

## **Session Program**

**11-12 Sept 2025**

# **New York Scientific Data Summit 2025: Powering the Future of Science with Artificial Intelligence**

## ***Generative and Agentic AI III***

SUNY Global Center New York, NY 10022 USA, Global Classroom (Lower Level)

# Friday 12 September

09:00

## Generative and Agentic AI III

**Session** | **Location:** SUNY Global Center New York, NY 10022 USA, Global Classroom (Lower Level) | **Convener:** Meifeng Lin

09:00–09:30 [Keynote] AuroraGPT: A Foundation Model for Science

**Speaker**  
Rajeev Thakur

09:30–09:50  
**MATEY: Multiscale Adaptive Foundation Model for Computational Fluid Dynamics**

**Speaker**  
Pei Zhang

09:50–10:10  
**DISCO: Learning to DISCover an Evolution Operator as a Multi-Physics Foundation Model**

**Speaker**  
Jiequn Han

10:10–10:30  
**Can We Trust Our Epistemic Proxies? Observations on Reasoning and the Gullibility of Language Models**

**Speakers**  
Rohan Pradhan, Steve Goley

10:30