From
21
NOV.
2022
to
25
NOV.
2022

09h00
-
18h00

2022-T3 GEOMETRY & STATISTICS IN DATA SCIENCES

Measure-theoretic Approaches and Optimal Transportation in Statistics

Institut Henri Poincaré
Amphithéâtre Hermite
11 rue Pierre et Marie Curie 75005 Paris

Measure-theoretic Approaches and Optimal Transportation in Statistics
21-25 November 2022 - IHP, Paris
The Wasserstein distance in Optimal transportation has proved to be useful for a wide range of learning tasks such as generative models, domain adaptation or supervised embeddings. It is also an important metric for Topological Data Analysis and Geometric inference. More generally, distances on the space of probability measures, such as the maximum mean discrepancy, have shown to be powerful tools in statistical learning.

Invited Speakers

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- Quentin Berthet (Google Research)
- Blanche Buet (LMO, Orsay)
- Elsa Cazelles (IRIT, Toulouse)
- Nicolas Courty (IRISA, Rennes)
- Agnès Desolneux (Centre Borelli, Saclay)
- Jean Feydy (HeKA, INRIA Paris)
- Arthur Gretton (UCL, London)
- Anna Korba (CREST, Saclay)
- Thibaut Le Gouic (IMM, Marseille)
- Christophe Ley (Ghent University)
- Jean-Michel Loubes (IMT, Toulouse)
- Olga Mula (CEREMADE, Dauphine)
- Axel Munk (Göttingen & Planck)
- Quentin Paris (HSE, Moscow)
- Giovanni Peccati (Luxemburg)
- Gabriel Peyré (DMA, ÉNS)
- Johan Segers (UC Louvain)
- Bodhisattva Sen (Columbia, New York)
- François-Xavier Vialard (LIGM, Université Gustave Eiffel)

INSTITUT HENRI POINCARÉ

Sorbonne Université / CNRS
11 rue Pierre et Marie Curie
75231 Paris Cedex 05

TIMETABLE

The institute:
• Monday to Friday from 8:30am to 6pm,
• closed on public holidays.

The museum - Maison Poincaré :
• Monday, Tuesday, Thursday and Friday
from 9:30am to 5:30pm,
• Saturday from 10am to 6pm,
• closed on Wednesday and Sunday.

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