Session Program

2-3 Oct 2023

NSF Meta-Workshop: AI to Accelerate Science and Engineering Discover (AI2ASED)

Lightning talk II

Sunday 1 October

15:00

Lightning talk II: Science for data-driven discovery
Session | **Location:** | **Conveners:** Mark Stephen Neubauer, Aidong Zhang

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15:00–15:08

From Harnessing the Data Revolution to Harvesting the Data Revolution

Speaker

Philip Coleman Harris

15:10–15:18

Cosmology and Astrophysics with MachinE Learning Simulations (CAMELS)

Speaker

Daniel Angles-Alcazar

15:20–15:28

Foundation Models for Science: What happens when you train large (language) models for Science?

Speaker

Shirley Ho

15:30–15:38

Using domain-aware metrics for deploying AI/ML in weather/climate applications

Speaker

Dr Peetak Mitra

15:40–15:48   **Accelerating AI Applications in Environmental Sciences**

Speaker

Yuhan "Douglas" Rao

15:50–15:58

Workshop on Machine Learning and Artificial Intelligence to Advance Earth System Science: Opportunities and Challenges

Speaker

Dr L. Ruby Leung

16:10