

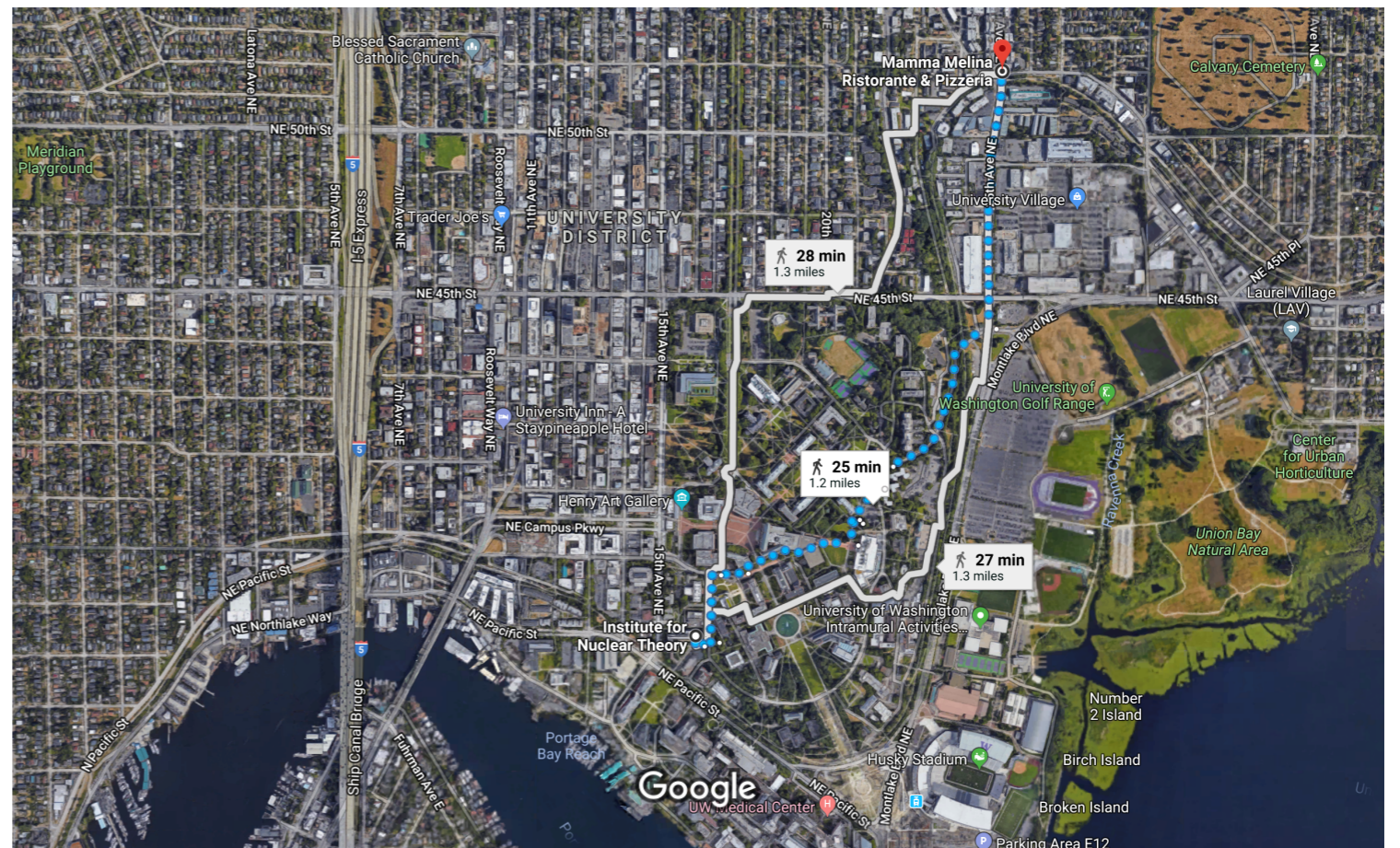
Reminders

- speakers: please send slides to Cheryl
- dinner tonight: Mamma Melina @ 6:30pm

Google Maps

Institute for Nuclear Theory, Seattle, WA to
Mamma Melina Ristorante & Pizzeria

Walk 1.2 miles, 25 min



Discussion questions: nucleons to nuclei

what do we know?

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what do we need to know?

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What studies can be done at the generator level to quantify the impact of elementary amplitudes? (e.g. with NUISANCE framework)

How can precision scattering data on light nuclei aid the development of nuclear models and computational tools?

Can the uncertainty of nuclear models applied to accelerator neutrino cross sections be quantified?

How can elementary amplitudes and nuclear effects be disentangled in current measurements? How should they be combined in generators?

how will we come to know it?

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What is the best configuration for a future elementary target neutrino experiment? (considerations include data quantity and quality, cost, logistics)

What is the potential impact of lattice QCD for the accelerator neutrino program?

Can precise and reliable elementary amplitude measurements be obtained from subtraction techniques in water or hydrocarbon?

What is the potential for non-neutrino experiments to constrain the elementary amplitudes, and which new and better measurements should be performed?