

UW A3D3 & NSF HDR Challenge Hackathon

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*



*Predict coastal flooding
events*



*Forecast monkey behavior
from neuron data*



Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction to the challenge

Saturday, 10 January 2026 09:00 (10 minutes)

Presenters: ELABD, Abdelrahman Asem (University of Washington (US)); COCHRAN-BRANSON, Miles (University of Washington (US))

Session Classification: Challenge Overview

Contribution ID: 2

Type: **not specified**

Beetle Challenge

Saturday, 10 January 2026 09:10 (15 minutes)

Presenter: COCHRAN-BRANSON, Miles (University of Washington (US))

Session Classification: Challenge Overview

Contribution ID: 3

Type: **not specified**

Monkey Challenge Overview

Saturday, 10 January 2026 09:25 (15 minutes)

Presenter: PATEL, Pujan Hirenchai

Session Classification: Challenge Overview

Contribution ID: 4

Type: **not specified**

Coastal Flooding Challenge Overview

Saturday, 10 January 2026 09:40 (15 minutes)

Presenter: ELABD, Abdelrahman Asem (University of Washington (US))

Session Classification: Challenge Overview