

# 6th International Workshop on New Photon Detectors (PD24)

Harbour Centre, Vancouver (BC), Canada

G. Gallina

*Princeton University, TRIUMF*

M. A. Sabia

*Sapienza, INFN*

11/19/2024

TRIUMF

Princeton  
Physics

PD24

SFU SIMON FRASER  
UNIVERSITY

G S GRAN SASSO  
S I SCIENCE INSTITUTE  
SCHOOL OF ALLIANCE STUDIES

6th International Workshop on New Photon-Detectors  
Simon Fraser University - Harbour Centre, Vancouver (CA)  
Nov. 19-21, 2024

- Recent progress and new developments in photon-detectors such as SiPMs, MCPs, APDs, PMTs, Hybrid PMTs and digital photon-sensors
- Front-end, DAQ and trigger electronics
- Applications in particle and astroparticle physics, nuclear physics, nuclear medicine and industry

#### International Advisory Committee

G. Collazuol (Univ. of Padova)  
Y. Musienko (Univ. of Notre Dame, CERN)  
N. Otte (Georgia Institute of Technology)  
A. Para (FNAL)  
V. Puill (IJCLab, Orsay)  
A. Romano (Univ. of Birmingham)  
F. Sefkow (DESY)  
Q. Sen (IHEP, CAS)  
T. Takeshita (Shinsu University)  
J.C. Vanel (LPICM, Ecole Polytechnique)  
M. Yokoyama (Univ. of Tokyo)

#### Organizing Committee

F. Retiere (TRIUMF, Chair)  
G. Gallina (TRIUMF, Princeton Univ., Co-Chair)  
D. Grant (SFU)  
H. Lewis (TRIUMF)  
K. Raymond (TRIUMF)  
M. A. Sabia (TRIUMF, Sapienza)  
F. Shi (TRIUMF)  
R. Underwood (TRIUMF)  
P. Agnes (GSSI)  
P. Organtini (Princeton Univ.)  
A. Jamil (Princeton Univ.)

Abstract and Registration  
(Indico Page):



# PD24 in a nutshell

- First iteration since the Covid Pandemic and after the latest iteration (**PD18**)
- 100+ participants
- 76 abstract submitted
- 14 sessions divided by topics

Colliders

Astroparticle, Astrophysics & Astronomy

Digital Photosensors

Cryogenic & Noble Liquid Detectors

Timing

Applications

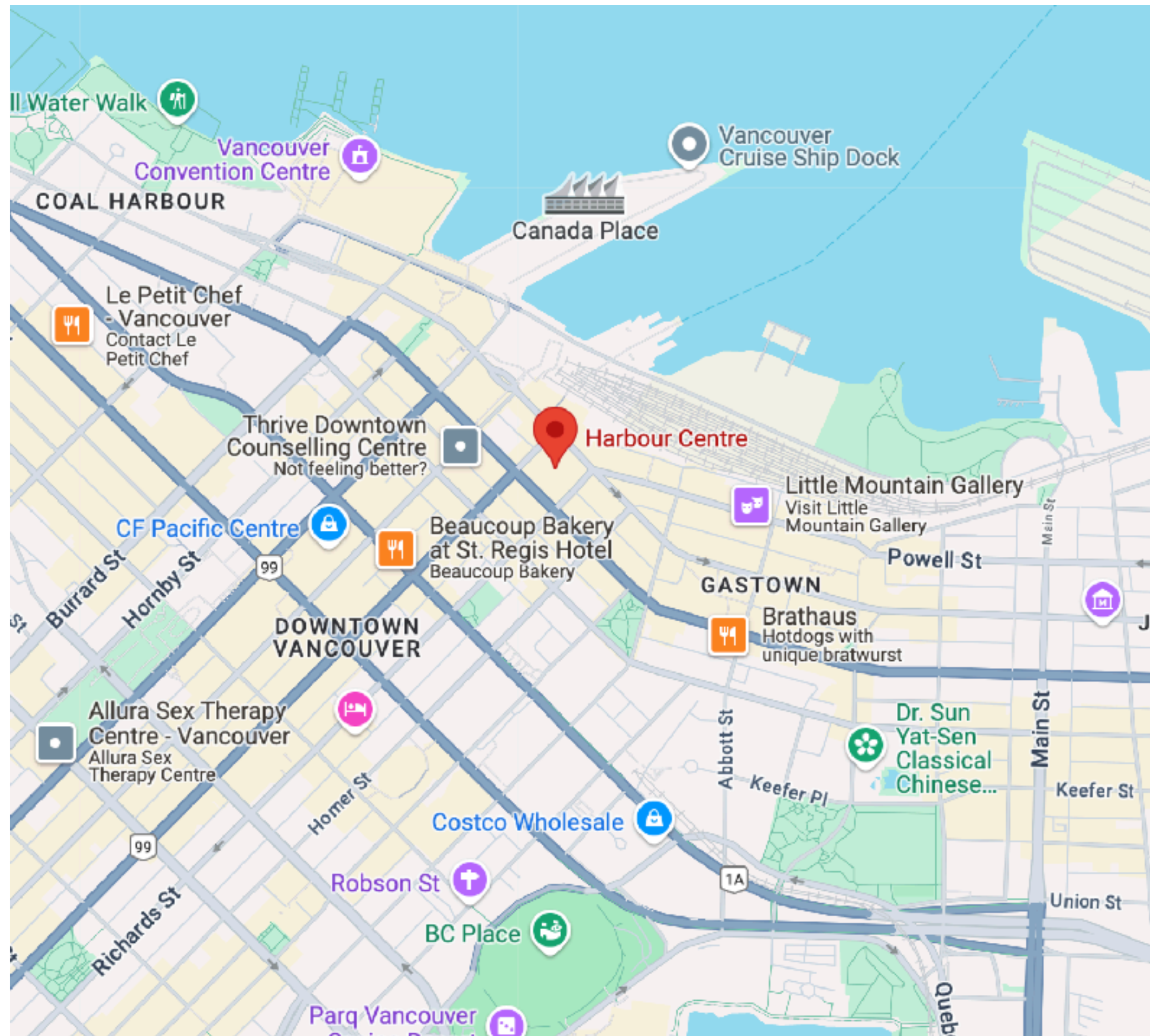
Poster Sessions



Contact  
pd18@hep.phys.s.u-tokyo.ac.jp  
For more information  
<http://www-conf.kek.jp/PD18>

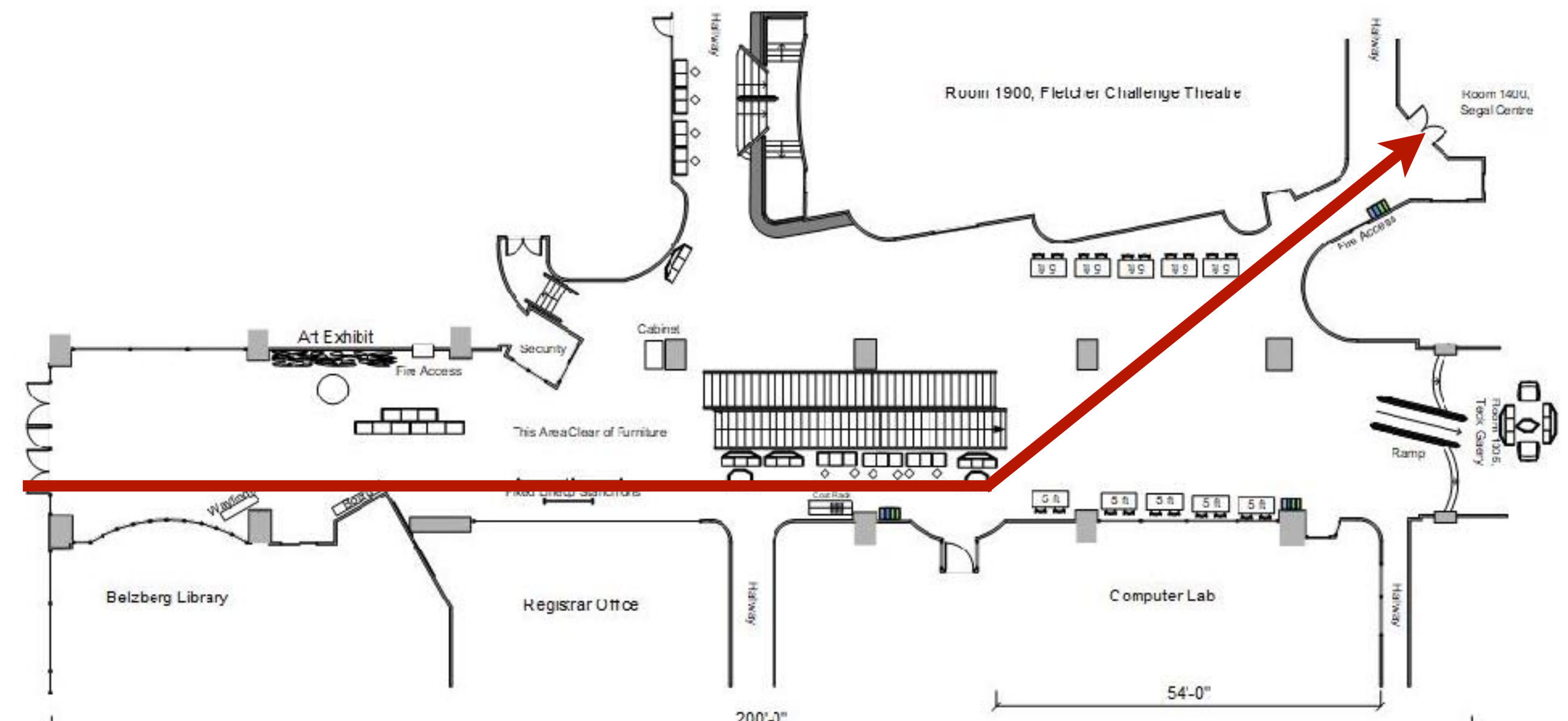


# Conference Location



The conference will take place at Harbour Centre  
(515 West Hastings Street, Vancouver, BC V6B  
5K3)

Ground Floor, Rooms 1400-1430



# Wifi Internet Connection

Please use eduroam if your institution supports that !

Otherwise..

1) Connect to SFUNET Wireless Network

2) Open ANY web page

3) Enter Credentials Below:

Your Account ID: LW6579

Your Password: HCwifi2024

Check panels in the room !

# Invited Speaker & Int. Commette

## Plenary Invited Speakers

- Alberto Dalla Mora (*Politecnico di Milano - Dipartimento di Fisica*).
- Massimiliano Fiorini (*Universita' degli Studi di Ferrara*).
- Sen Qian (*Institute of High Energy Physics, Chinese Academy of Sciences*).
- Roxanne Guennette (*The University of Manchester*).
- Junqi Xie (*Argonne National Laboratory*).
- Shiva Abbaszadeh (*University of California, Santa Cruz*).
- Alberto Gola (*FBK*).
- Yuri Musienko (*Univ. of Notre Dame, CERN*).
- Mitchell Wayne (*Univ. of Notre Dame*).
- Peter Fischer (*Universität Heidelberg*).
- Gabriel Lassard (*Universite' de Sherbrooke*).
- Paul M Rubinov (*Fermilab*).

## Photoelectronic Invited Speakers

- Molly Watts (*Yale University*), *nEXO*.
- Giuseppe Matteucci (*Universita' degli Studi di Napoli Federico II*), *DarkSide-20k*.
- Albert Baker (*King's College London*), *LZ*.
- Nicola D'Ascenzo (*Huazhong University of Science and Technology*)



# Industrial Partner

## Industrial Partner

- Lao Hui, Yuexuan Hua (RAYQUANT Technology Co., Ltd)
- Marco Locatelli (CAEN)
- Shayan Gaeni (Testforce)
- Ardavan Ghassemi (Hamamatsu)



***Visit their booths & listen to their talks !***

***Monday 4..40 pm PT***

***testforce***

**HAMAMATSU**

PHOTON IS OUR BUSINESS

# Instruct. for posters & speakers

## Poster presentation

- The format for the poster presentation is **A0 vertical**.
- The panels measure width: 100 cm x height: 120 cm.

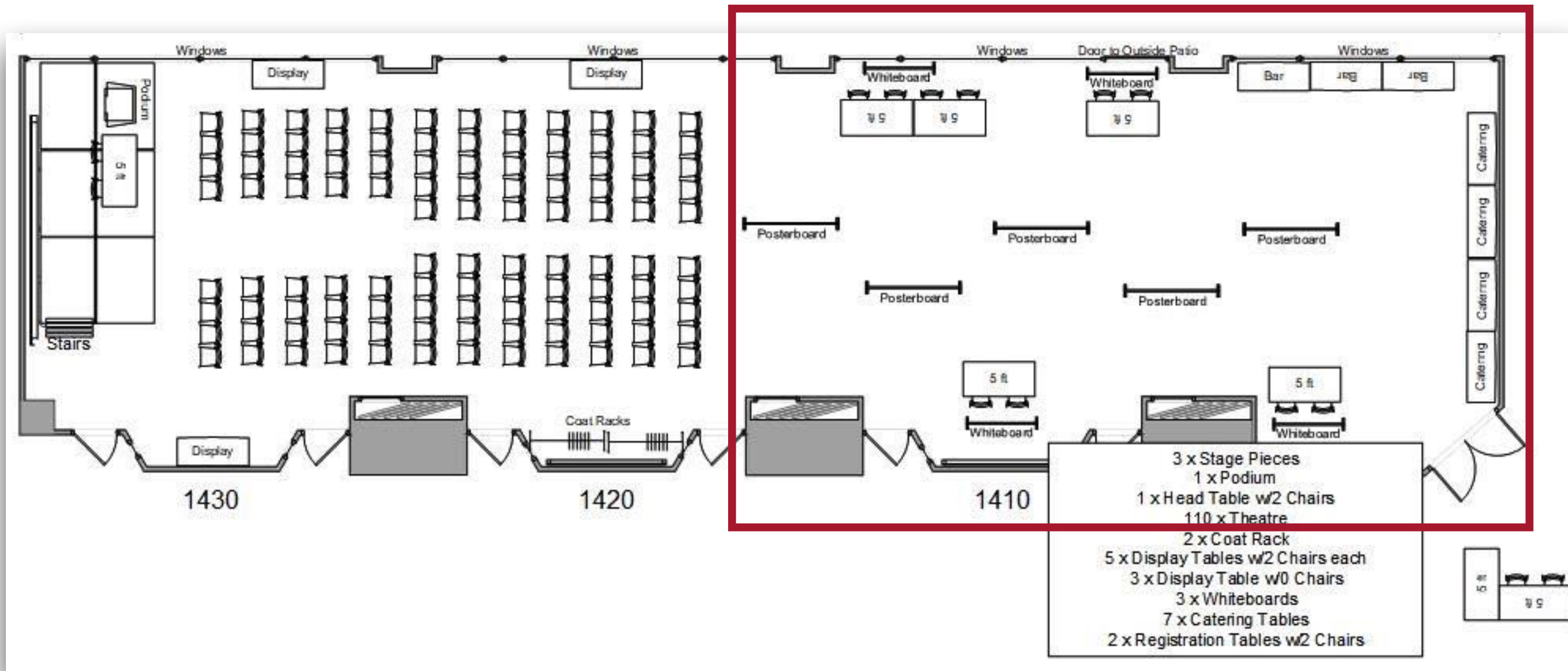
## Oral presentation

- **Invited** talks are scheduled for **20 minutes**, followed by **5 minutes** for questions.
- **Regular** talks are scheduled for **15 minutes**, with an additional **5 minutes** for questions.
- Please upload your slides by the evening before your presentation (e.g., for a Nov. 19 talk (today), upload by Nov. 18 (yesterday..)). (PDF format is preferred)
- If you experience any issues uploading, reach out for support (Please note that to upload your slides, you'll need to log in to Indico using the same email address provided during your abstract submission)



***Please stay on time !***

# Poster Session !!



Poster session starting **tomorrow** (**11/20**) at 6:20 pm

A light dinner will be served during the session

**Poster Setup Deadline:** Please ensure that your poster is affixed to the designated board **by 1:00 PM today**

Pins, tape or other necessary tools for attaching your poster will be available at the venue

**Note:** A welcome toast will be provided during this event. Please remember that alcohol consumption is **prohibited** outside of the conference room.



# Poster & Talk Award Competition

## CERTIFICATE — OF AWARDS —

This proudly certificate is awarded to

.....

Winner of the 6th International Workshop of New Photon  
Detection (PD24) Poster Competition

Fabrice Retière  
Chair



## CERTIFICATE — OF AWARDS —

This proudly certificate is awarded to

.....

Winner of the 6th International Workshop of New Photon  
Detection (PD24) Oral Talk Competition

Fabrice Retière  
Chair

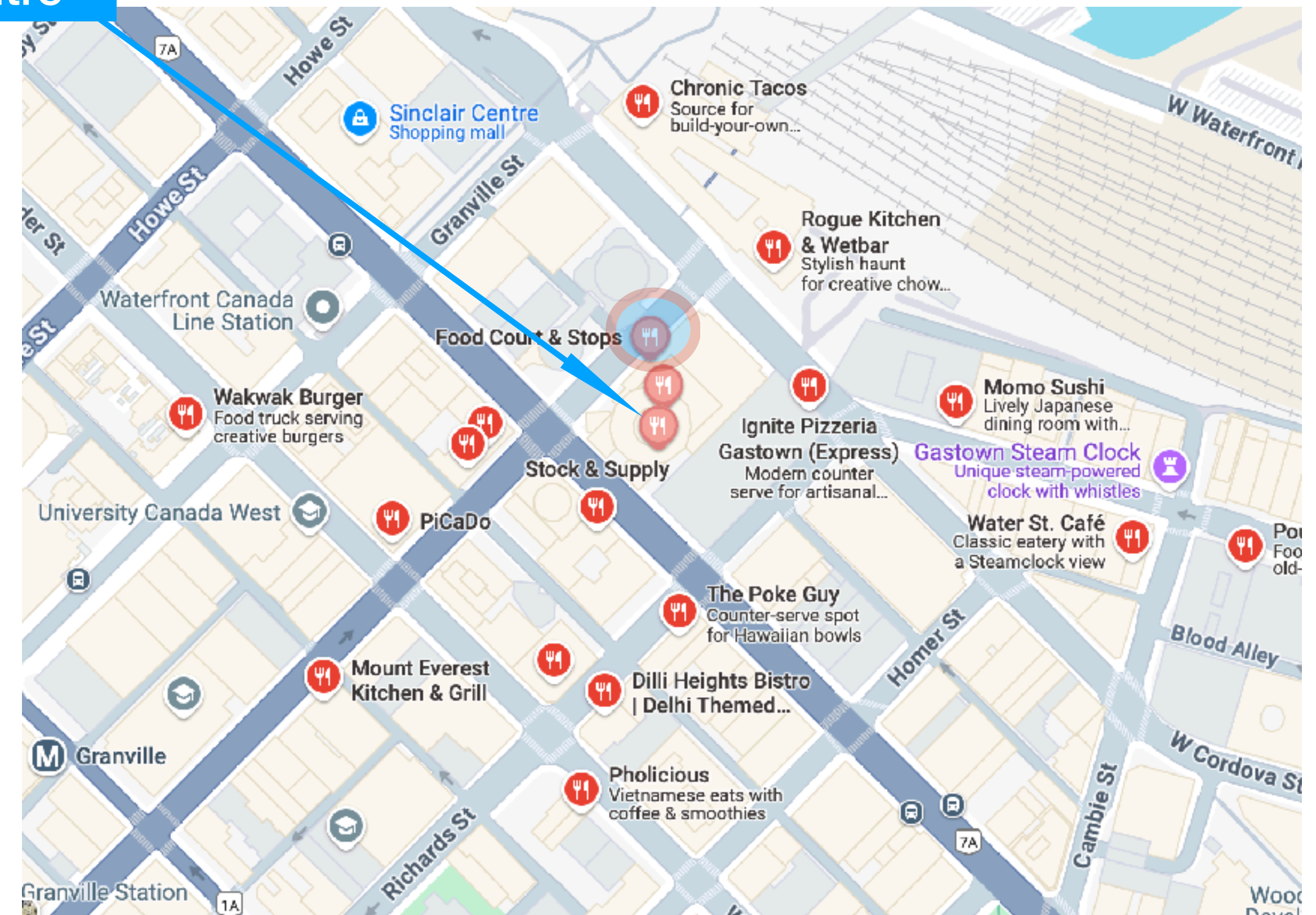


# Lunch Break & Conference Photo

## Harbour Centre

### Lunch Breaks

- There are countless options to explore—feel free to pick whatever appeals to you most! Vancouver is renowned for its international cuisine, offering flavors from around the world.
- There's also a food court just below the Harbour Centre.



The conference photo will take place on Nov. 20 before lunch time (~12.30 pm).

**Don't run away !**

# Conference Dinner (1) !!

- 📅 **Date:** **Tuesday, November 19, 2024**  
**(Today!)**
- 🕒 **Time:** 7:00 PM
- 📍 **Location:** Cuchillo Restaurant, 261 Powell St, Vancouver, BC V6A 2Z1
- 💳 **Important:** Each attendee will pay directly at the restaurant. The estimated cost is CAD \$50 + 5% tax + 18% gratuity, covering a six-course meal plus dessert.



**We look forward to seeing you there!**

# Conference Dinner (2)

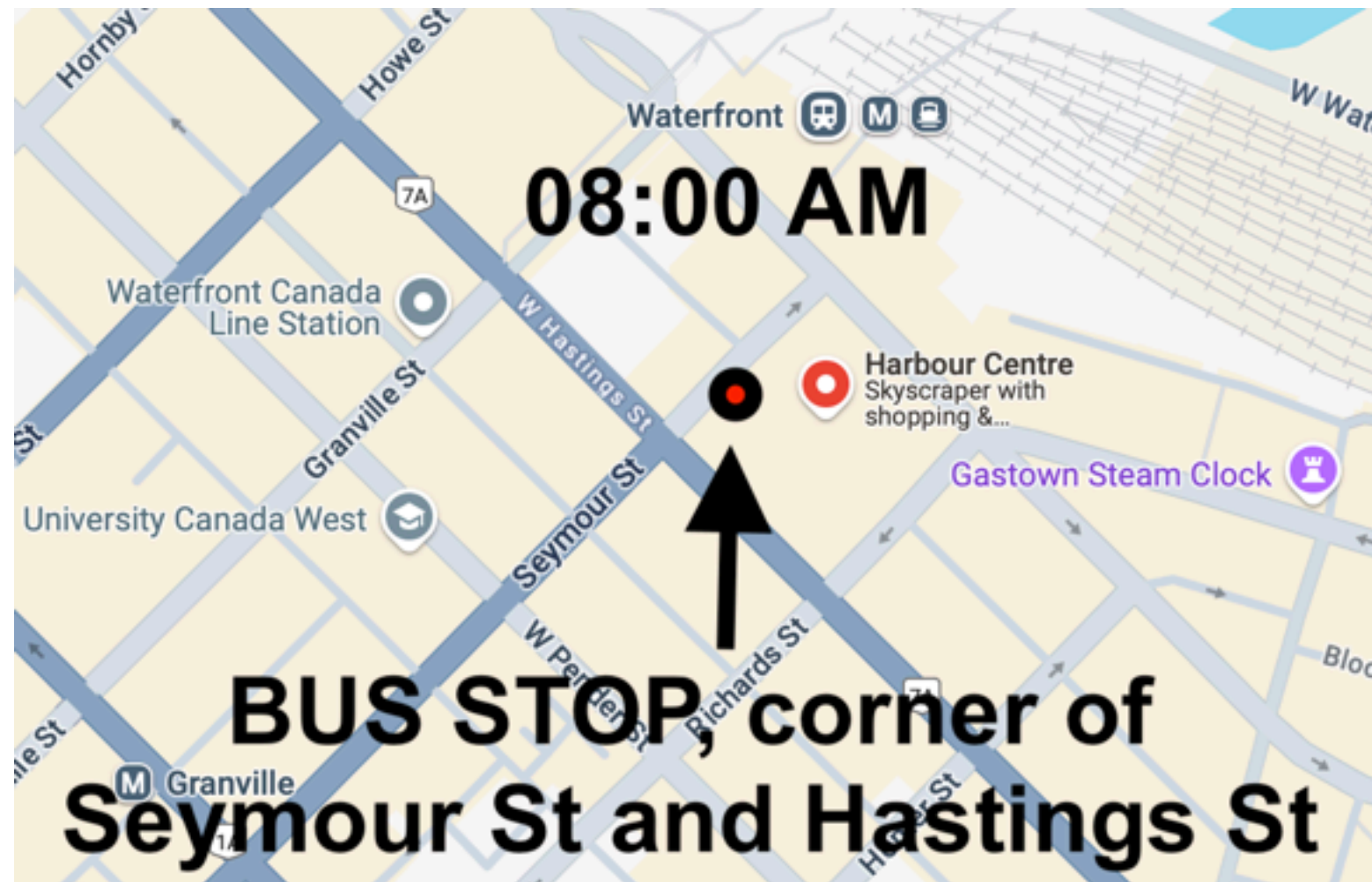
How to reach Cuchillo?

- A pleasant 15-minute walk from the conference venue (*suggest route on map*)
- Bus (Suggested App: *Google Maps, Transit*)
- Uber



**Note:** *Hastings St. & Main is a neighborhood where many members of the local homeless community reside. While most people are friendly and non-confrontational, we recommend that attendees, particularly those walking alone, consider other routes for added the conference dinner.*

# TRIUMF Tour



A guided tour with an English-speaking guide will take place on the 22nd of November 2024 at 09:00.

The visit will last 75-90 minutes.

A bus will depart from Harbour Center at 8:15 (35 min to go to TRIUMF) and will depart again at 11:00 from TRIUMF to HC





**Thanks!**

**Contacts:**  
[infopd24@triumf.ca](mailto:infopd24@triumf.ca)