council (ISC). Its mandate covers a diverse range of scientific studies of the Earth, including solid-Earth dynamics, earthquakes and volcanoes, the hydrological cycle including snow, ice and glaciation, atmospheric and ocean sciences, and the Earth's magnetic and gravitational fields.

Every four years, the IUGG holds a General Assembly, where scientists from these different disciplines meet to present and discuss the most important issues that are covered in their research, and the value of this research to society. Topics are wide-ranging and the research cutting-edge, including: climate change and its impacts on water availability, plastic waste and ocean life, the causes and impacts of tsunamis, ice-sheet melt and sea-level rise, damaging earthquakes, impacts of pollution on ecosystems, and many others.

Montréal was chosen as the venue for the 27th General Assembly, which also marks a special anniversary – the centennial celebration – for the IUGG. This year, the Assembly will be hosted by two Canadian scientific societies, the Canadian Geophysical Union (CGU) and Canadian Meteorological and Oceanographic Society (CMOS).

Join us at the Palais des Congrès, Montréal, for 9 days of scientific symposia, keynote presentations, awards, special lectures, a public documentary screening and panel discussion, and a wide range of scientific workshops.

Fiona Darbyshire Local Organising Committee Chair, IUGG2019.

The Press Room will be located in room 515B of the Palais des Congrès.

SUMMARY OF MEDIA AND COMMUNICATIONS HIGHLIGHTS

The International Association of Geodesy and Geophysics (IUGG) is the main organization that brings together scientists from 8 associations focused on specific fields of research, from around the world for a General Assembly every four years. The 8 associations are:

- International Association of Cryospheric Sciences (IACS)
- International Association of Geodesy (IAG)
- International Association of Geomagnetism and Aeronomy (IAGA)
- International Association of Hydrological Sciences (IAHS)
- International Association of Meteorology and Atmospheric Sciences (IAMAS)
- International Association for the Physical Sciences of the Oceans (IAPSO)
- International Association of Seismology and Physics of the Earth's Interior (IASPEI)
- International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI)

The IUGG 2019 General Assembly is the 27th, and 2019 marks the 100th anniversary of IUGG, with the theme "Beyond 100: The next century in Earth and Space Science". As part of IUGG 2019, there will be 9 days of scientific sessions and workshops split up into more than 200 thematic symposia (9th-17th July), with almost 4000 scientists from 90 countries discussing cutting edge Earth and Space Science research. Topics covered will be wide-ranging, including:

- · climate change impacts on water availability
- · plastic waste and ocean life
- · causes, likelihoods and impacts of tsunamis
- · ice sheet melt and sea level rise
- climate change and maritime and weather risks
- · damaging earthquakes
- · impacts of pollution on ecosystems

Specific highlights of interest to the media and public will be published shortly, and the full searchable scientific program can be found here: https://www.czech-in.org/cmPortalV15/CM_W3_Searchable/iugg19/normal#!sessionschedule

In addition to the scientific sessions and workshops, there will be several notable events during IUGG 2019, including:

The Union Lectures

Leading experts representing the IUGG and each of the 8 associations will be providing insights and societal challenges specific to their fields, in 30-minute presentations taking place from 10:30am-12:00pm on July 11th, 13th, and 15th.

See: http://iugg2019montreal.com/union-lectures.html

Public Lecture: the Canada C3 – Coast to Coast to Coast Documentary

A film about the Canada C3 project, highlighted by a 150-day ship-based expedition around Canada's coast, will be shown in English and French, followed by a bilingual roundtable on July 9th from 7:00-8:30pm.

See: http://iugg2019montreal.com/union-lectures.html

Also see the organization website: https://canadac3.ca/en/homepage/

IUGG Gold Medal Recipient Lecture

W. Richard Peltier, from the Department of Physics, University of Toronto, will be awarded the IUGG Gold Medal, for "his scientific contributions that have been pioneering and profound in deep earth physics and climate system processes, and for his unselfish contributions to international scientific collaboration". He will be giving a special Gold Medal Lecture on glaciers and climate on July 17th from 2:00-3:00pm.

See: http://iugg2019montreal.com/iugg-gold-medal-lecture.html

The Prince Albert I Medal recipient for 2019 and Albert I Memorial Lecture

Corinne Le Quéré, Professor of Climate Change Science, University of East Anglia, will be awarded The Prince Albert I Medal by the International Association for the Physical Sciences of the Oceans (IAPSO) for "for her fundamental contributions to our understanding of ocean biogeochemistry and global carbon cycling, and her work to quantify the ocean's role in the uptake of global carbon emissions". She will be giving a special Albert I Memorial Lecture at the IAPSO award ceremony on 12th of July, from 5:00-6:00pm.

See: http://iugg2019montreal.com/p.html

Also see the IAPSO website: http://iapso.iugg.org/medals-and-awards/the-prince-albert-i-medal

Celebrating 100 Years of Volcanic Activity: 1919-2019

The International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI) will celebrate their centennial with a dedicated entire day of invited talks aimed at highlighting the progresses of volcanology over the last 100 years. Invited talks will cover advances in our understanding of how volcanoes work, crisis management, and the impacts of eruptions on weather and climate. Talks will take place on 12th of July from 8:30am-6:00pm.

See: http://iugg2019montreal.com/v.html

MÉDIAS

Au nom du comité d'organisation local IUGG2019, je vous souhaite la bienvenue à la 27e assemblée générale de l'Union internationale de géodésie et de géophysique, tenue à Montréal (Canada) en juillet 2019.

L'Union Géodésique et Géophysique Internationale (UGGI) est une organisation scientifique non gouvernementale, l'une des 40 qui composent le Conseil scientifique international (ISC). Son mandat couvre un large éventail d'études scientifiques sur la Terre, notamment la dynamique de la Terre solide, les séismes et les volcans, le cycle hydrologique, y compris la neige, la glace et la glaciation, les sciences de l'atmosphère et de l'océan, ainsi que les champs magnétiques et gravitationnels de la Terre.

Tous les quatre ans, l'UGGI tient une assemblée générale au cours de laquelle des scientifiques de ces différentes disciplines se réunissent pour présenter et débattre des questions les plus importantes abordées dans leurs recherches et de la valeur de ces recherches pour la société. Les sujets abordés sont variés et à la pointe de la recherche, y compris: le changement climatique et ses impacts sur la disponibilité de l'eau, les déchets plastiques et la vie marine, les causes et les impacts des tsunamis, la fonte de la banquise et l'élévation du niveau de la mer, les tremblements de terre dommageables, l'impact de la pollution sur les écosystèmes, et bien d'autres.

Montréal a été choisie pour accueillir la 27e Assemblée générale, qui marque également un anniversaire spécial - la célébration du centenaire - de l'UGGI. Cette année, l'Assemblée sera organisée par deux sociétés scientifiques canadiennes, l'Union Géophysique Canadienne (UGC) et la Société Canadienne de Météorologie et d'Océanographie (SCMO).

Rejoignez-nous au Palais des Congrès, à Montréal, pour 9 jours de symposiums scientifiques, de présentations, de prix, de conférences spéciales, de projection de documentaire public et de table ronde, ainsi que de nombreux ateliers scientifiques.

Fiona Darbyshire

Président du comité d'organisation local, IUGG2019.

La salle de presse sera située dans la salle 515B du Palais des Congrès.

SOMMAIRE DES POINTS PRINCIPAUX AU SUJET DES MÉDIAS ET DES COMMUNICATIONS

L'Union Géodésique et Géophysique Internationale (IUGG) est la principale organisation qui réunit des scientifiques de 8 associations spécialisées dans des domaines de recherche spécifiques, réunis dans le monde entier pour une assemblée générale tous les quatre ans. Les 8 associations sont:

- Association Internationale des Sciences Cryosphériques (AISC)
- Association Internationale de Géodésie (AIG)
- Association Internationale de Géomagnétisme et d'Aéronomie (AIGA)
- Association Internationale des Sciences Hydrologiques (AISH)
- Association Internationale de Météorologie et des Sciences de l'Atmosphère (AIMSA)
- Association Internationale des Sciences Physiques de l'Océan (AISPO)
- Association Internationale de Sismologie et de Physique de l'Intérieur de la Terre (AISPIT)
- Association Internationale de Volcanologie et de Chimie de l'Intérieur de la Terre (AIVCIT)

L'Assemblée générale de l'UGGI 2019 sera la 27ième et 2019 marquera le 100e anniversaire de l'UGGI sur le thème «Au-delà de 100 ans: le prochain siècle des sciences de la Terre et de l'espace». Dans le cadre de l'UGGI 2019, il y aura 9 jours de sessions scientifiques et d'ateliers divisés en plus de 200 colloques thématiques (du 9 au 17 juillet), avec près de 4 000 scientifiques de 90 pays discutant de recherches de pointe en sciences de la Terre et de l'espace. Les sujets abordés seront variés, notamment:

- impacts du changement climatique sur la disponibilité de l'eau
- déchets plastiques et vie marine
- · causes, probabilités et impacts des tsunamis
- · fonte des glaces et élévation du niveau de la mer
- changement climatique et risques maritimes et météorologiques
- · tremblements de terre dommageables
- · impacts de la pollution sur les écosystèmes

Des points clés présentant un intérêt particulier pour les médias et le public seront publiés prochainement. Le programme scientifique complet est disponible ici:

https://www.czech-in.org/cmPortalV15/CM_W3_Searchable/iugg19/normal#!sessionschedule

En plus des sessions scientifiques et des ateliers, il y aura plusieurs événements marquants au cours de l'IUGG 2019, notamment:

· Les conférences de l'Union

Des experts de premier plan représentant l'UGGI et chacune des 8 associations apporteront des éclaircissements et des défis de société spécifiques à leur domaine, au cours de présentations de 30 minutes qui auront lieu les 11, 13 et 15 juillet de 10h30 à 12h00.

Voir: http://iugg2019montreal.com/union-lectures.html

Conférence publique: le documentaire Canada C3 - Documentaire d'un océan à l'autre

Un film sur le projet Canada C3, illustré par une expédition de 150 jours sur les côtes canadiennes, sera projeté en anglais et en français, suivi d'une table ronde bilingue le 9 juillet de 19h à 20h30.

Voir: http://iugg2019montreal.com/union-lectures.html

Consultez également le site Web de l'organisation: https://canadac3.ca/en/homepage/

Voir: http://iugg2019montreal.com/union-lectures.html

Consultez également le site Web de l'organisation: https://canadac3.ca/en/homepage/

Conférence des récipiendaires de la médaille d'or de l'UGGI

W. Richard Peltier, du Département de physique de l'Université de Toronto, recevra la médaille d'or IUGG pour ses "contributions scientifiques pionnières et profondes dans les processus de la physique des terres profondes et du système climatique, ainsi que pour sa contribution désintéressée à la collaboration scientifique internationale". Il donnera une conférence spéciale sur les glaciers et le climat le 17 juillet de 14h à 15h.

Célébration du centenaire de l'activité volcanique: 1919-2019

L'Association Internationale de Volcanologie et de Chimie de l'Intérieur de la Terre (AIVCIT) célébrera son centenaire avec une journée entière de conférences invitées visant à mettre en lumière les progrès de la volcanologie au cours des 100 dernières années. Les conférences invitées couvriront les avancées dans notre compréhension du fonctionnement des volcans, de la gestion de crise et des impacts des éruptions sur le temps et le climat. Les discussions auront lieu le 12 juillet de 8h30 à 18h00.

Voir: http://iugg2019montreal.com/v.html





