

Session Program

28 January 2023 to 2 February 2023

Accelerating Physics with ML@MIT

Workshop Discussion #2

Sunday 29 January

11:00

Workshop Discussion #2: Machine learning applications in gravitational-wave searches

Session | Location: | Convener: Michael Coughlin

11:00-11:15 Searches for compact binary coalescences-I

Speakers

Damon Beveridge, Damon Beveridge

11:15-11:30 Searches for compact binary coalescences-II

Speakers

Ethan Marx, Ethan Marx

11:30-11:45 Denoising methods-I

Speaker

Saleem Muhammed

11:45-12:00 Denoising methods-II

Speakers

Dr Chia-Jui Chou, Chia-Jui Chou

12:00-12:30 Parameter estimation methods

Speaker

Maximillian Dax

12:30