

PHYSTAT: 2 Sample Testing and Goodness of Fit

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Thursday 1 June 2023 09:00 (15 minutes)

Presenter: LYONS, Louis (Imperial College and Oxford)

Session Classification: Session 1a

Contribution ID: 2

Type: **not specified**

Range of Machine Learning methods in Particle Physics

Thursday 1 June 2023 09:15 (30 minutes)

Presenter: NACHMAN, Ben (Lawrence Berkeley National Lab)

Session Classification: Session 1a

Contribution ID: 3

Type: **not specified**

Discussion time

Thursday 1 June 2023 09:45 (15 minutes)

Session Classification: Session 1a

Contribution ID: 4

Type: **not specified**

Goodness of fit by Neyman-Pearson testing

Thursday 1 June 2023 10:00 (30 minutes)

Presenter: GROSSO, Gaia (Universita e INFN, Padova (IT))

Session Classification: Session 1a

Contribution ID: 5

Type: **not specified**

Discussion time

Thursday 1 June 2023 10:30 (15 minutes)

Session Classification: Session 1a

Contribution ID: 6

Type: **not specified**

Applications to deep generative models

Thursday 1 June 2023 11:15 (30 minutes)

Presenter: KANSAL, Raghav (Univ. of California San Diego (US))

Session Classification: Session 1b

Contribution ID: 7

Type: **not specified**

Discussion time

Thursday 1 June 2023 11:45 (15 minutes)

Session Classification: Session 1b

Contribution ID: 8

Type: **not specified**

Optimal Transport for Goodness of Fit and 2-sample testing

Thursday 1 June 2023 12:00 (30 minutes)

Presenter: WASSERMAN, Larry (Carnegie Mellon University)

Session Classification: Session 1b

Contribution ID: 9

Type: **not specified**

Final discussion time on day 1

Thursday 1 June 2023 12:30 (30 minutes)

Session Classification: Session 1b

Contribution ID: **10**

Type: **not specified**

Multivariate model assessment without chi-squared

Friday 2 June 2023 09:00 (30 minutes)

Presenter: ALGERI, Sara (University of Minnesota)

Session Classification: Session 2a

Contribution ID: **11**

Type: **not specified**

Discussion time

Friday 2 June 2023 09:30 (15 minutes)

Session Classification: Session 2a

Contribution ID: 12

Type: **not specified**

Kernel methods for 2-sample and goodness of fit testing

Friday 2 June 2023 09:45 (30 minutes)

Presenter: GRETTON, Arthur (UCL)

Session Classification: Session 2a

Contribution ID: 13

Type: **not specified**

Discussion time

Friday 2 June 2023 10:15 (15 minutes)

Session Classification: Session 2a

Contribution ID: 14

Type: **not specified**

Comparing distributions of high dimensional complex data

Friday 2 June 2023 11:00 (30 minutes)

Presenter: LEE, Ann B (Carnegie Mellon University)

Session Classification: Session 2b

Contribution ID: 15

Type: **not specified**

Discussion time

Friday 2 June 2023 11:30 (15 minutes)

Session Classification: Session 2b

Contribution ID: 16

Type: **not specified**

Classifier-based 2 sample testing for model independent searches for New Physics

Friday 2 June 2023 11:45 (30 minutes)

Presenter: KUUSELA, Mikael (Carnegie Mellon University)

Session Classification: Session 2b

Contribution ID: 17

Type: **not specified**

Final discussion time on Day 2

Friday 2 June 2023 12:15 (30 minutes)

Session Classification: Session 2b

Contribution ID: **18**

Type: **not specified**

Closing of workshop

Friday 2 June 2023 12:45 (5 minutes)

Session Classification: Session 2b