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

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
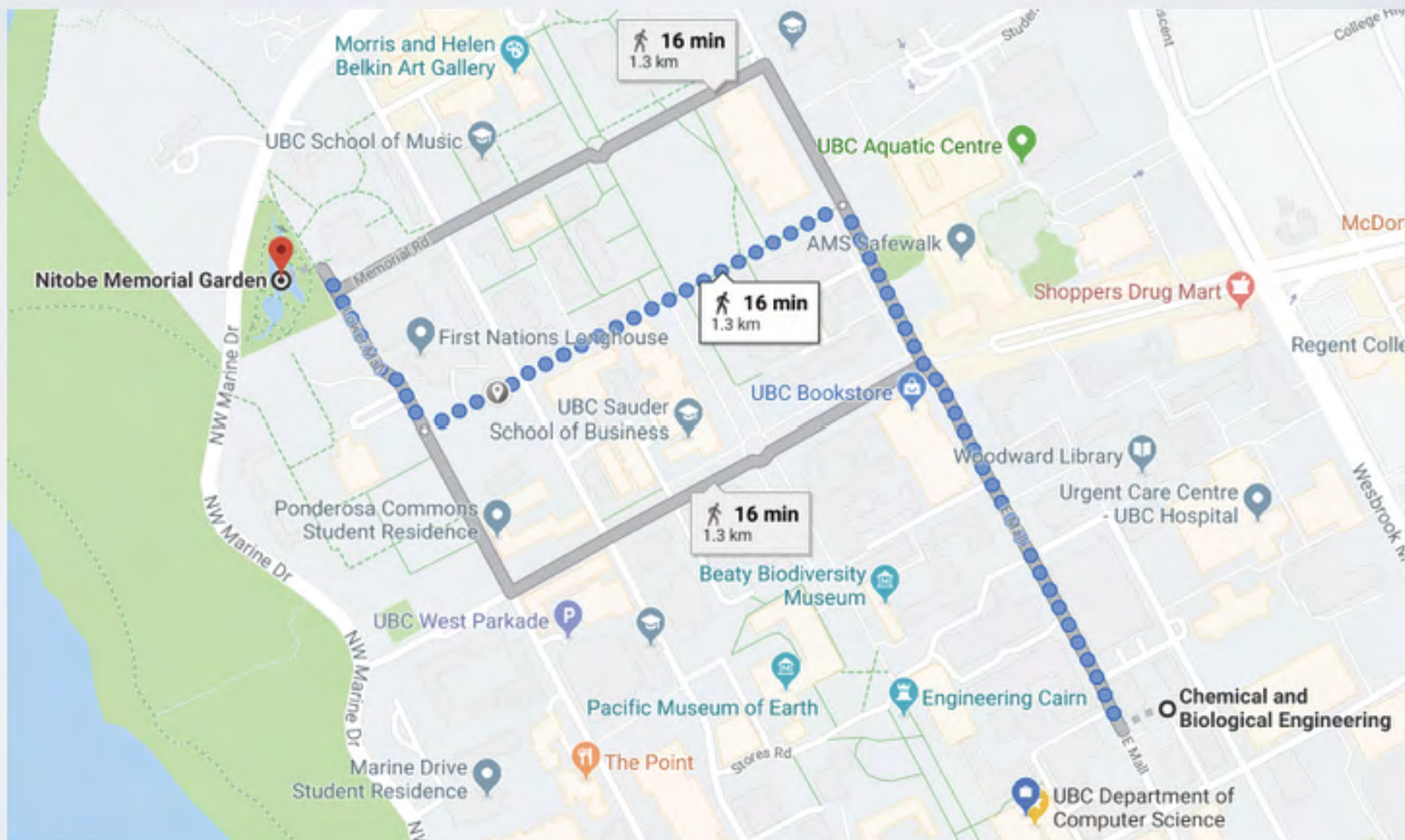
Probabilistic Programming

Christian Weilbach

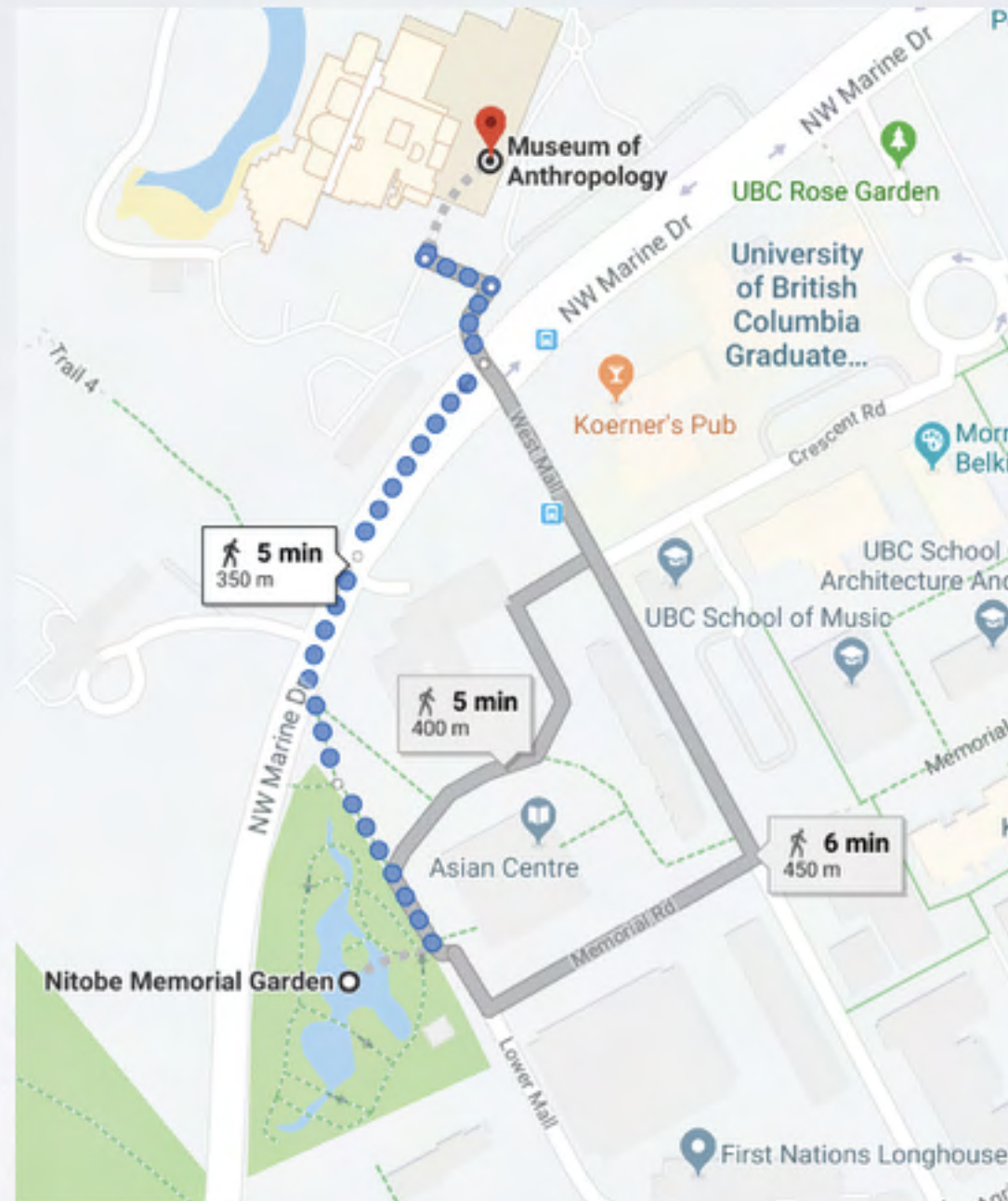Anglican Tutorial: Turing-complete, functional Probabilistic Programming as a Domain Specific Language

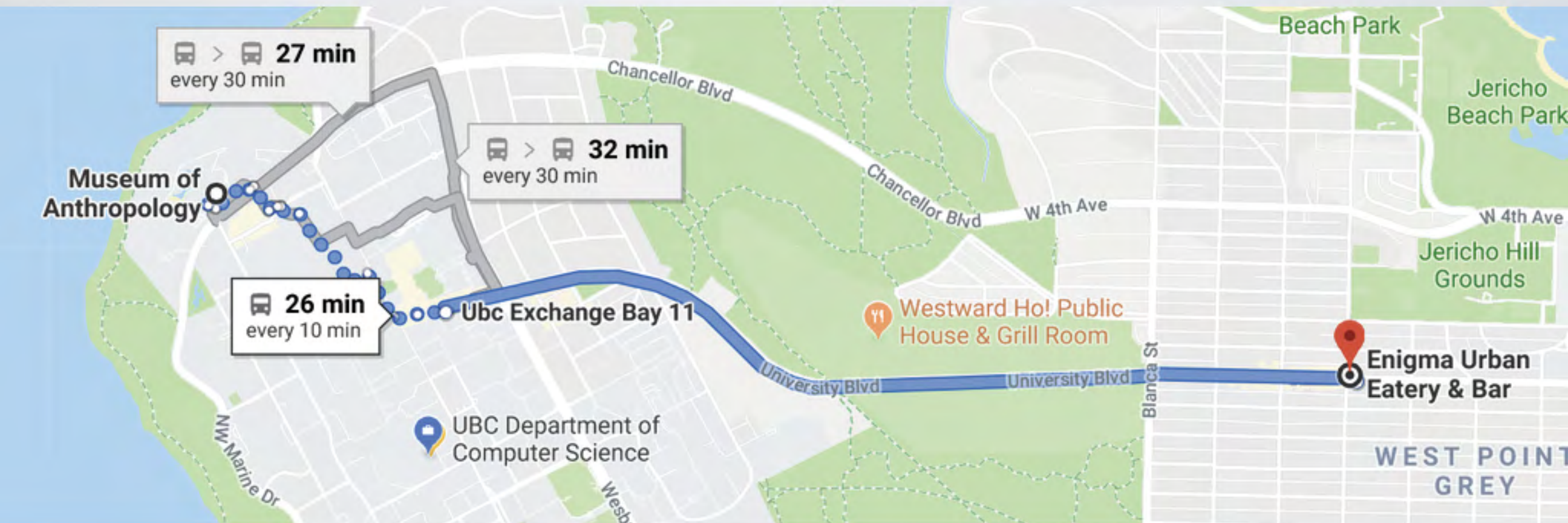# EXCURSION (THURSDAY)

Part 1: Nitobe Memorial Japanese Garden

EXCURSION (THURSDAY)

Part 2: UBC Museum of Anthropology

CONFERENCE DINNER
(Enigma Urban Eatery and Bar)

OPENING KEYNOTE