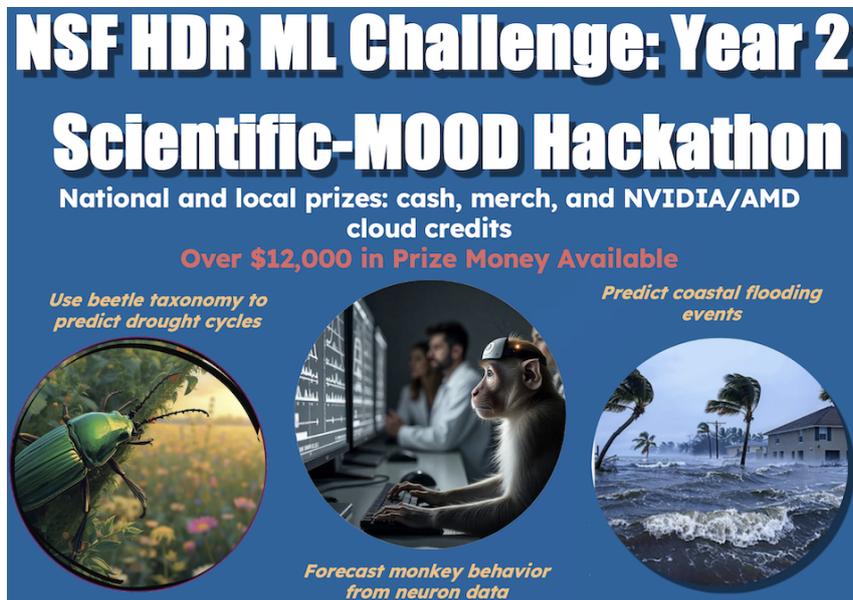


Session Program

10 January 2026



NSF HDR ML Challenge: Year 2
Scientific-MOOD Hackathon
National and local prizes: cash, merch, and NVIDIA/AMD cloud credits
Over \$12,000 in Prize Money Available

Use beetle taxonomy to predict drought cycles



Forecast monkey behavior from neuron data



Predict coastal flooding events



UW A3D3 & NSF HDR Challenge Hackathon

Challenge Overview

E-Science Institute, Physics and Astronomy Tower
E-science institute, sixth floor of Physics and Astronomy building

Saturday 10 January

09:00

Challenge Overview: Introduction

Session |

Location: E-Science Institute, Physics and Astronomy Tower, E-science institute, sixth floor of Physics and

Co-moderators: Miles Cochran-Branson, Abdelrahman Asem Elabd

09:00–09:10

Introduction to the challenge

Speakers

Abdelrahman Asem Elabd, Miles Cochran-Branson

09:10–09:25

Beetle Challenge

Speaker

Miles Cochran-Branson

09:25–09:40

Monkey Challenge Overview

Speaker

Pujan Hirenbbhai Patel

09:40–09:55

Coastal Flooding Challenge Overview

Speaker

Abdelrahman Asem Elabd

09:55–10:00

Organization for morning hackathon session

10:00