

Session Program

28-29 Sept 2026

New York Scientific Data Summit 2026

Lightning Talks I: Emerging AI Research Across Domains

SUNY Global Center, New York City, Global Classroom (Lower Level)
116 E 55th St, New York, NY 10022

Monday 28 September

16:30

Lightning Talks I: Emerging AI Research Across Domains

Session |**Location:** SUNY Global Center, New York City, Global Classroom (Lower Level), 116 E 55th St, New York, NY 10022 |**Convener:** Niraj Aryal

16:30–16:40

Raven: Trustworthy Agentic AI for Closed-Loop Materials Discovery

Speaker

Renjie Li

16:40–16:50

Interpretable Multimodal AI Integrating Structured Electronic Health Records and Large Language Models for Postoperative Infection Surveillance

Speaker

Yaxu Zhuang

16:50–17:00

SAFE: Structured Attribute-Factorized Embeddings for Scalable and Trustworthy Intersectional Fairness

Speaker

Adam Ge

17:00–17:10

From Orchestration to Capability: Building Framework-Free Scientific Agent Systems with Portable Units of Knowledge

Speaker

Shray Mathur

17:10–17:20

Temporal Phenotyping of Breast Cancer Care Trajectories from Longitudinal EHR Data Using Unsupervised Machine Learning

Speaker

Amal Bilal

17:20