

## **Session Program**

**9-12 Sept 2024**



# **2024 NSF HDR Ecosystem Conference Harvesting the Data Revolution**

## ***Machine Learning Challenges***

University of Illinois at Urbana-Champaign, Illinois Conference Center  
111 St Marys Rd, Champaign, IL 61820

# Wednesday 11 September

11:45

## Machine Learning Challenges

**Session** | **Location:** Illinois Conference Center, Herritage Hall

11:45–12:00

### Machine Learning Challenges Overview

**Speaker**

Philip Coleman Harris

12:00–12:10

### Detecting Novel Astrophysical Phenomena with Gravitational Waves (A3D3)

**Speaker**

Philip Coleman Harris

12:10–12:20

### Detecting Anomalous Climate Phenomena (iHARP)

**Speaker**

Subhankar Ghosh

12:20–12:30

### Anomaly Detection: Hybrid Butterflies (Imageomics)

**Speaker**

Elizabeth Campolongo

12:30

16:00

17:00

## Machine Learning Challenges: Future ML

**Session** | **Location:** Illinois Conference Center, Alma Mater | **Convener:** Philip Coleman Harris