NIST AI WORKSHOP AGENDA

EXPLORING AI TRUSTWORTHINESS: WORKSHOP SERIES KICKOFF

AUGUST 6, 2020
1:30 PM – 4:00 PM EDT

1:30 PM Welcome & Keynote

Chuck Romine | **Director, Information Technology Lab (ITL)**

Charles Romine is Director of the Information Technology Laboratory (ITL). ITL is one of six research Laboratories within the National Institute of Standards and Technology (NIST).

Romine oversees a research program that cultivates trust in information technology and metrology by developing and disseminating standards, measurements, and testing for interoperability, security, usability, and reliability of information systems.

Walt Copan | **NIST Director**

Dr. Walter G. Copan was confirmed by Congress as Under Secretary of Commerce for Standards and Technology and NIST Director on October 5, 2017.

As NIST Director, Dr. Copan provides high-level oversight and direction for NIST.

He has had a distinguished and diverse career as a science and technology executive in large and small corporations, U.S. government, nonprofit and other public-sector settings.

2:00 PM Live Panel

Lynne Parker | **Deputy Chief Technology Officer of the United States, The White House**

Dr. Lynne E. Parker is Deputy Chief Technology Officer of the United States, and Assistant Director of Artificial Intelligence at the White House Office of Science and Technology Policy (OSTP). She is detailing to OSTP from her position as Professor in the Department of Electrical Engineering and Computer Science at the University of Tennessee, Knoxville (UTK).

She previously served as Interim Dean of the Tickle College of Engineering (TCE) at UTK, and before that was the Associate Dean for Faculty Affairs and Engagement in TCE.

Jason Matheny | **Director, Center for Security & Emerging Technology (CSET) at Georgetown University**

Jason Matheny is founding Director of the Center for Security and Emerging Technology at Georgetown University.

Previously he was Assistant Director of National Intelligence, and Director of IARPA, responsible for the development of breakthrough technologies for the U.S. intelligence community. Before IARPA, he worked at Oxford University, the World Bank, the Applied Physics Laboratory, the Center for Biosecurity, and Princeton University, and was the co-founder of two biotechnology companies.

Live Panel (Continued)

Francesca Rossi | **IBM Fellow and IBM AI Ethics Global Leader, IBM Research**

Francesca Rossi is an IBM fellow and the IBM AI Ethics Global Leader at IBM Research.

Her research interests focus on artificial intelligence, specifically they include constraint reasoning, preferences, multi-agent systems, computational social choice, and collective decision making. She is also interested in ethical issues in the development and behavior of AI systems, and she is part of the most influential global multi-stakeholder initiatives on this topic.

Nicol Turner Lee | **Director of the Center for Technology Innovation, Brookings**

Dr. Nicol Turner Lee is a senior fellow in Governance Studies, the director of the Center for Technology Innovation, and serves as Co-Editor-In-Chief of TechTank. Dr. Turner Lee researches public policy designed to enable equitable access to technology across the U.S. and to harness its power to create change in communities across the world. Her work also explores global and domestic broadband deployment and internet governance issues. She is an expert on the intersection of race, wealth, and technology within the context of civic engagement, criminal justice, and economic development.

Eric Horvitz | **Commissioner, National Security Commission on AI (NSCAI), Chief Scientific Officer, Microsoft**

Dr. Eric Horvitz serves as a Commissioner on the NSCAI, an independent, Federal commission created by Congress "to consider the methods and means necessary to advance the development of artificial intelligence, machine learning, and associated technologies to comprehensively address the national security and defense needs of the United States." He chairs the NSCAI's line of effort on Ethics and Responsible AI.

In his primary capacity, Dr. Horvitz serves as Chief Scientific Officer of Microsoft. As chief scientist, he provides cross-company leadership and guidance on advances and trends on scientific matters.

Dr. Horvitz has been a long-term contributor to research in AI, with contributions in inference and action under uncertainty, robustness of AI, human-AI interaction, explanation of reasoning, bias and fairness, and privacy. His efforts and collaborations have led to fielded systems in biomedicine, transportation, ecommerce, and aerospace.

2:30 PM Moderated Discussion

3:30 PM Q&A w/ Participants

3:50 PM Closing Remarks

Additional Details:

It is widely acknowledged that "trustworthiness" in artificial intelligence (AI) systems is critical to their development and appropriate use in all parts of our society. That's easier said than done, of course, and there is little agreement on what constitutes trustworthy AI and the research, standards, and policy steps needed to define and achieve the goal of trustworthy AI systems.

This workshop kicks off a NIST initiative involving private and public sector organizations and individuals in discussions about building blocks for trustworthy AI systems and the associated measurements, methods, standards, and tools to implement those building blocks when developing, using, and testing AI systems. NIST's effort will be informed by a series of workshops that will follow this initial session.

Registration link: https://www.nist.gov/news-events/events/2020/08/exploring-ai-trustworthiness-workshop-series-kickoff-webinar