



Ai.Summit 2025

Registration / Meet and Greet

8:00AM - 9:30AM MT

Start the day by connecting with fellow summit-goers over coffee and conversation as we gear up for an inspiring day of events.

Opening Remarks

9:30AM - 10:00AM MT

Listen to representatives of the University Leadership & the State Legislature talk about their hopes for AI here in Utah.

AI in Sensing, Seeing and Securing the World

10:00AM - 10:55AM MT

Weilu Gao, ECE, Machine learning with optics
Ziad Al-Halah, CS, Multimodal Embodied AI
Guanhong Tao, CS, Towards Safe and Secure Large Language Models

Next-Gen AI: From Supervision to Autonomy

11:00AM - 11:55AM MT

Jacob Hochhalter, ME, Reducing Training Costs with Derivative Informed Data from Hypercomplex Automatic Differentiation
Daniel Brown, CS, Toward Robust, Interactive, and Human-Aligned AI Systems
Vivek Srikumar, CS, Human language technology: Can we do better than bigger?

Lunch / Poster Session / Networking

12:00PM - 1:00PM MT

The Nexus of Health, Humans, and Machines

1:00PM - 2:30PM MT

Tolga Tasdizen, ECE, Towards interpretable AI models in radiology
Neda Netagh, ECE, Toward less artificial intelligence
Alan Kuntz, CS, Autonomous Surgical Robots that Learn from Human Surgeons
Amir Arzani, ME, Scientific machine learning: From no data to large data
Ashley Dalrymple, BME, Reinforcement Learning for Predicting Walking-Related Events

Break / Poster Session / Networking

2:30PM - 3:15PM MT

“Bridging” AI and Infrastructure

3:15PM - 4:10PM MT

Ryan Johnson, CVEEN, High-Resolution Snow Mapping with Machine Learning: Pioneering Products to Enhance Season-to-Season Water Supply Forecasting
Masood Parvania, ECE, AI for Autonomous Power Grid Operation
Chenxi (Dylan) Liu, CVEEN, Leveraging AI for intelligent transportation systems
Taylor Sparks, MSE, The materials of tomorrow, today

Awards & Closing Remarks

4:15PM - 4:30PM MT



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