

Vancouver's Bid to Host TIPP in 2020

P. Giampa



TIPP in Vancouver in a nutshell



- Host: TRIUMF
- Location: Vancouver downtown
- Timing: May or June 2020
- Technical Excursion to TRIUMF
- Many social excursions possible

Grouse

Downtown

Stanley Park

English bay

UBC

TRIUMF



Canada's National Lab for Particle and Nuclear Physics

Particle physics instrumentation at TRIUMF and Vancouver area

- ATLAS (LAr calorimeter, thin gap chamber, ITK)
- BABAR and BELLE2
- T2K
- nEXO and SNO+ (double beta decay)
- DEAP-3600 and SuperCDMS (Direct dark matter)
- Pienu, NA62, g-2 at JPARC
- Ultra cold neutron (at TRIUMF)
- ALPHA (anti-hydrogen apparatus at CERN)



Canada's National Lab for Particle and Nuclear Physics

Selected TRIUMF conferences:

APS DNP 2016

~500 delegates <http://dnp2016.triumf.ca/index.html>

CYC 2013

<http://cyc13.triumf.ca/venue.html>

PAC 1985, 1997, 2009

(Particle Accelerator Conference, ca 1000 delegates)

ICHEP 1998

(International Conference on High Energy Physics, ca 900 delegates)

LINAC08 2008

(Linear Collider Conference, ca 400 delegates)

EMIS14 2002

(ElectroMagnetic Isotope Separators, ca 200 delegates)

TIGRESS

Vancouver Convention Hotels

0-15 Minute Walk

6,000 rooms

15-20 Minute Walk

7,200 rooms

20-30 Minute Walk

7,500 rooms



Sheraton Wall center used for DNP 2016
Current estimate for registration fees ~600C\$

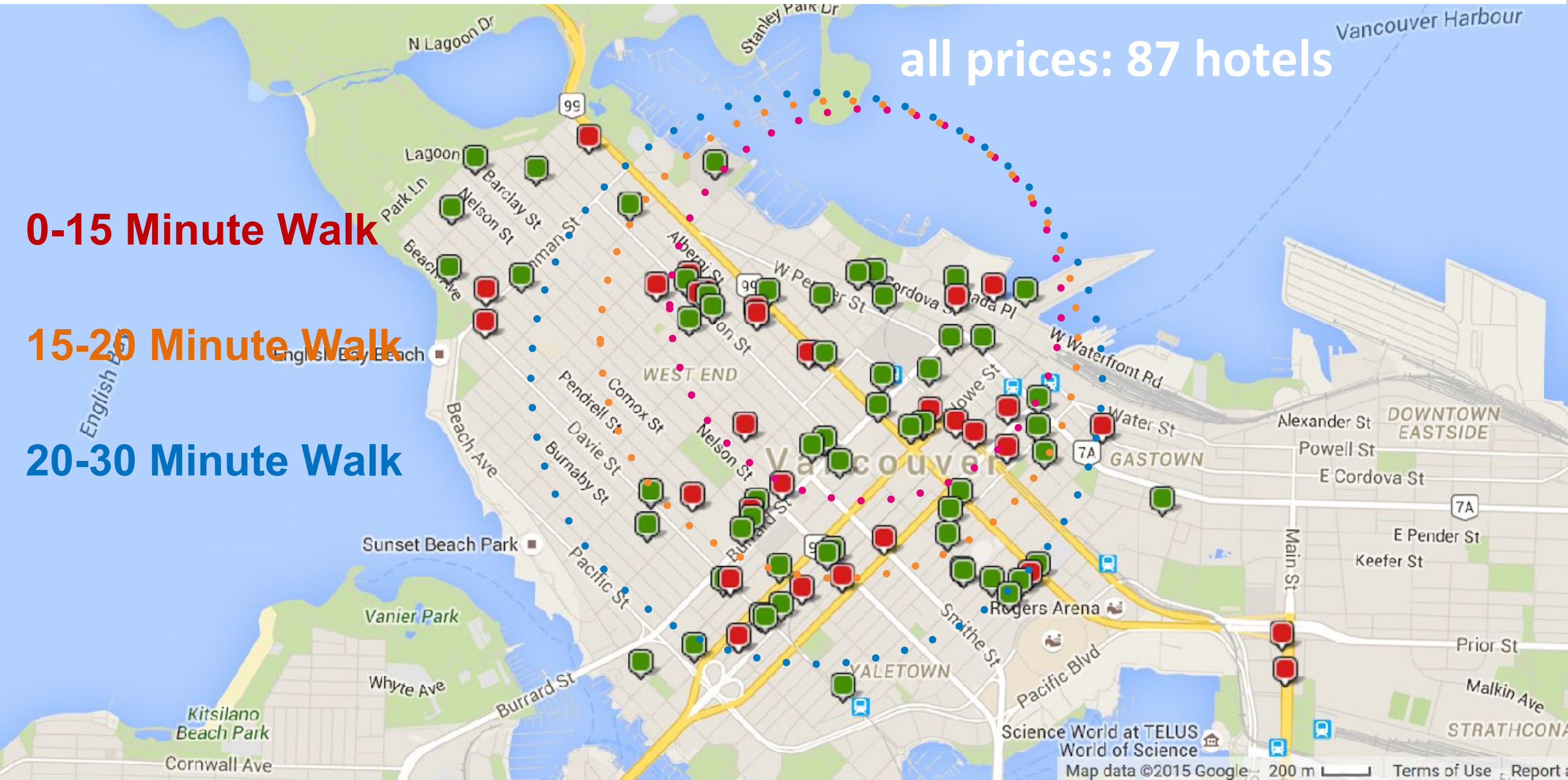
Downtown Vancouver Hotels

all prices: 87 hotels

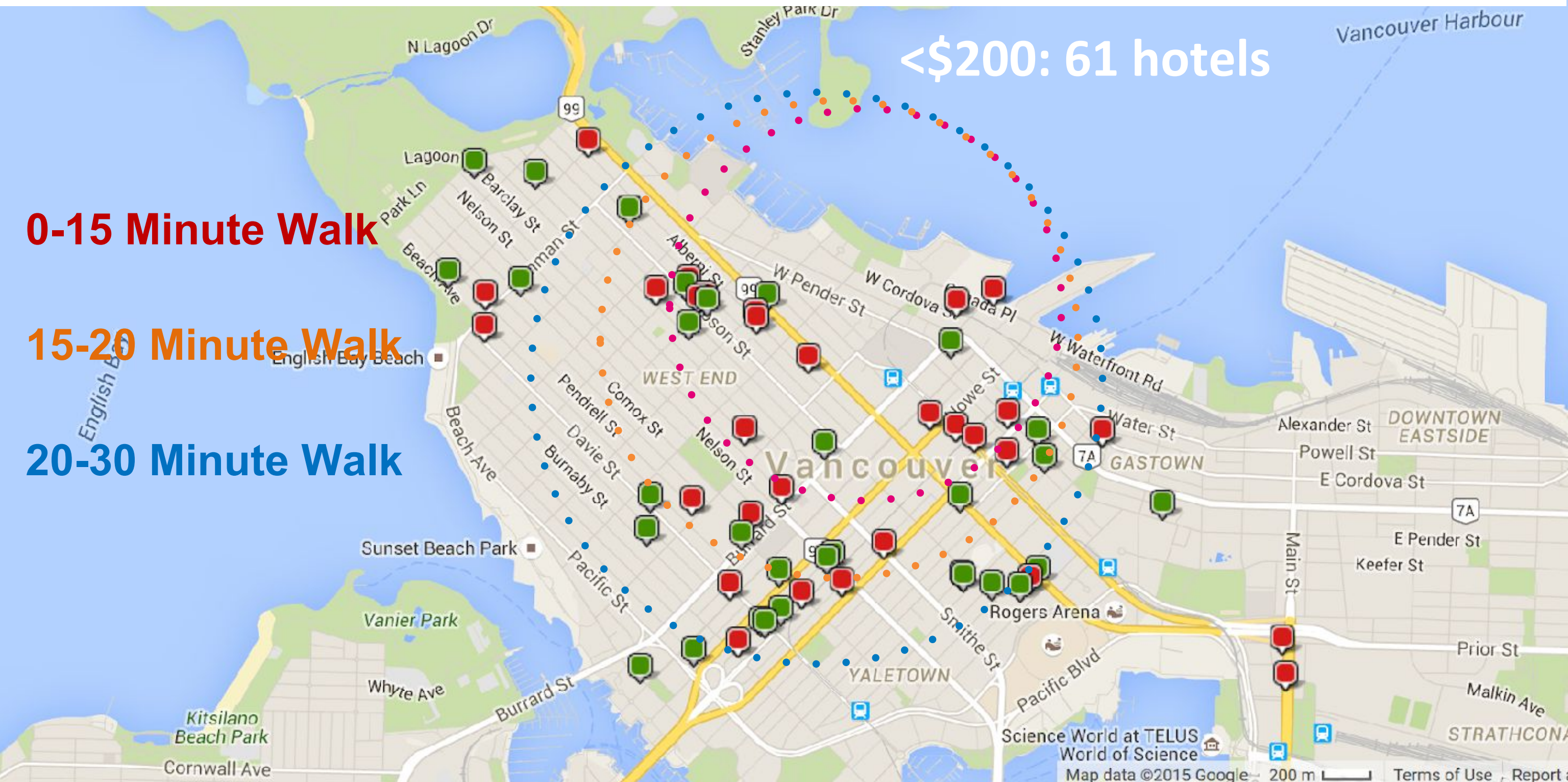
0-15 Minute Walk

15-20 Minute Walk

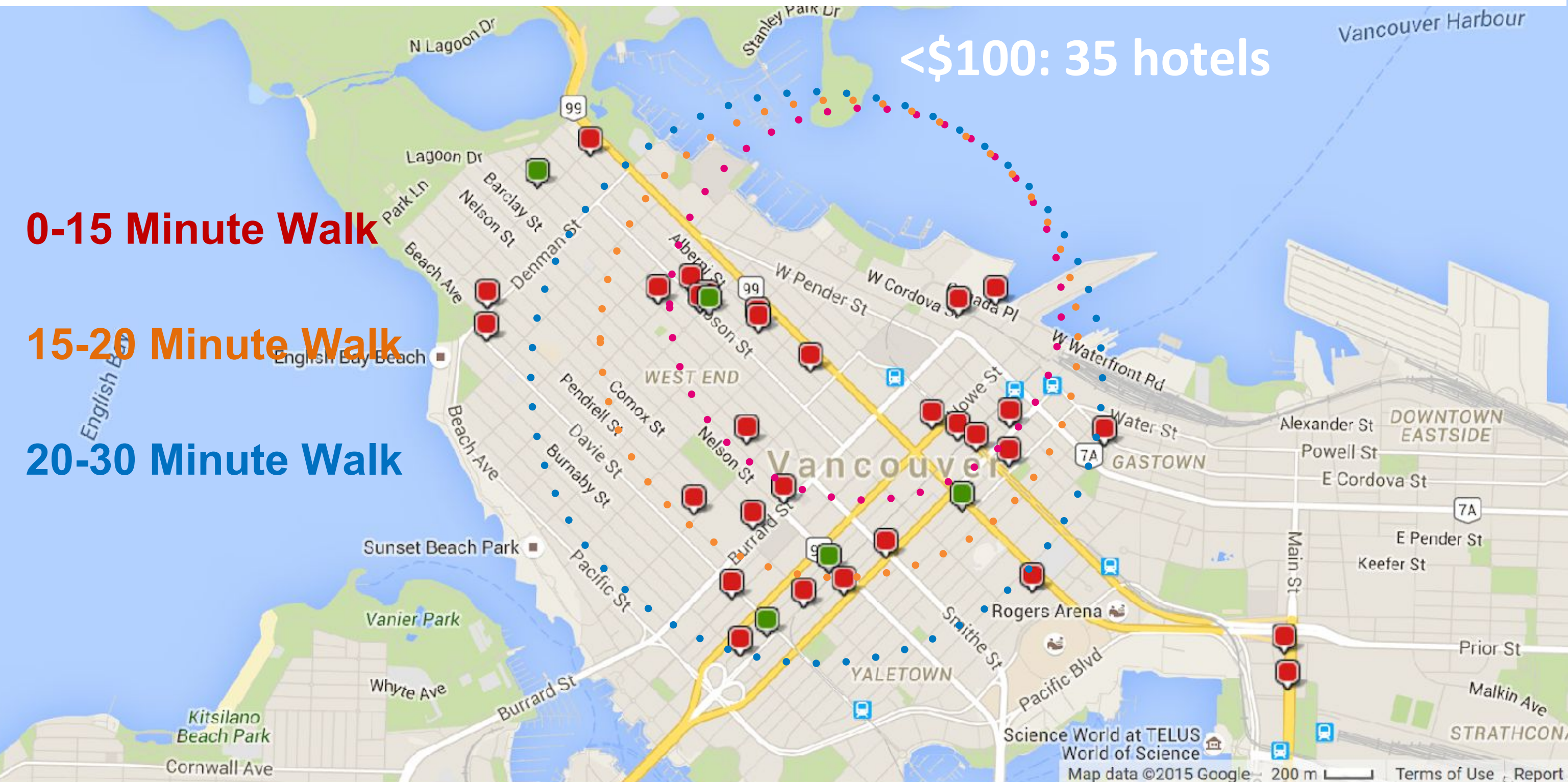
20-30 Minute Walk



Downtown Vancouver Hotels



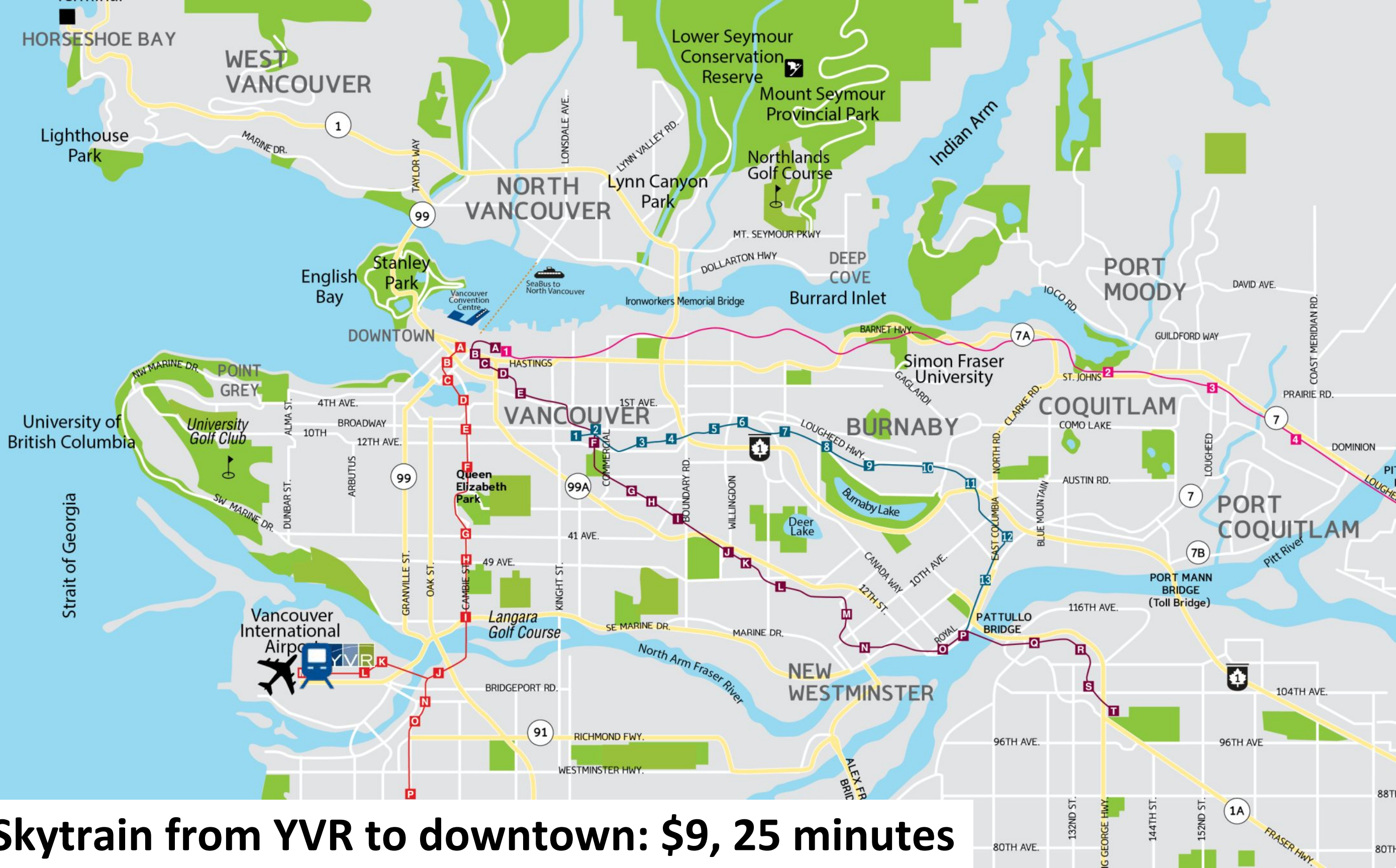
Downtown Vancouver Hotels



1 Mile or 1.6 KM 30 Minute Walk



But denser than Manhattan...



Skytrain from YVR to downtown: \$9, 25 minutes



Non-Stop Flying Times
to Vancouver

| | |
|-----------|-----------------|
| Auckland | 13 hrs. 15 min. |
| Beijing | 10 hrs. 40 min. |
| Frankfurt | 10 hrs. 25 min. |
| Hong Kong | 11 hrs. 30 min. |
| London | 9 hrs. 35 min. |
| Tokyo | 8 hrs. 30 min. |
| Shanghai | 10 hrs. 35 min. |
| Sydney | 14 hrs. |

... close to
everywhere...

Vancouver. Mild climate

| | <i>May</i> | <i>June</i> |
|-------------------------|-------------|-------------|
| Daily High: | 17°C / 64°F | 20°C / 68°F |
| Hrs of Daylight: | 15.5 | 16 |

Vancouver attractions



Science World



Capilano
Suspension
Bridge

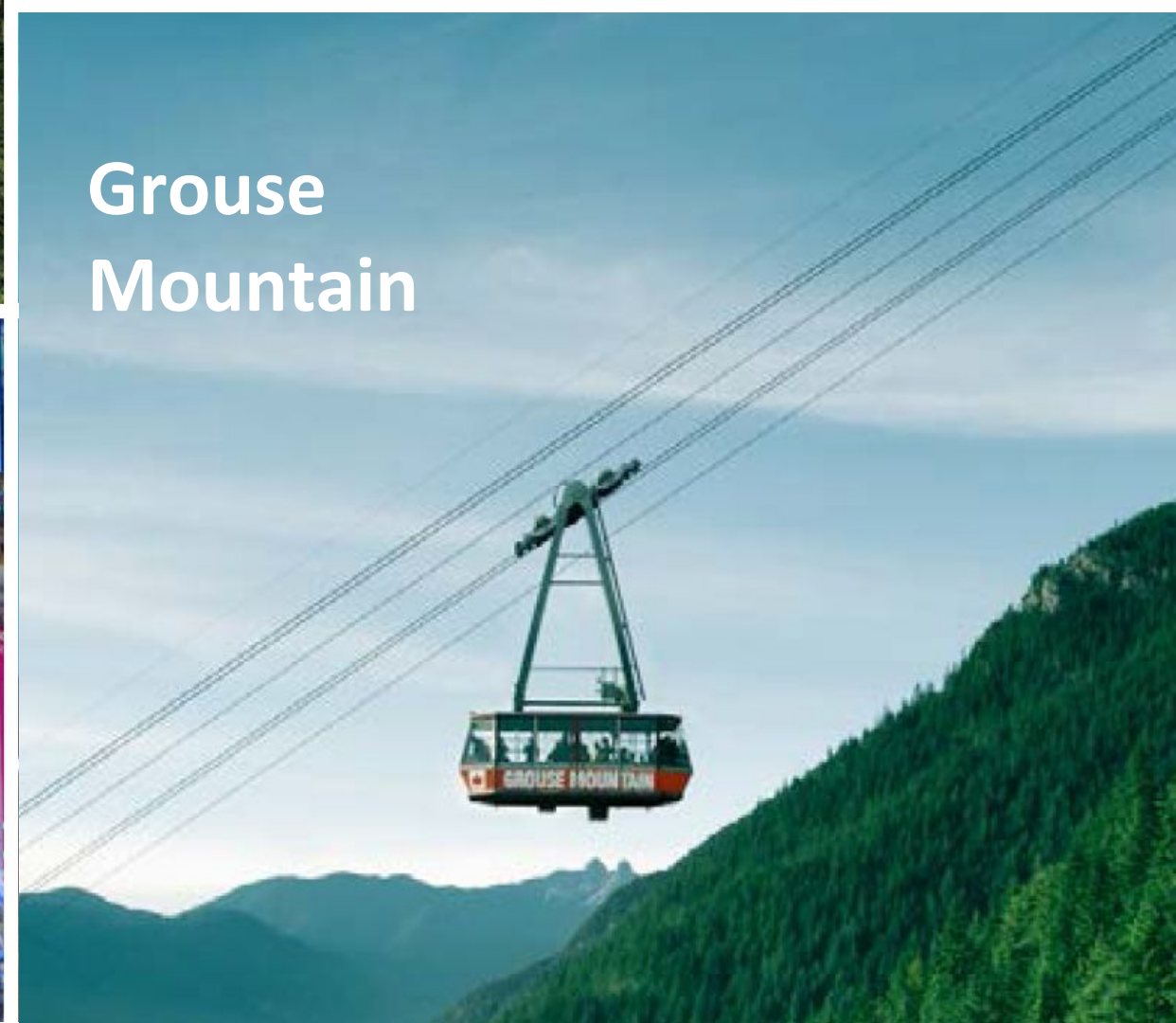


Vancouver
Art Gallery



Stanley Park

Vancouver Aquarium



Grouse
Mountain

Proposed local committee



- Fabrice Retière, TRIUMF (nEXO, DEAP)
- Nigel Hessey, TRIUMF (ATLAS)
- Beatrice Franke, TRIUMF (UCN)
- Darren Grant, U. Alberta (IceCUBE)
- Scott Oser, UBC (SuperCDMS, T2K)
- Dean Karlen, Uvic (T2K, ILC)
- JF Pratte, Sherbrooke U (nEXP)
- Chris Hearty, UBC (Belle-II)
- Akira Konaka, TRIUMF (T2K)
- Dean Karlen, UVic (T2K)
- Jana Thomson (conference coordinator)

Summary



- Vancouver is a great place to host an international conference.
- TRIUMF has significant experience with conference organization.
- TRIUMF is a very vibrant scientific hub, with a sizable dedicated effort towards technology development and instrumentation for particle physics.
- We would love to organize TIPP
 - And we are prepared to sharpen our bid with accurate cost estimate