

Session Program

28 January 2023 to 2 February 2023

Accelerating Physics with ML@MIT

Workshop Discussion #9

Tuesday 31 January

09:00

Workshop Discussion #9: Multidisciplinary opportunities

Session | **Location:** | **Convener:** Lingqing Wen

09:00–09:20

Machine learning applications in Icecube

Speaker

Josh Peterson

09:20–09:40

Pointing to a Supernova

Speaker

Kate Scholberg

09:40–09:55

Binary neutron star early warning detection using ML

Speaker

Alistair Mcleod

09:55–10:10

Localization and waveform extraction for compact binary coalescences

Speaker

Chayan Chatterjee

10:10–10:30

Unsupervised Learning for TESS Variable Stars

Speaker

Jeroen Audenaert

10:30–10:45

Contextualized machine learning for applied data science

Speaker

Ben Lengerich

10:45