

2nd Annual AI in Science Symposium 2027



Friday
January 29, 2027
at CALIT2 Auditorium



UC Irvine
AI in Science Institute

For updates and additional information:
ai-science.uci.edu/events/ai-symposium-2027/

SPEAKERS

AI & Physics



Daniel Whiteson
University of
California, Irvine



David Miller
University of Chicago



David Shih
Rutgers University



Tilman Plehn
Heidelberg University

AI & Medicine



Jonathan Chen
Stanford University

AI Foundations & Technology



C. Lee Giles
Pennsylvania State
University



Andrew Barto
University of
Massachusetts, Amherst

AGENDA

9:30 - 10:00	Coffee
10:00 - 10:15	Introductions
10:15 - 11:00	Daniel Whiteson Will AI Solve Physics?
11:00 - 11:45	David Miller From Fast Inference to Intelligent Instruments: AI Across the Life-Cycle of Scientific Instrumentation
11:45 - 1:00	Lunch Break
1:00 - 1:45	David Shih New Tools for Old Problems: Generative AI for Discovery in Fundamental Physics
1:45 - 2:30	Tilman Plehn Better Theoretical Particle Physics with ML and Now Also AI
2:30 - 3:00	Coffee Break
3:00 - 3:45	Jonathan Chen AI in Medicine—Real Magic or Technological Illusions?
3:45 - 4:30	C. Lee Giles Web Crawlers: A Foundational Species
4:30 - 5:15	Andrew Barto Rediscovering Reinforcement Learning
5:15 - 6:30	Wine & Food Reception