IGSHPA Research
May 28-30, 2024
Polytechnique Montréal
Montréal, Canada
TABLE OF CONTENT

1.0 SCIENTIFIC PROGRAMME ............................................................................................................ 1
   Conference schedule (Day 1) – Tuesday May 28, 2024 ................................................................. 1
   Conference schedule (Day 2) – Wednesday May 29, 2024 ......................................................... 1
   Conference schedule (Day 3) – Thursday May 30, 2024 ............................................................ 2

2.0 CONFERENCE REGISTRATION ................................................................................................. 2

3.0 VENUE ..................................................................................................................................... 2

4.0 ACCOMODATION .................................................................................................................... 3

5.0 BREAKFAST, COCKTAIL AND EVENING DINNER ............................................................. 3

6.0 PRESENTER GUIDELINES ....................................................................................................... 4

7.0 ORGANIZING COMMITTEES .................................................................................................. 4
1.0 SCIENTIFIC PROGRAMME

Polytechnique Montréal will hold the 2024 IGSHPA Research Conference in Montréal, Canada from May 28-30, 2024. The following tables describe the conference schedule as of March 12, 2024.

### Conference schedule (Day 1) – Tuesday May 28, 2024

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 – 9:00</td>
<td>Breakfast</td>
<td></td>
</tr>
<tr>
<td>9:00 – 9:10</td>
<td>Plenary opening session</td>
<td></td>
</tr>
<tr>
<td>9:10 – 10:00</td>
<td>Technical Session A – One track</td>
<td>2</td>
</tr>
<tr>
<td>10:05 – 10:20</td>
<td>Coffee break</td>
<td></td>
</tr>
<tr>
<td>10:20 – 11:15</td>
<td>Technical Session B – One track</td>
<td>3</td>
</tr>
<tr>
<td>11:15 – 12:15</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>12:15 – 13:15</td>
<td>Technical Session C – One track</td>
<td>4</td>
</tr>
<tr>
<td>13:15 – 13:45</td>
<td>Coffee break</td>
<td></td>
</tr>
<tr>
<td>13:45 – 15:45</td>
<td>Technical Session D – One track</td>
<td>4</td>
</tr>
<tr>
<td>15:45 – 16:45</td>
<td>Cocktail</td>
<td></td>
</tr>
</tbody>
</table>

### Conference schedule (Day 2) – Wednesday May 29, 2024

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 – 9:00</td>
<td>Breakfast</td>
<td></td>
</tr>
<tr>
<td>9:00 – 10:05</td>
<td>Technical Session E and F – Two tracks</td>
<td>6</td>
</tr>
<tr>
<td>10:05 – 10:20</td>
<td>Coffee break</td>
<td></td>
</tr>
<tr>
<td>10:20 – 11:15</td>
<td>Technical Session G and H – Two tracks</td>
<td>6</td>
</tr>
<tr>
<td>11:15 – 12:15</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>12:15 – 13:15</td>
<td>Technical Session I – One track</td>
<td>4</td>
</tr>
<tr>
<td>13:15 – 18:00</td>
<td>Technical tour</td>
<td></td>
</tr>
<tr>
<td>18:00 – 19:00</td>
<td>Evening dinner</td>
<td></td>
</tr>
</tbody>
</table>
Conference schedule (Day 3) – Thursday May 30, 2024

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 –</td>
<td>Breakfast</td>
<td></td>
</tr>
<tr>
<td>9:30 to</td>
<td>Technical Session J and K – Two tracks</td>
<td>6 presentations</td>
</tr>
<tr>
<td>10:45 –</td>
<td>Coffee break</td>
<td></td>
</tr>
<tr>
<td>11:05 to</td>
<td>Technical Session L and M – Two tracks</td>
<td>6 presentations</td>
</tr>
<tr>
<td>12:20 –</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>13:35 to</td>
<td>Technical Session N – One track</td>
<td>4 presentations</td>
</tr>
<tr>
<td>15:15 –</td>
<td>Closing plenary session</td>
<td></td>
</tr>
</tbody>
</table>

2.0 CONFERENCE REGISTRATION

The registration fees for the conference are 400 $CAN/student and 500 $CAN/professional. These fees are in Canadian dollars and exclude applicable taxes. You can register on the following site: [https://www.eventbrite.ca/e/igshpa-montreal-research-conference-tickets-794417713767](https://www.eventbrite.ca/e/igshpa-montreal-research-conference-tickets-794417713767)

3.0 VENUE

The conference will be held at Polytechnique Montréal, one of the three largest schools of engineering in Canada, both in terms of enrolment and research activities. It is the largest francophone school of engineering in Canada with 10,000 students and 300 faculty members. The IGSHPA Research Conference will take place on the 6th floor (level 600) of the Main building of Polytechnique Montréal (See Figure 1 below). Polytechnique Montréal is located on the campus of the University of Montréal, approximately 700 m from the Université de Montréal subway. The two options to get to level 600 of the Main building are illustrated on Figure 2:

1) Climb the exterior stairs on the side of the Lassonde building. Enter through the main entrance of the Main Building. Take the escalators to level 600.

2) Enter the Lassonde Building. Climb all stairs up to level 600 (there is an elevator at the far side behind the stairs on the ground floor). Take the tunnel to the Lassonde building. Walk through the cafeteria. Take the escalators to level 600.
Arriving by metro, the closest station is Université de Montréal. Leaving the metro station, follow the instructions to Université de Montréal/Polytechnique and immediately enter the campus entrance stairs, climb the stairs and exit left towards Polytechnique. Outside, turn right and follow the path to Polytechnique’s Lassonde building.

4.0 ACCOMODATION

The hotel infrastructure near Polytechnique is limited. There are, however, many hotels downtown Montréal, which is 6-7 km away from Polytechnique. Commute time using public transit is approximately 30-35 minutes.

We recommend two areas for accommodation. The first sector is around the Place d'Armes metro station (see Figure 3 and this link: Place d'Armes metro station) and provides easy access to the tourist district of Old Montreal and its many restaurants. The second sector is located around the Peel metro station (see Figure 4 and this Peel metro station) and provides easy access to the commercial district of Ste-Catherine Street as well as its many bars and restaurants.

5.0 BREAKFAST, COCKTAIL AND EVENING DINNER

A small cocktail, included in the registration fees, will take place at the Roland Gallery after the last technical session of the 28th (Day 1).

Food, included in the registration fees, will be provided in the form of coffee and pastries in the morning, and food boxes for lunch. Special dietary needs lunches can be accommodated. Please let us know as soon as possible prior to the conference.

An evening dinner is planned in a restaurant on the evening of the 29th (Day 2, after the technical visit). Attendees will be responsible for paying their own meals.
6.0 PRESENTER GUIDELINES

The total allotted time is 25 minutes per conference paper. This includes 15 minutes of presentation by a single presenting author, 8 minutes for questions and discussions, and 2 minutes for transition between presenters. A template will be made available on the conference website.

7.0 ORGANIZING COMMITTEES

The executive scientific committee is composed of:

- Jeffrey D. Spitler, Oklahoma State University, USA
- José Acuña, Bengt-Dahlgren & KTH, Sweden
- Massimo Cimmino, Polytechnique Montréal, Canada
- Ping Cui, Shandong Jianzhu University, China
- Signhild Gehlin, Swedish GeoEnergy Center, Sweden
- Saqib Javed, Lund University, Sweden
- Xiaobing Liu, Oak Ridge National Laboratory, USA
- Philippe Pasquier, Polytechnique Montréal, Canada
- Simon Rees, University of Leeds, UK
- Andrew Stumpf, University of Illinois at Urbana-Champaign, USA

The international scientific committee is

- P. Bayer, MLU, Germany
- R. Beier, Oklahoma State University, USA
- W. Boydens, Ghent University & SWECO, Belgium
- A. Chiasson, University of Dayton, USA
- G. Hellström, NeoEnergy, Sweden
- L. Helsen, KU Leuven-Energyville, Belgium
- A. Lazzarotto , KTH, Sweden
• M. Mitchell, NREL, USA
• H.Ö. Paksoy, Cukurova University, Turkey
• J. Raymond, INRS, Canada
• R. Curtis, GeoScience, UK
• H. Yang, HKPU, China
• G. Zhang, Hunan University, China
• K. Zhu, Shandong Architectural University, China

The local organizing committee of Polytechnique Montréal is composed:

• Gabrielle Beaudry, Research Associate
• Alexandre Courchesne, Research Associate
• Gabriel Dion, Research Associate
• Massimo Cimmino, Professor
• Philipe Pasquier, Professor
Figure 1: The IGSHPA Research Conference will take place in the level 600 of the Main building.
Figure 2: The IGSHPA Research Conference will take place in the Main building (1).
Figure 3: Hotels located around the Place-d’Armes metro station.
Figure 4: Hotels located around the Peel metro station.