

WESTERN 2024 ENGINEERING COMPETITION



**Delegate
Package**

WINNIPEG, MB

January 26 - 29th, 2024

LAND ACKNOWLEDGEMENT

We would like to respectfully acknowledge that the Western Engineering Competition 2024 will be held on Treaty 1 territory, the traditional lands of the Anishinaabeg, Cree, Oji-Cree, Dakota, and Dene Peoples, and the homeland of the Métis Nation.

These lands carry deep cultural heritage and histories of Indigenous communities. As participants of this competition, we expect everyone to recognize the importance of honoring these lands and pledge to create an inclusive space that appreciates Indigenous knowledge, perspectives, and contributions.

For more information about truth and reconciliation, we encourage you to learn more through the National Centre for Truth and Reconciliation at <https://nctr.ca/> or by visiting them on the University of Manitoba campus at Chancellor's Hall, 177 Dysart Road.

If you are looking for more supports regarding indigenous resources during your visit to the University of Manitoba, please visit <https://umanitoba.ca/indigenous/>.

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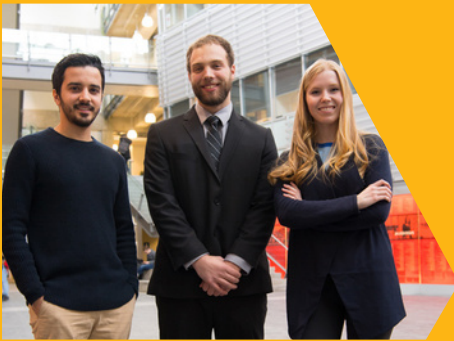
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WELCOME FROM THE DEAN

It is my pleasure to welcome delegates to the 2024 Western Engineering Competition at the Price Faculty of Engineering, University of Manitoba. It is our pleasure to host you again!

It is also our privilege to participate in hosting an event that carries the history of the WEC and an event that becomes a defining memory for many students' engineering studies. The knowledge and skills that are manifest across the various competition themes and the leadership and teamwork evident during the event bode well for the engineering profession! I am also grateful to the University of Manitoba Engineering Society for taking on the organizational task.

While here, I hope you also have an opportunity to see a bit of our campus and our winter city of Winnipeg and to consider whether the Price Faculty of Engineering is a fit for you for graduate studies. We offer six graduate programs and many sub-specialties. With world- class researchers, excellent facilities, and unique geographical features such as access to the Arctic, we offer opportunities to set yourself up for being a change-maker in a world facing complex challenges and needing value-based, technical leadership. Learn more about our programs through [this link](#).

Once again, welcome to the Price Faculty of Engineering and welcome to Winnipeg, and I wish you every success at WEC 2024.

Sincerely,
Marcia Friesen, P.Eng., Ph.D.,
Dean, Price Faculty of Engineering



WEC 2024 MAIN CONTACTS



Tim Veldhuis (he/him)

Co-Chair, Head of Competitions

vse@umes.mb.ca

(204) 770 5297

Call or text in case of urgent conference matter.
Please identify yourself with your name and school.



Simran Gill (she/her)

Co-Chair

wec@wesst.ca

EMERGENCY CONTACTS

Winnipeg Emergency Services: 911

Campus Security: (204) 474 9341



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TRANSPORTATION, ARRIVALS & CHECK IN

Check in is located at the Holiday Inn Winnipeg-South located at 1330 Pembina Highway, beginning at 12PM until 4PM CST.

To reach the hotel from the airport, you have several options: you may use a taxi or a ride sharing app. These options add up to roughly 20 minutes of travel time. Your third option is public transit, which will take approximately 1 hour. Keep in mind Winnipeg Transit implements a \$3.25 cash fare.

Please be prepared to arrive at the hotel by 4PM on January 26th. Once you have arrived at the conference, we'll have buses available for all your transportation needs.

Remember to be respectful of hotel policy and mindful of other guests enjoying their stays at the hotel!



WEC 2024 SCHEDULE

	Friday	Saturday	Sunday	Monday	
8:00		Travel to Campus	Travel to Campus	Departures	
8:30		Breakfast	Breakfast		
9:00					
9:30		Welcome to WEC	Competitions		
10:00		Briefings			
10:30					
11:00		Competitions			
11:30					
12:00	Check in to Hotel	Competitions	Staggered Lunches / Career Fair		
12:30					
13:00					
13:30					
14:00		Competitions	Competitions / Career Fair		
14:30					
15:00					
15:30					
16:00		Competitions	Break		
16:30	EDI Training				
17:00	Travel		Gala and Awards		
17:30					
18:00	Beach Volleyball Center	Dinner			
18:30					
19:00					
19:30					
20:00		VW's Social Club & IQ's			
20:30					
21:00					
21:30					
22:00					
22:30 - 1:00					



Promoting innovation for over 143 years

We are proud to sponsor the 2024 Western Engineering Competition at the University of Manitoba where diverse people and experiences, cultures and beliefs, and traditions and innovation come together.

We welcome you and wish you an awesome event!

Interested in developing revolutionary products used by
all Canadians?
See us at the Bell Booth & go to jobs.bce.ca

MAP

The events that will be taking place over the weekend will be located in the EITC buildings. →

Notable areas, such as E3-270, the EITC Atrium and UMES can be found outlined in red below.



Engineering & Information Technology Complex

100 Level (Basement)

- 1 Access to tunnels and E2-100 classrooms
- 2 SP-129 Donald K. Johnson Student Lounge

200 Level (Ground Level)

- 3 E3-270 Bell MTS Lecture Theatre
- 4 EITC Atrium
- 5 E2-229 Engineering Design Studio
- 6 E2-262 Student Services
- 7 E2-290 Office of the Dean
- 8 E2-292 Donald K. Johnson Student Centre (UMES)
- 9 E2-294 Doug Ruth Student Lounge
- 10 E1-221 Open Student Space
- 11 Doug Ruth Laneway
- 12 SP-224 Price Innovation & Prototyping Centre

300 Level

- 13 SP-347 Co-op /IIP Office
- 14 E3-360 Library (under renovations)
- 15 Department Offices:
 - 15 E1-368 Civil
 - 16 E2-327 Mechanical
 - 17 E2-376 Biosystems
 - 18 E2-390 Electrical & Computer

400 Level

- 19 E2-442 Engineering Access Program (ENGAP)



A full size map of EITC can be found [here](#) along with a map of the University of Manitoba [here](#).

PLACES TO VISIT

THE FORKS



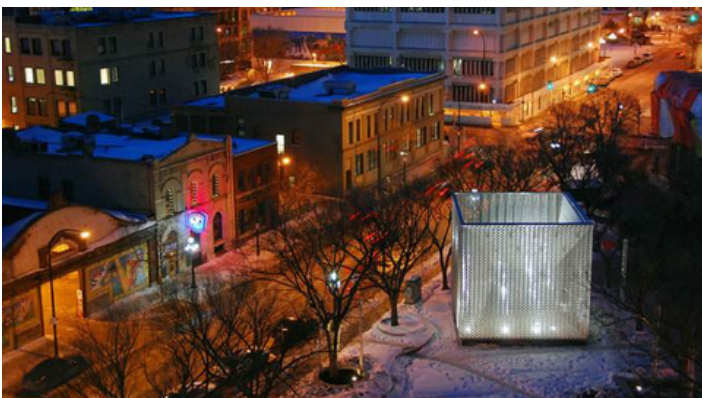
While not actually a fork in the river, but a junction where the Red and Assiniboine Rivers meet, the Forks has been a meeting place for over 6000 years. Today, it's your go-to spot for delicious bites, stunning art, and a scenic 6 km stroll along the Nestaweya River Trail.

THE CANADIAN MUSEUM FOR HUMAN RIGHTS



Venture on a captivating journey through hauntingly inspirational stories all housed in a stunning building. A must-visit in Winnipeg, and the only national museum in Western Canada, bridging the past to shape our future.

THE EXCHANGE DISTRICT



Get a sense of Winnipeg's rich past and vibrant present. Experience stunning architecture, unique shops, and top-notch restaurants and bars. Also featuring one of your co-chair's favourite Winnipeg pubs, the King's Head, located right on Old Market Square.

PACKING LIST

CLOTHING

Friday: Casual/school swag + beach volleyball

Dress for comfort (and sand). Shoes are not required.

Saturday: Business casual (day) + School swag (night)

If you are presenting, please dress business casual. If not, dress casual, but tasteful. School swag is encouraged in the evening!

Sunday: Business casual (day) + formal clothing (gala)

Business casual please. For the gala, please keep it formal. Express yourself! Dressy clothing such as dress pants, blazers, suits, dresses, skirts, etc. are options.

OTHER ITEMS

- Warm clothing; it is in Winnipeg after all
 - e.g., winter coat, mittens, hats, boots, etc.
- Electronics such as cellphones, laptops, headphones, chargers, etc.
- Government-issued ID
 - e.g., driver's license, passport
- Backpacks/bags to carry items all day
- Water bottle(s) - stay hydrated!
- Competition materials
- Money for snacks, drinks and extra merch

COMMUNICATION

Discord will be the primary form of communication for the Conference and Competitions. Please make sure you are on the Discord (link found [here](#)) before arriving at WEC 2024.

I'll fix this later or u can if u feel obliged



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FOOD

We have some wonderful local food lined up for you at WEC, which includes the following...

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NIGHT EVENTS

NIGHT 1 - BEACH VOLLEYBALL CENTRE

Get ready to play beach volleyball, dodgeball and other fun games! Dinner will be provided and there is a bar available for BEvERages. This will surely be a great night of meeting new friends and to establish friendly rivalries. The keyword is friendly there. I mean it.

NIGHT 2 - VW's SOCIAL CLUB & IQ's

Unwind after competitions! On campus, you will have two venues to choose from:

- IQs is campus' very own billiards hall that also has board games, foosball and ping pong
- VW's is our esteemed campus bar that many of the OC have cried at after exams. They are to host yet another gaggle of engineers unwinding from a long day of work here at WEC 2024.

NIGHT 3 - AWARDS & GALA

Of course, we need to celebrate the end of an awesome weekend. Good food, good vibes, the final debate, and awards to all the winners. The gala will be a great coda on an excellent weekend.

IRC

The Incident Response Committee (IRC) is a committee formed by WESST and the Organizing Committee to ensure that WEC 2024 is a safe and welcoming space for everyone.

The primary goal of the IRC is to ensure that a safe and inclusive environment is maintained at WEC 2024, with the express mandate to investigate and attempt to resolve any reported issues that occur throughout the conference.

The IRC is not a replacement for emergency services. If you believe there is an emergency, please call 911.

WE CAN'T WAIT TO SEE YOU AT WEC 2024!



WESTERN 2024
**ENGINEERING
COMPETITION**