

HI-AM Conference

5th | 2022

**HOLISTIC INNOVATION IN
ADDITIVE MANUFACTURING**

JUNE 21 & 22 | MONTRÉAL, QC, CANADA
nserc-hi-am.ca/2022



SPONSOR & EXHIBITOR GUIDE



What is HI-AM?

Additive manufacturing (AM) has the potential to change the entire manufacturing sector by 2030. Despite the recent progress in this field, there are several remaining challenges hindering the widespread industry adoption of this technology from expensive and limited metal powder feedstock to the need for increased process reliability.

The Holistic Innovation in Additive Manufacturing (HI-AM) Network has been formed to work on innovative solutions to address these challenges and to equip Canada for the era of Industry 4.0 and “digital-to-physical conversion.” With major investment from the Natural Sciences and Engineering Research Council of Canada (NSERC) and Canada Foundation for Innovation (CFI), the Network investigates fundamental scientific issues associated with metal AM pre-fabrication, fabrication, and post-fabrication processing. It facilitates collaboration between Canada’s leading research groups in advanced materials processing and characterization, powder synthesis, alloy development, advanced process simulation and modeling, precision tool-path planning, controls, sensing, and applications.

HI-AM is the first national academic additive manufacturing initiative in Canada. This Network builds the partnerships, develops the intellectual property, and trains the highly skilled individuals Canada needs to compete in this crucial arena of advanced manufacturing.

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HI-AM 2022

HI-AM 2022 is the 5th annual gathering of NSERC Network for Holistic Innovation in Additive Manufacturing and the only academic conference in Canada focused exclusively on metal additive manufacturing. With hundreds of additive manufacturing experts and decision-makers from academia, research institutes, industry and government participating, HI-AM 2022 is an event not to be missed.

Cohosted by **McGill University** and **University of Waterloo**, the focus of HI-AM 2022 is to provide a platform for the presentation of recent R&D advancements in the field of metal additive manufacturing under 4 research themes:

1. **Material development**
2. **Advanced process modeling**
3. **Process monitoring and control**
4. **Innovative AM processes/products**

HI-AM 2022 is planned to be in-person, and will be open to participants who are fully vaccinated against COVID-19 or have an approved exemption. This decision was reached by the Organizing Committee of the conference after careful consideration of the challenges and advantages of available options, and based on the high rates of vaccination in Canada and the maintenance of level 1 (Green) COVID-19 alert status in Montréal since June 2021 which has allowed a safe resuming of conferences and trade shows.

As of December 2021, conferences and indoor events are allowed without assigned seating or any limits on the number of attendees in the Province of Quebec. We will keep monitoring the public health guidelines and inform the sponsors and exhibitors of any changes to the conference format and plans if the travel and/or indoor gathering restrictions change at any point before the conference.

Please join us on June 21 & 22, 2022 in Montréal, for the 5th HI-AM Conference

Hosted by:

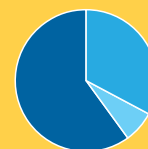


2021 HI-AM Conference at a Glance



PARTICIPATION

- 500+ participants



- 60% Academia
- 34% Industry
- 6% Government

- 300+ organizations
- 1700+ website views
- 13 exhibitors



EDUCATION

- 5 Keynote Talks
- 61 oral presentations
- 49 posters



NETWORKING

- 2000+ conversations
- 3 Career Advice sessions
- 18 exhibitor presentations
- Live tradeshow

HI-AM 2022 (continued)

TENTATIVE CONFERENCE PROGRAM

 A detailed program will be available on March 1, 2022.

DAY 1 – June 21, 2022

8:00 am	Registration and Breakfast
8:45 am	CONFERENCE OPENING
9:00 am	SESSION 1: Metal Additive Manufacturing I (Keynote Presentations)
10:20 am	Morning Tea
10:40 am	SESSION 2: Metal Additive Manufacturing II (Keynote Presentations)
12:00 pm	Lunch
12:40 pm	Exhibition and Poster Viewing
1:20 pm	SESSION 3: Material Development I SESSION 4: Advanced Process Modeling I
3:00 pm	Afternoon Tea, Exhibition and Poster Viewing
3:20 pm	Networking and Exhibition
4:00 pm	SESSION 5: Process Monitoring and Control I SESSION 6: Novel AM Processes and Products I
6:00 pm	Cocktail hour at Terrasse Place D'Armes
7:30 pm	Conference Dinner at Hotel Place D'Armes

DAY 2 – June 22, 2022

7:30 am	Breakfast
8:00 am	SESSION 7: Novel AM Processes and Products II SESSION 8: Process Monitoring and Control II
9:40 am	Morning Tea, Exhibition and Poster Viewing
10:00 am	SESSION 9: Advanced Process Modeling II SESSION 10: Material Development II
11:40 am	Lunch
12:20 pm	Exhibition and Poster Viewing
1:00 pm	SESSION 11: Novel AM Processes and Products III SESSION 12: TracLight
2:40 pm	Afternoon Tea, Exhibition and Poster Viewing
3:00 pm	SESSION 13: Material Development III SESSION 14: Advanced Process Modeling + Process Monitoring and Control III
4:40 pm	Closing Remarks and Awards

TRAVEL

Before registering for sponsorship, please read the [Travel & COVID-19](#) page on the conference website for requirements of admission to the conference venue, travelling within Canada, and entering Canada from another country. Please note that the information on this page are current as of the posted date and are subject to change. We would do our best to provide updated travel guidelines if any major changes are announced.

HI-AM 2022 (continued)

VENUE

The conference venue for HI-AM 2022 is the [Montréal Convention Centre](#) (Palais des congrès de Montréal) located in Montréal's Quartier international at the north end of Old Montréal.

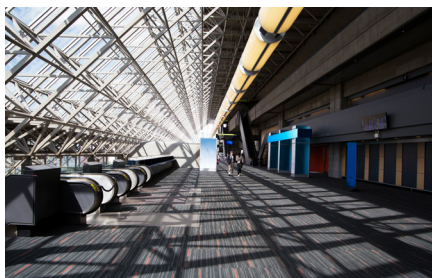


Photo Credit: Palais des congrès de Montréal – [congresmtl.com](#)

For trip planning, driving directions, and parking fees, please visit this [page](#).

Address: 1001 Pl. Jean-Paul-Riopelle, Montréal, QC H2Z 1H5

HEALTH AND SAFETY PROTOCOLS DURING THE CONFERENCE

- Access to HI-AM 2022 meeting and exhibition spaces will be limited to visitors who have demonstrated proof of vaccination (or exemption) and checked in.
- Wearing a mask is mandatory during the conference except while eating and drinking.
- A social distancing of at least 1 meter must be maintained between people.
- Buffets have been suspended. Meal boxes or adapted plated service will be offered during the meal breaks.
- The venue staff will ensure the protocols are implemented during the conference and will remind the participants of health and safety rules.
- Handwashing stations and hand sanitizer dispensers will be available at room entrances and high-traffic areas.
- For more information about the safety measures at Palais des congrès de Montréal, please visit [this page](#).

CONFERENCE DINNER

The Conference dinner will be held on June 21, 6 pm to 10 pm at [Hôtel Place D'Armes](#). The hotel is located at the walking distance of the Montréal Convention Centre (conference venue) near the iconic Notre-Dame Basilica. Conference dinner is included in the complimentary exhibitor passes offered as part of the benefits of your sponsorship package. We invite you to join us for a night of food and drink, friendly chat with AM enthusiasts, and a great view of Place d'Armes Square and Old Montréal.

Address: 55 St Jacques St., Montréal, QC H2Y 1K9

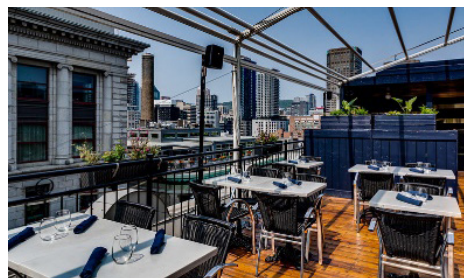
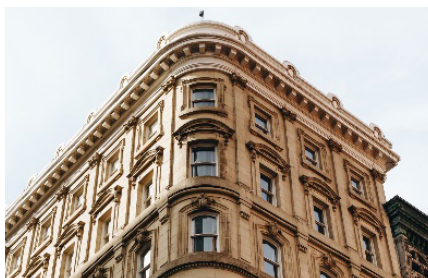
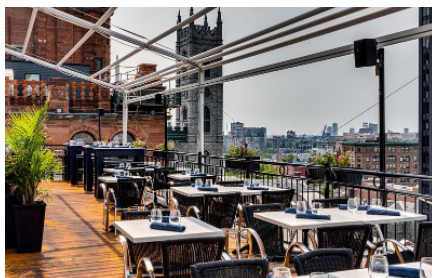


Photo Credit: Hôtel Place d'Armes Website – [hotelplacedarmes.com](#)

Call for Sponsorship

The HI-AM Conference will bring together principal researchers and key decision-makers of the metal additive manufacturing field from across Canada – and the world.

Sponsors will have the opportunity to:

- Build relationships with AM decision-makers from industry and academia.
- Promote their products/services to our wide network of industrial partners.
- Expand their brand outreach through support of academic and educational events.

PREVIOUS SPONSORS



HI-AM INDUSTRIAL PARTNERS



GOVERNMENT PARTNERS



NON-PROFIT AND HEALTHCARE PARTNERS



Sponsorship Packages

Benefits

NOTE: all fees are in Canadian Dollars

	Bronze Package \$500	Silver Package \$1000	Gold Package \$1500	Platinum Package \$3000
Logo Recognition	<ul style="list-style-type: none"> Conference website Program booklet Break slides and signage 	<ul style="list-style-type: none"> Conference website Program booklet Break slides and signage 	<ul style="list-style-type: none"> Conference website Program booklet Break slides and signage 	<ul style="list-style-type: none"> Conference website Program booklet Break slides and signage Event WiFi connection page
Exhibition Space	<ul style="list-style-type: none"> Small station One chair One round table 	<ul style="list-style-type: none"> 10'x10' booth 1D sign (7"x44", B/W) One 6' draped table Two chairs 	<ul style="list-style-type: none"> 10'x10' booth 1D sign (7"x44", B/W) One 6' draped table One round table Five side chairs 	<ul style="list-style-type: none"> 10'x20' booth 1D sign (7"x44", B/W) Two 6' draped table Two round table Five side chairs
Complimentary Full Registrations Including Tickets to Conference Dinner	1	1	2	3
Full-page Ad in Program Booklet	No	No	No	Yes

Please contact us with any questions about sponsorship and exhibition: fliravi@uwaterloo.ca

I'D LIKE TO SPONSOR

nserc-hi-am.ca/2022/sponsors-exhibitors/

General Information for Exhibitors

EXHIBITOR SCHEDULE

EVENT		DATE(S)	TIME(S)
Before the Conference	Submit the Exhibit Application Form*	January 10 – May 31, 2022	N/A
	SPONSOR		
	Exhibit Staff Registration	March 1 – June 1, 2022	N/A
	REGISTER		
	Order additional products and services (GES and Palais)	April 1 – May 31, 2022	N/A
	Shipment to GES Advanced Warehouse	May 20 – June 20, 2022	N/A
HI-AM 2022		June 21, 2022 June 22, 2022	8:00 am – 5:40 pm** 7:30 am – 5:00 pm**
Conference Day 1	Shipment delivery*** Exhibitor set-up	June 21, 2022	8:00 am – 12:00 pm
	Exhibition viewing 1	June 21, 2022	12:00 pm – 12:40 pm**
	Exhibition viewing 2	June 21, 2022	3:00 pm – 4:00 pm**
	Conference dinner	June 21, 2022	6:00 pm – 10:00 pm
Conference Day 2	Exhibition viewing 3	June 22, 2022	9:20 am – 9:40 am**
	Exhibition viewing 4	June 22, 2022	12:20 pm – 1:00 pm**
	Exhibition viewing 5	June 22, 2022	2:40 pm – 3:00 pm**
	Exhibitor dismantle	June 22, 2022	3:00 pm – 5:00 pm

* Refer to [Registration and Payment](#) Section for instructions.

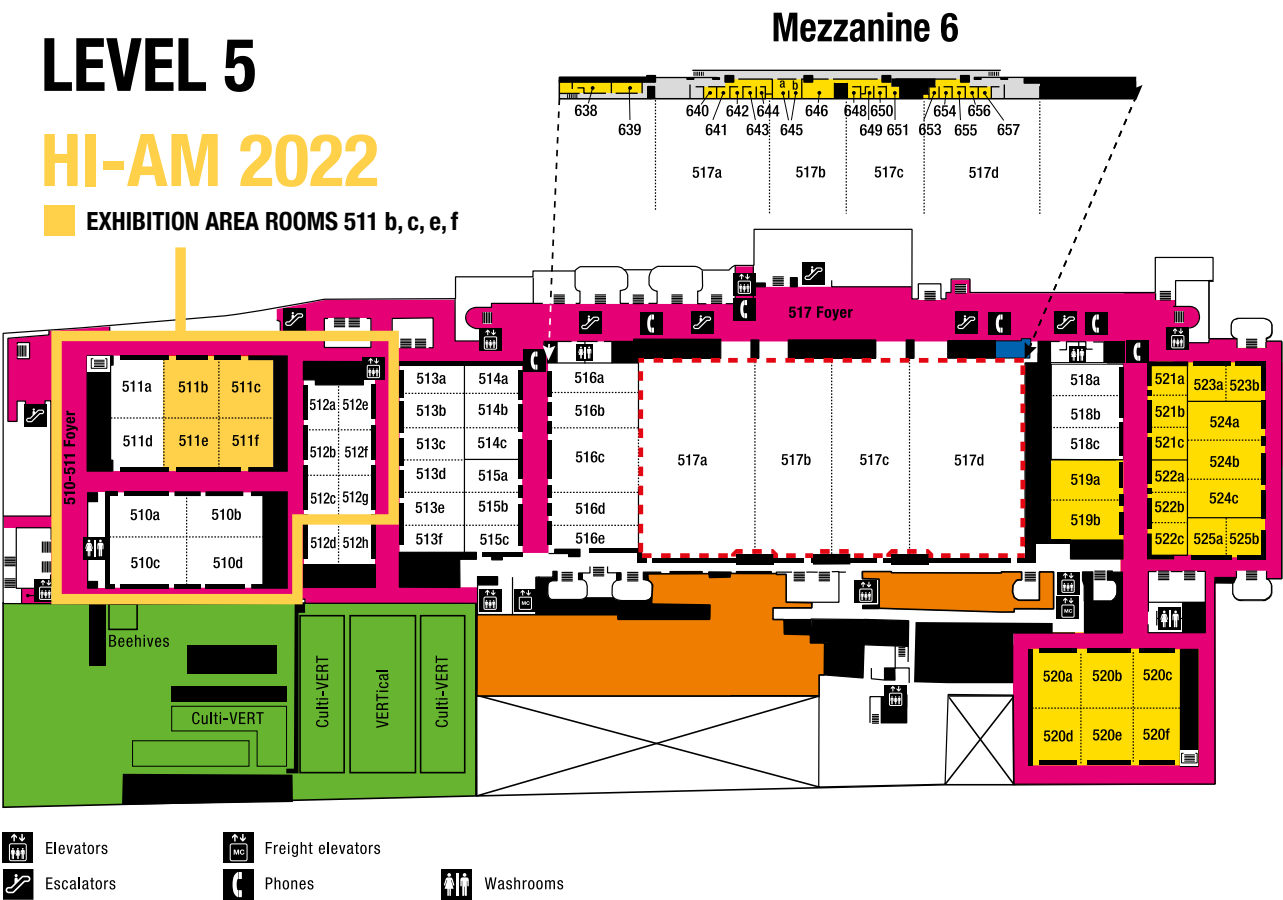
** The conference and exhibition times are subject to change. The final agenda will be published closer to the conference.

*** Unless storage at GES Advance Warehouse is coordinated, the shipments should be delivered to the loading dock of Palais no earlier than the first day of the conference (June 21, 2022). Refer to [Material Handling Sections](#) for more information.

General Information for Exhibitors (continued)

LOCATION OF THE EXHIBITION

The exhibition will take place at the Palais des congrès de Montréal in Room 511 b, c, e, f.



The **main visitor entrance** is located at:
201 Viger Avenue West, Montréal or
1001 Place Jean-Paul Riopelle, Montréal.

No delivery or pick-up of materials will be
accepted at this address.

The **loading dock** is located at
163 Saint-Antoine Street West, Montréal.
Please refer to Material Handling sections
for details.

The following locations are available to **park** your car:

Viger Parking - Palais des congrès de Montréal
1025 Chenneville Street
Clearance: 1,81 m (5' 11")

Quartier International de Montréal Parking
249 Saint-Antoine Street West
Clearance: 2 m (6' 7")

For trip planning, driving directions, and parking
fees, please visit this [page](#).

EXHIBITION SPACE

Three types of standard exhibition booths with 8' high back drape and 3' high side drapes will be provided. The exhibition booth type, dimensions, and the standard furniture provided for each booth will depend on the selected sponsorship tier. For more details, view the [Sponsorship Packages](#). Booth installation and dismantling labour costs are included in the sponsorship fees.

Note: The bronze package small stations are not separated by pipe and drape partitions.

General Information for Exhibitors (continued)

SERVICE SUPPLIERS

1. The Conference Venue (Palais des congrès) is the provider of services such as in-booth cleaning, rigging, telecom/internet, and security. Exhibitors can order these services online from the conference website after April 1, 2022.



Note: Complimentary WiFi at 5 Mbps upload/download speed will be provided to all delegates and exhibitors. Higher speeds or stable wired internet should be ordered from the Palais.

2. GES Canada Ltd. is the exclusive on-site service contractor for HI-AM 2022. Except for specific services that are required to be provided by the venue, GES is the:
 - a. Exclusive provider of all material handling services, advance warehouse storage, labour, rental of mechanized equipment, and any other required exhibitor services; and
 - b. Sole contractor for standard and specialty furniture, carpet and flooring, installation and dismantle labour, transportation, customs facilitation, signage, banners, and graphics.

GES will directly work with exhibitors in the months leading to the conference to make sure they get to HI-AM 2022 with everything they need and have a hassle-free experience prior to, during, and after the conference. Their assistance extends to the exhibition floor as they manage exhibitors' needs at their on-site Exhibitor Service Centre in the Palais des congrès.

BOOTH FURNISHINGS

Standard furniture is provided for exhibit booths depending on the selected sponsorship tier. Exhibitors may order additional products and services such as specialty furniture, plants, graphics, lighting, accessories, and electrical services at their own expense using the GES Online Ordering website (ExpressoSM) on or after April 1, 2022. Refer to [Exhibitor Schedule](#) Section for timeline details.

MATERIAL HANDLING BY GES

GES is the exclusive provider of all material handling services for HI-AM 2022. Exhibitors may order customs clearance services, advance warehouse storage, and material handling at their own expense using the GES Online Ordering website (ExpressoSM) on or after April 1, 2022. Refer to [Exhibitor Schedule Section](#) for timeline details.

Material Handling services include:

- Receipt, documentation and inspection of your shipment(s) upon arrival
- Unloading of shipment(s) at the show site dock & delivery to your booth
- Removal of containers labeled "empty" from booth to the storage area
- Storage of empty containers during the event
- Return of empty containers to booth after show close
- Movement of outbound shipment(s) from your booth to the loading dock
- Reload of shipment(s) from dock onto your carrier

Note: Unless storage at GES Advance Warehouse is coordinated, the shipments should be delivered to the loading dock of Palais no earlier than the first day of the conference June 21, 2022. Items delivered before June 21 will not be accepted. The HI-AM Conference does not accept any responsibility or liability for loss or damage caused to the shipments due to early delivery.

Using the advance storage services offered by GES is highly recommended. Exhibitors shipping to the GES Advance Warehouse receive these additional service benefits:

- Storage for up to 30 days in the Advance Warehouse
- Delivery of shipment(s) from the warehouse to show site
- First-priority unloading status during move-in

Note: Advance Warehouse Service does not include the return of your shipments to the warehouse at the end of the show. Your carrier must pick-up at the show site loading dock. Exhibitors selecting non-official carriers will need to make their own arrangements for pickup.

General Information for Exhibitors (continued)

MATERIAL HANDLING BY EXHIBITORS

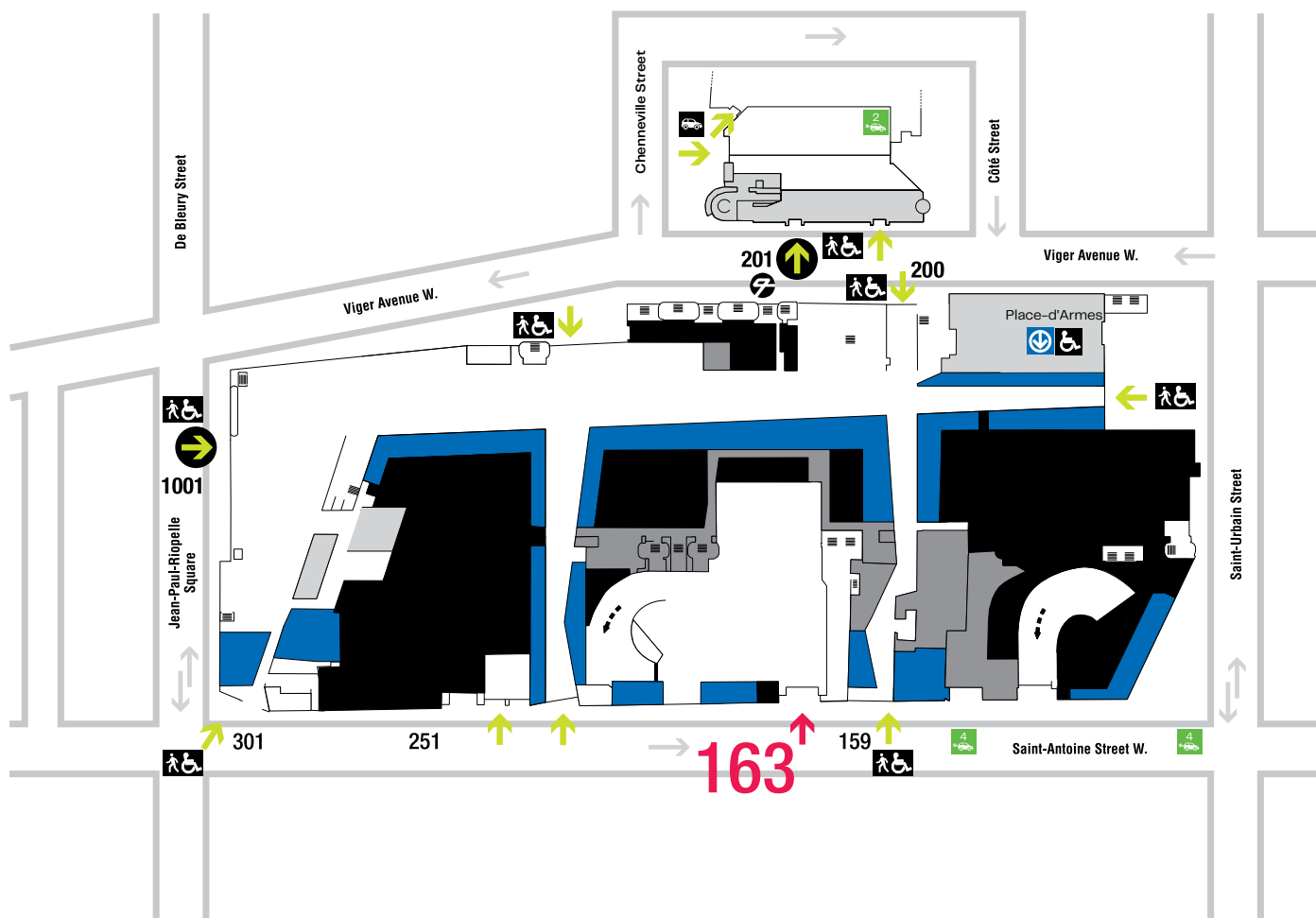
Exhibitors are also permitted to receive and unload their own shipment(s) providing a representative of their company is present to receive the shipment(s) at the time of delivery, and that they are able to unload the shipment(s) without the use of a forklift. If unable to meet these requirements, the material handling should be ordered through GES.

Note: The shipments should be delivered to the loading dock of Palais no earlier than the first day of the conference June 21, 2022. Items delivered before June 21 will not be accepted. The HI-AM Conference does not accept any responsibility or liability for loss or damage caused to the shipments due to early delivery.

Delivery address:

Palais des congrès de Montréal
Loading Dock
163, Saint-Antoine Street West
Montréal (Québec) H2Z 1X8

Loading dock:



General Information for Exhibitors (continued)

MATERIAL HANDLING BY EXHIBITORS continued

Entry Procedure During Set-up

- Upon arrival, please obtain a mandatory pass from the attendant at the loading dock.
- A maximum of 15 minutes is permitted to unload your vehicle.
- Any vehicles left at the loading dock for more than 15 minutes are subject to towing or applicable parking fees.
- To assist in transporting materials, blue trolleys are readily available at the loading dock.

Exit Procedure During Dismantle

- Smaller vehicles have exclusive and priority access to the loading dock at the start of dismantle. Trucks with trailers, cube trucks and heavier vehicles will have access thereafter.
- The doors, between Level 5 and the loading dock will remain closed until all aisle carpeting is completely removed.
- Blue trolleys will be available from the loading dock once the doors are opened.
- Empty boxes will be brought to booths by Palais des congrès de Montréal or GES personnel as promptly as possible, once the visitors have vacated the room and all aisle carpet is completely removed. Under no circumstances will exhibitors have direct access to storage facilities.
- A pass will be given to you by the attendant at the loading dock once all materials have been delivered to your booth. You must obtain this pass to have access to the loading dock with your vehicle.
- If your materials can be transported manually without the use of trolleys, it is possible to leave the premises via the exit doors or pedestrian access doors of the exhibit room.
- Blue trolleys or other heavy transport equipment are not permitted in the common or public areas of the Palais des congrès de Montréal, including the public elevators and escalators.

REGISTRATION AND PAYMENT

Registration for sponsorship opens on January 10, 2022. Visit our website on or after this date to complete and submit an Exhibit Application Form. Once received and processed, the identified contact person will receive an invoice from the University of Waterloo by email. The invoice is payable upon receipt.

Please have the following items ready before starting to fill out the Exhibit Application Form:

- A short description of your organization: Max 100 words
- Your organization logo: PNG or SVG format
- Full page advertisement (for Platinum Sponsors only): trim size 8.5"x11", bleed size 8.75"x11.25" | high-resolution PDF | all fonts and photos must be embedded | photos should be at least 300 DPI | all colour within an ad should be CMYK or grayscale, not RGB or Pantone.

CANCELLATION

There are no refunds or credits for sponsorship cancellations once payment has been received. The NSERC HI-AM Network may decide to postpone or cancel HI-AM 2022, in its sole discretion. If NSERC HI-AM Network cancels or postpones the said event, a full refund will be issued. Please note that this refund policy is not applicable to the services and goods ordered through GES or Palais.

PRIVACY POLICY

By registering for Sponsorship at HI-AM 2022, you agree to having your contact details and the contact details of your exhibit staff passed onto our event's official service supplier GES Canada Ltd. and to receiving communications from GES. You will also agree to GES taking videos and/or photographs of your displays, graphics and other exhibit properties including images which may contain your trademarks, name and logos ("Show Imagery"). GES may use Show Imagery and event name in marketing materials, such as presentations, case studies, advertising, award competitions or on GES' website, to highlight GES' work.

Technical Information and General Conditions

Rigging

Rigging is permitted only in designated areas and must be exclusively carried out by the Palais des congrès de Montréal personnel. In locations where no rigging points exist, structures or other event identificational elements must be freestanding without impacting the infrastructure.

Animals

Only service dogs for people with reduced mobility are unconditionally authorized by the Palais des congrès de Montréal. No other animal is permitted in the building without obtaining prior written consent from the appropriate authorities of the Palais des congrès de Montréal. Approval is based on the need for the presence of the animal in the context of an exhibit, activity or during a performance. If consent is granted, it is understood that the animal must remain on a leash, or in a cage depending on the circumstances, at all times. The owner must have all health and vaccination certificates of the animal in his possession.

Food and Beverage Services

Capital Traiteur Inc. is the exclusive supplier of food and beverage services at the Palais des congrès de Montréal. Exhibitors are not permitted to bring their own food and beverage on the premises during the event. Any exception must be approved by Capital Traiteur. Should you wish to serve food and beverage in your booth, all orders must be channeled through Capital Traiteur. An order form is available on the E-Commerce Portal of the Palais des congrès de Montréal: congresmtl.com/en/portail-client/

Insurance

Exhibitors must possess their own liability insurance. The Palais des congrès de Montréal and its representatives assume no responsibility for any bodily harm or damage to materials, products, equipment, booths or decorations caused by fire, water or theft, in the spaces rented or during movements within the building, whatever the cause.

Stickers

Distribution of stickers, of any kind, is strictly prohibited by the Palais des congrès de Montréal.

Balloons or confetti

The use of helium filled balloons must be pre-approved by the Palais des congrès de Montréal. Use of confetti or other similar items is forbidden. Expenses related to cleaning after the activity will be charged to the exhibitor.

Floor load capacity

For exhibits with a load capacity exceeding **488 kg/m² ou 100 lbs/pi²**, the feasibility and costs associated with the installation of protective measures must be evaluated and expenses paid by the exhibitor.

Compliance with fire regulations

Exhibitors must comply with the fire prevention regulations of the Montréal Fire Department (Service de sécurité d'incendie de Montréal). [Simplified Guide to Fire Prevention – Exhibition](#)

Alcohol consumption

To reduce the risk of accidents, no alcoholic beverages are permitted during set-up and dismantle.

Children

Children, under 16 years of age, are not permitted to assist their parents for security and insurance reasons.

Cleaning services

At the close of the exhibit each evening, garbage/trash cans should be placed in the aisles outside each booth. They will be emptied by the personnel of the Palais des congrès de Montréal. Any garbage/trash cans left inside the booths will not be emptied.

Language of communication

Exhibitors must follow the guidelines outlined by the “Charter of the French Language” and the “Regulation respecting the language of commerce and business” regarding the use of French and other languages on public signs and notices, on product labels and packaging and, if applicable on commercial advertising and publications distributed to the public. www.oqlf.gouv.qc.ca/ressources/bibliotheque/depliants/20090420_depliant5e.pdf

Technical Information and General Conditions (continued)

Noise restrictions

Should any equipment or device produce noise or odors which disrupt exhibitors or participants, the operation of such will be stopped at the promoter's discretion.

Obstruction of the premises

Exhibitors must not, at any time, obstruct the corridors, elevators, escalators, water fountains, hallways, nooks or recesses of dividing walls, digital signage screens, access to fire extinguishers, emergency exits or any other rooms of the Palais des congrès de Montréal.

Minimum clearance must be maintained as follows:

45 cm (18") from the following service locations:

- Trap doors leading to electrical and telecommunications connections (Rooms 210, 220 and 230)
- Storage closets (Rooms on Level 5)

5 cm (2") from the walls:

- Acoustic panels (Rooms on Level 5)

45 cm (18") from the walls:

- For all freestanding structures

A minimum clearance of 45 cm (18 inches) is required under the sprinkler heads of the building.

Protection of the premises

Exhibitors must take the necessary precautions to prevent any destruction or damage to the rented space or to property of other exhibitors for which they made be held responsible. All residual glue, paint or stains observed after the dismantle will be cleaned by the personnel of the Palais des congrès de Montréal at the exhibitors' expense.

Tobacco

The Palais des congrès de Montréal abides by the Government of Québec Tobacco and Vaping Control Act. It is strictly prohibited to smoke within the building. Smoking is permitted outside the building at a distance of 9 m (29' 5") from all access doors. In keeping with this law, any non-compliance will be subject to a fine.

Prize drawings and/or promotional activities

Any promotional activities must be done inside the booth and are prohibited in the aisles and corridors.

Publicity contests and prize drawings, organized by exhibitors, are completely independent of the promoter.

Exhibitors must obtain the necessary authorization from the Régie des alcools, des courses et des jeux du Québec.

For more information, please refer to the website www.racj.gouv.qc.ca.

Forklifts

Use of forklifts is prohibited in rooms with carpeting.

Use of adhesive materials

The recommended brands and models of double sided tape are:

- Polyken 105c LPDE
- Scapa 274004 or DC-W002A

The recommended brand and model of wall mounting adhesive is:

- Wall mounting tabs 3M, no 7220
- Use of any other brands or models may involve cleaning fees

Motorized vehicles

Exhibitors must comply with the fire prevention regulations of the Montréal Fire Department (Service de sécurité d'incendie de Montréal).



 @NSERC_HI_AM  @NSERC HI-AM Network

nserc-hi-am.ca
nserc-hi-am.ca/2022