



**TFP2019: The 20th Symposium on  
Trends in Functional Programming  
University of British Columbia  
Vancouver, BC, Canada**



# LAND ACKNOWLEDGMENT

This meeting is being held on the UBC Vancouver campus, which sits on the traditional, ancestral, unceded territory of the xwməθkwəyəm (Musqueam) First Nation.

<http://aboriginal.ubc.ca/community-youth/musqueam-and-ubc/>



# CO-CHAIRS



William J. Bowman



Ronald Garcia

# ACCEPTED TALKS

[Towards Exploring Closureless CPS](#)

**Marco T. Morazan**, Shamil Dzhatdoyev, Josephine Des Rosiers

[Quotient Types by Normalization in Cedille](#)

**Andrew Marmaduke**, Christopher Jenkins, Aaron Stump

[Early Experience in Teaching the Basics of Functional Language Design with a Language Type Checker](#)

**Matteo Cimini**

[Verifying Selective CPS Transformation for Shift and Reset](#)

**Chiaki Ishio**, Kenichi Asai

[How to Specify it! A Guide to Writing Properties of Pure Functions.](#)

**John Hughes**

[Type Inference for Rank 2 Gradual Intersection Types](#)

**Pedro Ângelo**, Mário Florido

[Set Constraints, Pattern Match Analysis, and SMT](#)

**Joseph Eremondi**

[Slides](#) | [Preprint](#)

[Improving Structure and Performance of iTask SVG Editors](#)

**Peter Achten**, Rinus Plasmeijer

# INVITED SPEAKERS



**Nikhil Swamy, Microsoft Research**

Structuring the Verification of Imperative Programs with Functional Programming



**John Hughes, Chalmers University of Technology**

Experiences with QuickCheck: Testing the Hard Stuff and Staying Sane!



**Frank Wood, University of British Columbia**

Probabilistic Programming

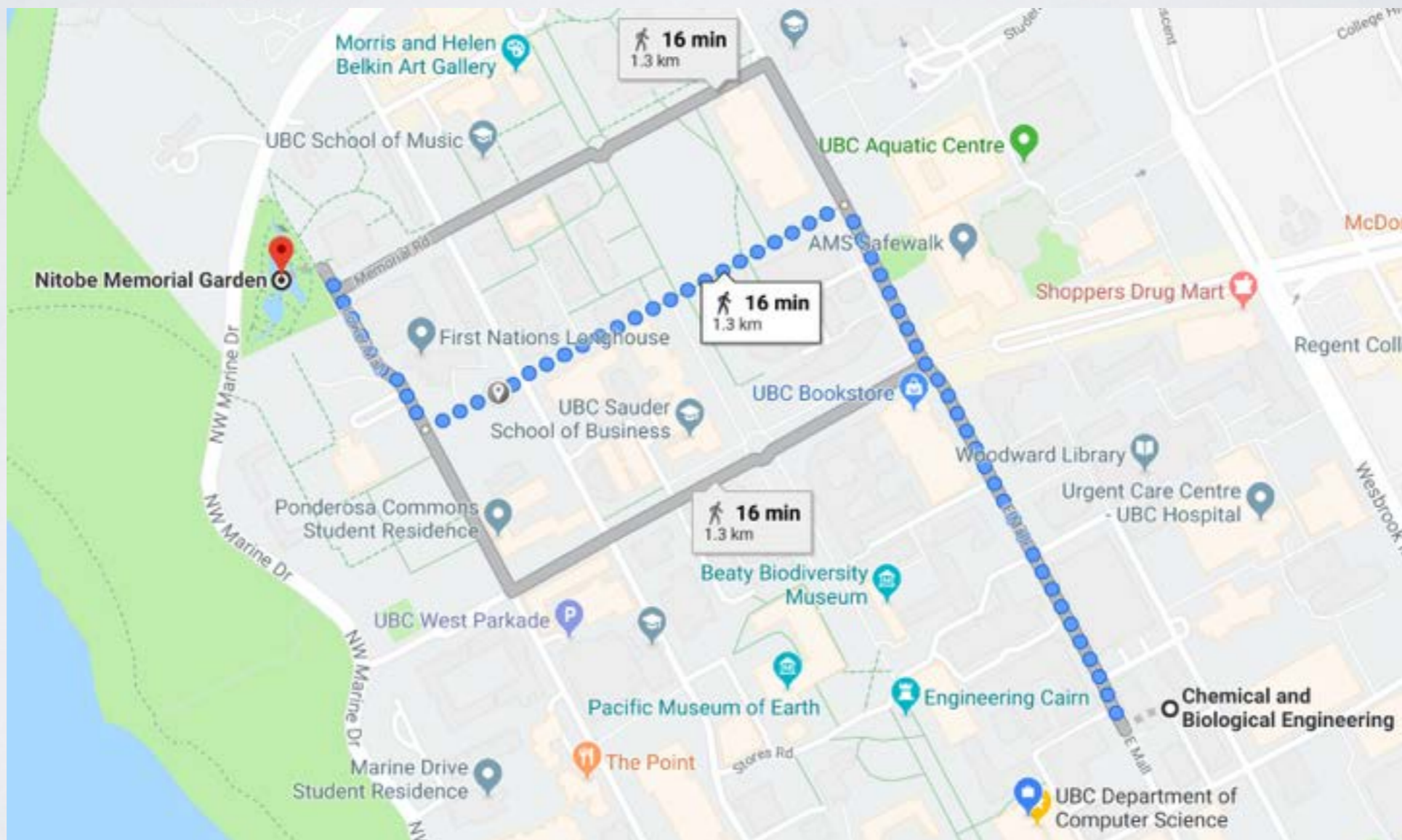


**Christian Weilbach**

Anglican Tutorial: Turing-complete, functional Probabilistic Programming as a Domain Specific Language

# EXCURSION (THURSDAY)

## Part I: Nitobe Memorial Japanese Garden



# EXCURSION (THURSDAY)

## Part 2: UBC Museum of Anthropology



# CONFERENCE DINNER

(Enigma Urban Eatery and Bar)





# OPENING KEYNOTE

