



# Shaping the Future of AI for Research at SU: A Faculty-Wide Dialogue

Wednesday 4 June 2025

**Afternoon Workshop on AI for Science: Afternoon AI Workshop - FD5 (13:30 - 17:00)**

time	[id] title	presenter
13:30	[2] Welcome & Introduction	
13:45	[3] Speed Talks	
	- [1] AI@SU	Prof. ELOFSSON, Arne
	- [2] Using deep learning to track changes in water surfaces in wetlands worldwide	Prof. JARAMILLO, Fernando
	- [3] Rewards and risks of science in the age of AI	Dr HSIANG, Allison
	- [4] Stepping up Our Machine Learning/AI Education In SU	Prof. LI, Chun-Biu
14:30	Break (with beverages)	
14:50	[4] Explore & Exchange: Thematic Breakouts	
	- [1] Scientific Reasoning and Hypothesis Generation with AI	
	- [2] AI for Experimental Design and Laboratory Automation	
	- [3] AI-Enhanced Modeling and Simulation	
	- [4] Data Acquisition, Processing, and Analysis	
	- [5] Teaching, Training, and Skills Development in Scientific AI	
15:35	Break	
15:45	[5] Breakout Summary & Roadmap Planning	
16:15	[6] Structured Networking	