

Italian Summer Students Midterm Reports 2023 - day3

Report of Contributions

Contribution ID: 5

Type: **not specified**

High precision tests of Standard Model in the Fermilab Muon (g-2) experiment

Tuesday, 29 August 2023 09:00 (20 minutes)

Presenters: CONFORTINI, Francesco (Fermilab muon g-2); DRIUTTI, Anna (University of Kentucky); DRIUTTI, Anna (INFN); DRIUTTI, Anna (University of Kentucky); CASEY, Brendan (FNAL)

Session Classification: Day 3

Contribution ID: 6

Type: **not specified**

Dark Photon physics in SBND

Tuesday, 29 August 2023 09:20 (20 minutes)

Presenters: FRICANO, Gaetano; BALASUBRAMANIAN, Supraja (Yale University)

Session Classification: Day 3

Contribution ID: 7

Type: **not specified**

Bridging the gap between cosmological simulations with Graph Neural Networks and Domain Adaptation

Tuesday, 29 August 2023 09:40 (20 minutes)

Presenters: RONCOLI, Andrea; RONCOLI, Andrea (Fermilab); CIPRIJANOVIC, Aleksandra (Fermi National Accelerator Laboratory)

Session Classification: Day 3

Contribution ID: 8

Type: **not specified**

DGaaS: GPUs as a service on distributed computing systems

Tuesday, 29 August 2023 10:00 (20 minutes)

Presenters: MAZZUCATO, Sara; MAMBELLI, Marco (Fermilab)

Session Classification: Day 3

Contribution ID: 9

Type: **not specified**

Study and improvement of the trigger system in ICARUS

Tuesday, 29 August 2023 10:50 (20 minutes)

Presenters: CHIELLO, Giovanni; FAVA, Angela (Fermilab); TORRETTA, Donatella (Fermilab)

Session Classification: Day 3

Contribution ID: 10

Type: **not specified**

Fast Ramping Accelerator Dipole Models for Fermilab's Booster Upgrade and Muon Colliders¶

Tuesday, 29 August 2023 10:30 (20 minutes)

Presenters: MANNUCCI, Stefano; ZLOBIN, Alexander (Fermilab)

Session Classification: Day 3