



Pacific Institute *for the*
Mathematical Sciences



June 19 – July 1, 2022

PIMS-IFDS-NSF Summer School on Optimal Transport

University of Washington, Seattle

The common theme of this summer school is the mathematics of Monge-Kantorovich optimal transport (OT). The stunning mathematical development of OT has recently permeated into several fields of applications. Our speakers, chosen from the fields of analysis, biology, data science, economics, and probability, are leaders in their respective fields whose work intimately involves OT. Our goal is to expose talented students and junior researchers to the exciting and manifold research opportunities arising from OT and its applications, through attending lectures and interacting with the speakers as well as their peer participants. We strongly encourage participation by a diverse audience and welcome attendees from traditionally under-represented socio-economic and cultural groups.

As the school is planned at the beginning of the summer season in Seattle, the participants can also enjoy the natural beauty of the Pacific Northwest and feel the energy of one of leading tech metropolises in the United States and around the world.

This event is part of the PIMS CRG on OT www.pims.math.ca/collaborative-research-groups/pihot and it is also supported by National Science Foundation (NSF) and Institute for Foundations of Data Science (IFDS).



MAIN SPEAKERS

- Alfred Galichon (NYU, USA)
- Inwon Kim (UCLA, USA)
- Jan Maas (IST, Austria)
- Felix Otto (MPI, Germany)
- Gabriel Peyré (ENS, France).
- Geoffrey Schiebinger (UBC, Canada)

FOR MORE INFORMATION AND REGISTRATION

www.pims.math.ca/scientific-event/220619-pinssot

ORGANIZERS

- Young-Heon Kim (UBC, Canada)
- Soumik Pal (UWashington, USA)
- Brendan Pass (UAlberta, Canada)

+ HEALTH CHECK

This event will follow the COVID-19 guidelines set by the Washington State Health Department. As such, at the time of the meeting commencement, individuals attending the summer school will be required to either show a negative Covid test taken within 72 hours, or, show proof of full vaccination.