

Session Program

20-21 Jun 2023

NSF HDR Postbaccalaureate Workshop 2023

Postbac/Student Symposium

UCSD

Tuesday 20 June

10:40

Postbac/Student Symposium

Session | **Location:** UCSD | **Convener:** Dr Ayman Nasser

10:40–11:00

Observing Scenarios and Low Latency EM Training

Speaker

Abigail Gray

11:05–11:25

Surrogate models to predict storm surge hydrodynamics over evolving landscapes and climate forcings

Speaker

Mohammad Ahmadi Gharehtoragh

11:30–11:50

Denoising Autoencoder for raw, wireplane, waveforms in DUNE's LArTPC detector

Speaker

Van Tha Bik Lian

11:55–12:15

Discovering Ultracool Dwarfs in Deep Surveys using Machine Learning Methods

Speaker

Malina Desai

12:30

13:30

Postbac/Student Symposium

Session | **Location:** UCSD | **Convener:** Elham E Khoda

13:30–13:50

Anomaly Detection at CMS L1 Trigger

Speaker

Andrew Skivington

13:55–14:15

Visual Alchemist: Visualization tool for data-driven materials science

Speaker

Bruktawit Teklay Amare

14:20–14:40

Using convex feature selection to improve offline movement decoding

Speaker

Lauren Peterson

14:40