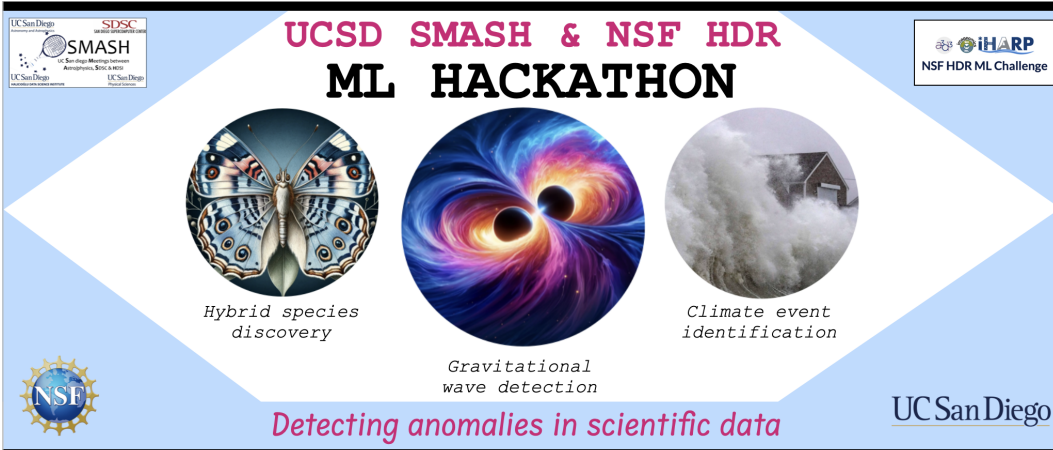


Session Program

Jan 11 - 12, 2025



The banner features a central white diamond shape on a light blue background. At the top, it reads "UCSD SMASH & NSF HDR ML HACKATHON" in pink and black. Three circular images are arranged horizontally: a butterfly, a gravitational well, and a storm. Below each image is a caption: "Hybrid species discovery", "Gravitational wave detection", and "Climate event identification". Logos for UC San Diego, SDSC, SMASH, IHARP, NSF HDR ML Challenge, and NSF are present. The text "Detecting anomalies in scientific data" is at the bottom center, and "UC San Diego" is at the bottom right.

UCSD SMASH & NSF HDR
ML HACKATHON

Hybrid species discovery

Gravitational wave detection

Climate event identification

Detecting anomalies in scientific data

UC San Diego

UCSD SMASH & NSF HDR ML Challenge Hackathon

Introduction Session

Franklin Antonio Hall, 1301

Sat, January 11

9:20 AM

Introduction Session: Welcome & Orientation

Session | **Location:** Franklin Antonio Hall, 1301

9:20 - 9:30 AM **Welcome Remarks**

Speaker

Melissa Quinnan

9:30 - 9:45 AM **Project Introduction: Gravitational Wave Detection**

Speaker

Philip Coleman Harris

9:45 - 10:00 AM **Project Introduction: Hybrid Species Discovery**

Speaker

Wei-Lun Chao

10:00 - 10:15 AM **Project Introduction: Climate Event Identification**

Speaker

Prof. Aneesh Subramanian

10:15 - 10:30 AM **Coffee Break**

10:30 - 11:15 AM **Hands-on Tutorial: Practice notebook & submission**

Speakers

Elham Khoda, Melissa Quinnan

11:15 AM - 1:00 PM **Team Formation & Start**

1:00 PM