

Session Program

May 19 – 21, 2025



ML4FE Workshop, University of Hawaii

Physics and accelerators

Tue, May 20

8:00 AM

Physics and accelerators

Session | **Location:** | **Convener:** Christian Herwig

08:00 – 08:30 Overview of fast ML for detectors and control

Speaker

Dylan Rankin

08:30 – 08:50 Application to (EF) colliders: CMS ASICs

Speaker

Cristian Pena

08:50 – 09:10 Application to (NF) DUNE

Speaker

Seon-Hee Seo

09:10 – 09:30 Discussion/Overflow

9:30 AM

1:15 PM

Physics and accelerators

Session | **Location:** | **Convener:** Shih-Chieh Hsu

13:15 – 13:35 AI/ML for Beam Optimization at the UH Accelerator and FEL Facility

Speaker

Siqi Li

13:35 – 13:55 Application to colliders: Smart Pixels

Speaker

Lindsey Gray

13:55 – 14:15 Application to colliders: MuC

Speaker

Timon Heim

14:15 – 14:35 Application to accelerators

Speaker

Auralee Edelen

14:35 – 14:55 Application to dark matter (axions)

Speaker

Christian Boutan

3:00 PM