

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: Linqing 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