Unleashing AI Innovation, Enabling Trust Symposium
September 24-25, 2024
Speaker Biographies

Day 1: September 24, 2024

Advancing Generative AI Risk Management: Understanding risks, AI actors, and mitigations across the AI value chain

Chloe Autio
National Institute of Standards and Technology (Associate)

Chloe Autio is a technology policy expert with nearly a decade of experience advising organizations on AI policy and governance. Through her advisory practice (Autio Strategies), she consults for government and private companies at the forefront of AI policy and regulation including the National Institute of Standards and Technology (NIST), the Department of Defense, Fortune 50 AI companies, startups, and leading associations.

Chloe started her work in technology policy at Intel Corp., where she led the company's AI and emerging technology policy portfolio and the development of the enterprise Responsible AI program. She is an Adjunct AI Policy Advisor at the Institute for Security and Technology (IST) and a Faculty Lecturer at the Future of Privacy Forum (FPF), and serves on the board of Humane Intelligence. Her insights have been featured in Axios, Bloomberg, and other outlets. She holds an economics degree from UC Berkeley, where she studied a range of topics related to technology policy, data ethics, and the social implications of computing.

Helen Toner
Georgetown University Center for Security and Emerging Technology (CSET)

Helen Toner is the Director of Strategy and Foundational Research Grants at Georgetown's Center for Security and Emerging Technology (CSET). She previously worked as a Senior Research Analyst at Open Philanthropy, where she advised policymakers and grantmakers on AI policy and strategy. Between working at Open Philanthropy and joining CSET, Helen lived in Beijing, studying the Chinese AI ecosystem as a Research Affiliate of Oxford University's Center for the Governance of AI.

Helen has written for Foreign Affairs and other outlets on the national security implications of AI and machine learning for China and the United States, as well as testifying before the U.S.-China Economic and Security Review Commission. Helen holds an MA in Security Studies from Georgetown, as well as a BSc in Chemical Engineering and a Diploma in Languages from the University of Melbourne.

Taja Naidoo
Meta

Taja Naidoo is a senior policy manager at Meta, where she focuses on privacy and AI. With over 7 years of experience in industry, Taja has a wealth of knowledge and expertise in shaping emerging technology policy and governance. Prior to joining Meta, Taja worked for the Irish government. While in this role, she drove progress on smart city technologies and the establishment of innovation campuses, and was instrumental in creating structures and partnerships that fostered collaboration between government, industry, and academia, such as the "Smart Docklands" program. At Meta, Taja leads proactive work on "Open Loop" — a global AI policy engagement platform which brings together diverse stakeholders to co-develop AI policies and frameworks. She also works closely with cross-functional teams within Meta to develop internal positions that protect user privacy and underpin strong and coordinated AI governance with respect to new technologies and products. The most recent Open Loop program focused on generative AI risk management and explored NISTs AI RMF 1.0 and NIST AI 600-1 (Generative AI Profile) in detail with a group of 40 companies in an effort to provide practical recommendations to NIST and support their ongoing work in this area

Jessica Newman
University of California, Berkeley Center for Long-Term Cybersecurity

Jessica Newman is the Director of the AI Security Initiative, housed at the UC Berkeley Center for Long-Term Cybersecurity. She is also the Co-Director of the UC Berkeley AI Policy Hub. Through these programs, she leads research efforts in partnership with the public and private sector, supports graduate student researchers, facilitates university events, and publishes and speaks widely on the governance, policy, and security implications of artificial intelligence.

She serves on several AI governance and standards bodies including the OECD Expert Group on AI Risk & Accountability, the U.S. AI Safety Institute Consortium, the IEEE Working Group on Recommended Practice for Organizational Governance of Artificial Intelligence, and the World Economic Forum AI Governance Alliance

Chris Meserole
Frontier Model Forum

Dr. Chris Meserole is the executive director of the Frontier Model Forum, an industry-supported non-profit dedicated to advancing frontier AI safety. An expert in AI safety and security, Meserole is focused on developing best practices for the safe development and deployment of leading AI systems. Meserole previously served as the director of the AI and Emerging Technology Initiative at the Brookings Institution.

Addressing Synthetic Content

Rob Reich
National Institute of Standards and Technology

Rob Reich is senior advisor for the U.S. Artificial Intelligence Safety Institute at the National Institute of Standards and Technology. In this role, he will advise the AI Safety Institute and lead engagement with civil society organizations to help ensure that AISI efforts reflect the feedback and input of a diversity of stakeholders.

Reich will be on public service leave from Stanford University, where he is a professor of political science, associate director of the Institute for Human-Centered AI, co-director of the Center on Philanthropy and Civil Society, and past director of the Center for Ethics in Society. He has authored a number of books that address technology, ethics and policy.

He holds a Ph.D. in the philosophy of education from Stanford University and a B.A. in philosophy from Yale University.

Katherine Lee
Google DeepMind

Katherine is a senior research scientist at Google DeepMind. Her work has provided essential empirical evidence and measurement for grounding discussions around concerns that language models infringe copyright, and about how language models can respect an individuals' right to privacy and control of their data. Additionally, she has developed large language models (T5), developed methods of reducing memorization, and studied the impact of data curation on model development. Her work has been highly awarded at venues like: ACL, USENIX, and ICLR.

Rebecca Portnoff
Thorn

Dr. Rebecca Portnoff is Vice President of Data Science at Thorn. She holds a B.S.E. from Princeton and a Ph.D. from UC Berkeley, both in Computer Science, and has been working in the intersection of ML/AI and child safety for over a decade. The ML/AI and algorithmic solutions her team builds to combat child sexual abuse have global impact: used across hundreds of LE agencies, hotlines and technology companies. She acts as an ecosystem leader to address emerging threats against children via novel research and cross-industry collaborations, bridging the gap between child safety experts and technologists. Rebecca is an MIT Tech Review 35 under 35 innovator, and serves on the AI for Safer Children Advisory Board.

Leonard Rosenthol
Adobe Systems

Leonard Rosenthol is a Senior Principal Scientist with Adobe Systems and serves as their PDF Architect having been involved with PDF technology for more than 20 years. Recently he also took on the responsibility for architecture of their Content Authenticity Initiative. In his role as Senior Standards Representative for Adobe, he represents Adobe on various international standards bodies including the ISO and W3C. Prior to joining Adobe (for the first time) in 1996, Leonard was the Director of Advanced Technology for Aladdin Systems and responsible for the development of the StuffIt line of products.

William Corvey
DARPA Innovation Information Office

Dr. Wil Corvey joined DARPA as a program manager in the Information Innovation Office (I2O) in June 2020 to develop, execute, and transition programs in human language technology, artificial intelligence, and related areas. Prior to joining DARPA, Corvey served as a computational linguist with the United States Department of Defense. In this role they performed human language technology R&D, including multilingual natural language processing, information retrieval, and machine learning, with experience in knowledge-based, statistical, and neural techniques for automated linguistic analysis. Corvey received a joint doctorate in linguistics and cognitive science from the University of Colorado at Boulder.

Day 2: September 25, 2024

AI Standards: Plans, Progress, and Call to Action

Jesse Dunietz
National Institute of Standards and Technology

Jesse Dunietz is a computer scientist at NIST, where he leads international engagements on AI, technical assistance on AI policy, and AI standards work for the NIST AI Innovation Lab. He holds a bachelor's from MIT and a Ph.D. from Carnegie Mellon University (CMU), both in computer science. His technical background includes research in natural language processing and linguistic annotation at CMU, MIT, Google, and a small startup. He has also trained hundreds of researchers in science communication and written many articles and video scripts for mass media outlets. Prior to his current position, he was a AAAS Science and Technology Policy Fellow at the U.S. Department of State, where he led the Department's international work on AI and human rights.

Alex Givens
Center for Democracy and Technology

Alexandra Reeve Givens is the CEO of the Center for Democracy & Technology, a nonpartisan, nonprofit organization fighting to protect civil rights and civil liberties in the digital age. At CDT, Alex leads an international team of lawyers, policy experts, and technologists who want technology to work for people. CDT advocates to policymakers and the courts in the U.S. and Europe, works with tech companies to improve their policies and product designs, and shapes public opinion on major tech policy issues. Alex previously served in the United States Senate, as the chief counsel on the Senate Judiciary Committee covering innovation and consumer protection. Prior to joining CDT, she was the founding Executive Director of Georgetown University's Institute for Technology Law & Policy, where she set the Institute's research agenda, and directed its public convenings, policy work, and strategic development. Alex serves on the board of the Christopher & Dana Reeve Foundation, the leading organization supporting research and resources for individuals and families impacted by paralysis, which is named for her late father, Christopher Reeve. She also serves on the Board of the Urban Institute; on advisory boards for the Aspen Institute, World Economic Forum, and Partnership on AI; and as a judge for the Webby Awards.She holds a B.A. from Yale University and a J.D. from Columbia University School of Law.

Courtney Lang
Information Technology Industry Council

Courtney Lang is Vice President of Policy for Trust, Data, and Technology at the Information Technology industry Council. In this role, she directs ITI's AI Futures Initiative -- a group aimed at crafting action-oriented AI policy recommendations and addressing emerging questions around AI -- and is responsible for setting ITI's global AI policy agenda. She has led efforts to develop broad-based recommendations for policymakers on AI, including ITI's recently released AI Accountability Framework. She also manages ITI's cybersecurity policy portfolio.

Courtney is also a Non-Resident Senior Fellow at the Atlantic Council's GeoTech Center, where she focuses on global Artificial Intelligence policy, including how to foster the responsible development and use of AI while allowing for continued innovation. She is particularly interested in the intersection of AI technology, competitiveness, and geopolitics and seeks to incorporate these themes in her work. She also serves as an expert to the OECD and the Global Partnership on AI (GPAI).

Prior to joining ITI, Courtney worked at the U.S. Department of Commerce's International Trade Administration (ITA), where she focused on understanding the business priorities of U.S. technology companies and devised strategies to help them overcome trade barriers in markets overseas. Courtney has been quoted in The New York Times, Politico, The Washington Post, Inside Cybersecurity, and other publications. Courtney holds an MA in Security Studies from Georgetown University and a BA in Political Science from Duke University.

Rohit Israni
International Committee for Information Technology Standards

Rohit is the founder and CEO of Certient AI. He is also the Chair for INCITS/ Artificial Intelligence, the US TAG to ISO/IEC (ISO/IEC JTC 1/SC 42). He is also the liaison for SC 42 with the Organization of Economic Cooperation and Development (OECD). Prior to founding Certient AI, he led Intel's global scale ecosystem enabling programs in the Developer Relations Division for AI, Datacenter and Network, of which he co-founded the AI partnership program (Intel AI Builders). Rohit earned a masters' degree in engineering with a specialization in robotics and AI from Tulane University. He also holds a master's degree in management science & engineering from Stanford University where he was a part of the Stanford Technology Ventures Program.

Rebecca Finlay
Partnership on AI

Rebecca Finlay is CEO at Partnership on AI, a global nonprofit bringing together a cross-sectoral community of over 100 partners in 17 countries to ensure developments in AI advance positive outcomes for people and society. With an influential career at the intersection of technology and society, Rebecca has held leadership roles in civil society, research organizations and industry. Prior to PAI, she founded the AI & Society program at global research organization CIFAR, one of the first international, multistakeholder initiatives on the impact of AI in society. Rebecca's insights have been featured in books and media including The Financial Times, The Guardian, Politico and Nature Machine Intelligence. She speaks at venues such as SXSW, Wall Street Journal, OECD, FTC, and the UK AI Safety Summit. She is a Fellow of the American Association for the Advancement of Sciences (AAAS) and sits on advisory bodies in Canada, France and the U.S. She lives in Toronto and holds degrees from McGill and the University of Cambridge

Towards Socio-technical Evaluations: Recent Successes and Future Directions

Jon Fiscus
National Institute of Standards and Technology

Mr. Jonathan Fiscus is a computer scientist in the Multimedia Information Group at the National Institute of Standards and Technology where he is the technical lead for several metrology development efforts in the text processing, speech transcription, computer vision, media forensics, and artificial intelligence areas. He designed the Recognizer Output Voting Error Reduction (ROVER) system which was the first successful method to fuse the output of multiple speech recognizers in order to reduce error rates spawning the language technology fusion research area. The main thrust of his research is to
design and implement new metrology techniques in order to facilitate research and development of computer-based recognition and detection technologies for government-sponsored research. In his 36 years at NIST, has taken part in over 40 open evaluations in the fields of Automatic Speech Recognition, Named Entity Detection, Language Understanding and Dialogue Systems, Rich Transcription, Topic Detection and Tracking, Spoken Term Detection, Video Event Detection, Multi-Camera Person Tracking, Media Forensics, and most recently Sociotechnical Evaluations.

Cathy O'Neil
O'Neil Risk Consulting and Algorithmic Auditing

Cathy O'Neil earned a Ph.D. in math from Harvard and worked as a math professor at Barnard College before switching over to the private sector, working as a quant for the hedge fund D.E. Shaw and as a data scientist in the New York start-up scene. She is a regular contributor to Bloomberg Opinion and in 2016 wrote the book Weapons of Math Destruction: how big data increases inequality

and threatens democracy. She is the CEO of ORCAA, an algorithmic auditing company, and is a member of the Public Interest Tech Lab at the Harvard Kennedy School. Her new book The Shame Machine: who profits in the new age of humiliation came out in March 2022.

Brian Anderson
Coalition for Health AI

Dr. Brian Anderson is the Chief Executive Officer of the Coalition for Health AI (CHAI), a non-profit coalition he co-founded in 2021. CHAI is focused on developing a set of consensus-driven guidelines and best practices for Responsible AI in Health, as well as supporting the ability to independently test and validate AI for safety and effectiveness. Prior to leading CHAI, Dr. Anderson was the Chief Digital Health Physician at MITRE, where he led research and development efforts across major strategic initiatives in digital health alongside industry partners and the U. S. Government. He was responsible for leading much of MITRE's work during the COVID-19 pandemic, working closely with the White House COVID Task Force, as well as Operation Warp Speed. He also led MITRE's largest R&D effort in Oncology, focusing on the initial development of mCODE and the use of AI in more efficient and inclusive clinical trial design. Dr. Anderson is an internationally recognized author and expert in digital health, and is regularly engaged as a speaker on digital health innovation, health standards development, clinical decision support systems, and interoperability. Prior to MITRE, Anderson led the Informatics and Network Medicine Division at athenahealth. He has also served on several national, and international, health information technology committees in partnership with the Office of the National Coordinator (ONC), the National Institutes of Health (NIH) and the Organization for Economic Cooperation and Development (OECD)

Doug Reynolds
MIT Lincoln Laboratory

Dr. Douglas Reynolds is a Senior Member of Technical Staff at the Massachusetts Institute of Technology's Lincoln Laboratory in the Artificial Intelligence Technology and Systems Group. Doug has been involved with the development and evaluation of machine learning systems for several applications in speech processing, including speaker and language recognition, for over 30 years.

Laura Weidinger
Google DeepMind

Laura Weidinger is a Staff Research Scientist at Google DeepMind, where she leads research on ethics and safety evaluation of AI systems. Laura's work has focused on taxonomising, measuring and mitigating risks from generative AI systems and on developing novel evaluation approaches for AI. Previously, Laura worked in cognitive science research and as policy advisor at UK and EU levels. She holds degrees from Humboldt Universität Berlin and University of Cambridge.

Using the NIST AI Risk Management Framework in Government

Martin Stanley
National Institute of Standards and Technology

Martin Stanley, AI and Cybersecurity Researcher, leads efforts to promote the operationalization of the NIST AI RMF at the National Institute of Standards and Technology AI Innovation Laboratory. Martin previously led the Emerging Technology and R&D Program at CISA and the Enterprise Cybersecurity Program at the U.S. Food and Drug Administration. Prior to his federal service, Martin held executive leadership positions at Vonage and UUNET Technologies. Martin co-authored "Digital Health", an Oxford University Press Publication.
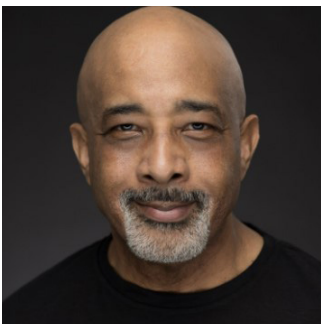
Matthew Johnson
Chief Digital and AI Office (CDAO), Department of Defense

Dr. Matthew Kuan Johnson serves as Chief of Responsible AI (RAI) for the U.S. Department of Defense (DoD), where his team is based within the Chief Digital and Artificial Intelligence Office (CDAO). As the DoD's lead for Responsible AI, his Division builds the technical tools, assessments, best practices, governance processes, and training within the Department that support the operationalization and implementation of Responsible AI and the DoD AI Ethical Principles – in addition to serving as the Department's primary technical advisor on Responsible AI. Recently, his Division produced and issued the Department's guidance on Generative AI development and use.

Dr. Johnson is also the Chief Architect of the DoD's Responsible AI Toolkit and Web App, which contains integrated assessments, tools, and a risk management framework for implementing responsible AI and managing risk. He serves as the US representative to NATO's Data & AI Review Board (DARB), where he co-chairs the sub-group on Assessments, Toolkits, and Standards; and chairs the Risk Management Working Group for the US Government's Chief AI Officer Council, which is tasked with developing the recommended risk management process and resources for complying with the White House's AI policies and associated requirements.

Mike Horton
Department of Transportation

Dr. Mike Horton is the acting Chief Artificial Intelligence Officer of the US Department of Transportation and is responsible for coordinating the Department's use of Artificial Intelligence (AI), promoting AI innovation, and managing the risks from the use of AI by managing a program that supports the Department in identifying and managing risks from AI, working with senior officials to establish or update processes to measure, monitor, and evaluate the ongoing performance of agency AI applications, and overseeing agency compliance requirements to manage risks from the use of AI including risk assessments of AI applications and use cases to ensure compliance with Federal guidelines and regulations. He also serves as a part-time teaching professor at Northeastern University and an

adjunct professor at George Mason University. Previously he worked at the US Department of the Treasury as a senior analyst, St. Joseph's University Erivan K. Haub School of Business as an adjunct professor, and as an analyst at the US Department of Labor. He holds a doctoral degree in Business Administration and an MS in Artificial Intelligence and Machine Learning from Drexel University, an MS in Business Intelligence and Analytics from St. Joseph's University, and a BS in Computer Science from the United States Military Academy at West Point.

Diane Staheli
National Security Council

Diane Staheli currently serves as the Director of AI and Emerging Technology at the National Security Council of The White House. She also works at the Massachusetts Institute of Technology's Lincoln Laboratory as the Assistant Group Leader of Artificial Intelligence Technology. Previously, she served as the Chief Digital and Artificial Intelligence Officer (CDAO) Chief of Responsible Artificial Intelligence (RAI) at the Department of Defense. She has more than 20 years of experience in AI, technology development, data analytics, human factors, and cyber operations. Prior to her current role, Staheli managed programs supporting the Intelligence Community, U.S. Cyber Command, the Joint Artificial Intelligence Center, the Combatant Commands and the Air Force. She has also worked in industry at a home networking startup and a global information security company. She holds an MA degree in software engineering from Harvard University and an MS degree in human factors from Bentley University.

Victoria Espinel
BSA | The Software Alliance

Victoria Espinel is a global leader advancing the future of technology innovation. As CEO of BSA | The Software Alliance, Victoria has grown the organization's worldwide presence in over 30 countries, distinguishing BSA as the leader for enterprise software companies on issues including artificial intelligence, privacy, cybersecurity, and digital trade. Prior to BSA, Victoria spent a portion of her career in government service, serving as the first White House "IP Czar," establishing a new office in the White House and advising President Obama on intellectual property. She also served in the Bush Administration as the first chief US trade negotiator for intellectual property and innovation. Victoria launched Girls Who Code's Washington, DC, summer program and serves on the Board of Directors for ChIPs. She is a lifetime member of the Council on Foreign Relations, and holds an LLM from the London School of Economics, a JD from Georgetown University Law School, and a BS in Foreign Service from Georgetown University's School of Foreign Service. She is a native of Washington, DC, and the proud proprietor of the James Beard Award-winning restaurant Jewel of the South in New Orleans.

Building on the NIST AI Risk Management Framework Internationally

Alex Engler
White House Office of Science and Technology Policy

Alex Engler is the Director for Technology and Democracy at the National Security Council of The White House and the Assistant Director for AI Policy at the White House Office of Science and Technology Policy. Prior to this role he was a fellow at the the Brookings Institution and an associate fellow at the Center for European Policy Studies, where I studied the implications of artificial intelligence and emerging data technologies on society and governance, and also taught courses on data science and technology to public policy students at the Georgetown's McCourt School of Public Policy, the University of Chicago and Johns Hopkins University. Previously, he ran UChicago's MS in Computational Analysis and Public Policy and designed the MS in Data Science and Public Policy at Georgetown University. Engler was the first data scientist and a principal investigator at the Urban Institute, where he helped found the Office of Technology and Data Science. He was also a senior consulting data scientist to MDRC's Center for Data Insights. He holds a Masters in Public Policy from Georgetown University, a Masters of Science in Predictive Analysis from Northwestern University, and a Bachelor's Degree in Economics from American University.

Eileen Donahoe
Department of State's Bureau for Cyberspace and Digital Policy

Eileen Donahoe serves as the Special Envoy to Coordinator for Digital Freedom in the U.S. Department of State's Bureau of Cyberspace and Digital Policy (CDP). Previously, Dr. Donahoe served as the Executive Director of the Global Digital Policy Incubator at Stanford University, a multistakeholder collaboration hub focused on implications of digital technology for democracy and human rights. She served as the first US Ambassador to the United Nations Human Rights Council in Geneva during the Obama Administration. After leaving government, she was Director of Global Affairs at Human Rights Watch where she represented the organization worldwide on human rights foreign policy, with a special focus on internet governance and digital security. Dr. Donahoe is a former member of the Board of Directors of the National Endowment for Democracy; the Board of Trustees of the Carnegie Endowment for International Peace; and the Board of Trustees of Dartmouth College. She also served on Microsoft's Human Rights and Technology Advisory Board; the Independent Advisory Council of the Global Internet Forum to Counter Terrorism; the Board of Advisors for the Carnegie Council Artificial Intelligence and Equality Initiative; and the Freedom Online Coalition Advisory Network. Previously, she was a technology litigator at Fenwick & West in Silicon Valley. She holds an A.B. from Dartmouth, an M.T.S. from Harvard, a J.D. from Stanford Law School, an M.A. in East Asian Studies from Stanford, and a Ph.D. in Ethics and Social Theory from the GTU in the Cooperative Program with UC Berkeley. She is a member of the Council on Foreign Relations.

Roy Sugimura
Japan National Institute of Advanced Industrial Science and Technology

Dr. Roy Sugimura is the Chief Coordination Officer of Japan's National Institute of Advanced Industrial Science and Technology (AIST), a public organization that conducts basic and applied research in various fields of science and technology. Previously, Dr. Sugimura worked as the Vice President of ESTEEMO by NEC and Panasonic, founded the LiMo Foundation, worked as the director for Strategic Alliance at NTT-DOCOMO, the Chairman of the Tizen Association, completed dual work as the head of ISO/IEC JTC1?SC 42 Mirror Committee of Japan, and served as a member of the board and auditing committee of FueTrek. He also currently serves as a visiting professor of Tsukuba University. He holds a Ph.D. from Kyoto University and an MA from Lancaster University.

Lee Wan Sie
Singapore Info-Communications Media Development Authority

Lee Wan Sie is the Director for Data-Driven Tech at Singapore's Infocomm Media Development Authority. In the area of AI, her responsibilities include driving Singapore's approach to AI governance, growing the trustworthy AI ecosystem in Singapore and collaborating with governments around the world to further the development of safe and responsible AI. This includes developing AI regulatory policies and building capabilities through tools and frameworks. She is also responsible for enabling use of emergent data technologies, such as privacy enhancing tech, in Singapore. Wan Sie has extensive experience in technology use in the public sector – prior to her current role, she developed Singapore's strategies for Digital Economy and Smart Nation, drove tech experimentation and innovation as head of IDA Labs, and implemented government digital services that helped Singapore become one of the easiest places in the world to do business. Outside of Singapore, she has worked with governments around the world in their national digitalisation efforts. Wan Sie actively supports Women in Tech in Singapore, to encourage young women to take up a career in technology.

Karine Perset
Organization for Economic Co-operation and Development (OECD)

Karine Perset is the Acting Head of the OECD AI and Emerging Digital Technologies Division, where she oversees the OECD.AI Policy Observatory, the Global Partnership on AI (GPAI) & integrated network of experts as well as the OECD Global Forum on Emerging Technologies. She oversees the development of analysis, policies and tools inline with the OECD AI Principles. She also helps governments manage the opportunities and challenges that AI and emerging technologies raise for governments. Previously she was Advisor to ICANN's Governmental Advisory Committee and Counsellor of the OECD's Science, Technology and Industry Director.
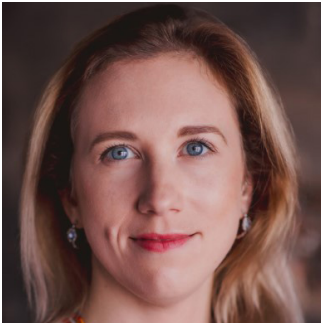
Evi Fuelle
Credo AI

Evi Fuelle is Global Policy Director at Credo AI, an AI Governance SaaS Platform, where she leads and manages Credo AI's policy team. Prior to joining Credo AI, Evi served as Advisor, Digital Economy Policy at the Delegation of the European Union to the United States of America (2019-2022), after four years (2015-2019) at the Information Technology Industry Council (ITI). Prior to joining ITI, Evi worked in the Trade Promotion Coordinating Committee (TPCC) at the U.S. Department of Commerce, and the Trans-Atlantic Business Council (TABC), focusing on trans-Atlantic trade and data flows. Evi received her M.A. in Political Science (European Union Policy Studies concentration) from James Madison University in partnership with the European University Institute (EUI) in Fiesole, Italy, and earned her B.A. in International Affairs from James Madison University. Evi Fuelle is Global Policy Director at Credo AI, an AI Governance SaaS Platform, where she leads and manages Credo AI's policy team. Prior to joining Credo AI, Evi served as Advisor, Digital Economy Policy at the Delegation of the European Union to the United States of America (2019-2022), after four years (2015-2019) at the Information Technology Industry Council (ITI). Prior to joining ITI, Evi worked in the Trade Promotion Coordinating Committee (TPCC) at the U.S. Department of Commerce, and the Trans-Atlantic Business Council (TABC), focusing on trans-Atlantic trade and data flows. Evi received her M.A. in Political Science (European Union Policy Studies concentration) from James Madison University in partnership with the European University Institute (EUI) in Fiesole, Italy, and earned her B.A. in International Affairs from James Madison University.

Measuring AI's Environmental Impact

Josh Saul
Bloomberg News

Josh Saul is an energy reporter at Bloomberg News. He focuses on the electric grid and power companies, clean energy and climate goals as well as the growing energy demand from users including data centers and artificial intelligence. He grew up in Anchorage, Alaska and now lives in New York City.

Sasha Luccioni
Hugging Face

Dr. Sasha Luccioni is the AI & Climate Lead at Hugging Face, a global startup in responsible open-source AI, where she spearheads research, consulting and capacity-building to elevate the sustainability of AI systems. Sasha is also a founding member of Climate Change AI (CCAI) and a board member of Women in Machine Learning (WiML), where she organizes events and serves as a mentor to under-represented minorities within the AI community. In 2024, TIME Magazine recognized Sasha as one of the 100 most influential people in AI.

Arti Garg
Hewlett-Packard Enterprise

Arti Garg is Chief Strategist of AI Solutions at Hewlett Packard Enterprise (HPE). Previously she held data science leadership roles in a number of sectors including renewable energy, industrial products, and data center operations. In the past, Dr. Garg worked for the White House Budget Office where she oversaw R&D investments at the Department of Energy. She holds a PhD in Physics from Harvard University and an MS in Aeronautical & Astronautical Engineering and Bachelor's degrees in Physics and English from Stanford University.

Eric Masanet
University of California, Santa Barbara

Eric Masanet is the Mellichamp Chair in Sustainability Science for Emerging Technologies at the University of California, Santa Barbara, where is also a Professor in the Bren School of Environmental Science and Management and (by courtesy) in the Department of Mechanical Engineering. He has (co-)authored more than 150 scientific publications on sustainability modeling of energy and materials demand systems, with particular focuses on data centers and IT systems. He has held numerous service roles to help advance energy and climate technology policy and their scientific evidence bases. These include service as: Head of the Energy Demand Technology Unit at the International Energy Agency in Paris (2015-2017), a Lead Author of the Intergovernmental Panel on Climate Change's (IPCC's) Sixth Assessment Report (WGIII, Chapter 5: Demand), an author of the Fifth U.S. National Climate Assessment (NCA5), a member of the Research

Advisory Board of the American Council for an Energy Efficient Economy (2019-2024), and as a Consultant at the U.S. White House Office of Science and Technology Policy (2022-2024). He holds a PhD in mechanical engineering, with an emphasis on sustainable design and manufacturing, from the University of California, Berkeley.

Udit Gupta
Cornell University

Udit Gupta is an Assistant Professor at Cornell University's Department of Electrical and Computer Engineering. His research lies at the intersection of computer architecture, systems for machine learning, and sustainable computing. His research focuses on discovering and demonstrating new ways to design systems and hardware to improve the performance, efficiency, and environmental sustainability of next-generation computing platforms and emerging applications. His work has been evaluated at-scale in industry use cases, open-sourced, featured in news articles from outlets like Bloomberg and CNBC, and received the IEEE MICRO Top Picks Award (2022) and Honorable Mention (2021).He has a PhD in computer science at Harvard University, during which he worked as a Visiting Research Scientist at Meta AI, and a BS from Cornell in Electrical & Computer Engineering.

Elham Tabassi
National Institute of Standards and Technology

In addition to serving as NIST Chief AI Advisor and Associate Director for Emerging Technologies in NIST's Information Technology Laboratory (ITL), Elham Tabassi leads NIST's Trustworthy and Responsible AI program that aims to cultivate trust in the design, development, and use of AI technologies by improving measurement science, standards, and related tools in ways that enhance economic security and improve quality of life. She has been working on various machine learning and computer vision research projects with applications in biometrics evaluation and standards since she joined NIST in 1999. Tabassi is the principal architect of NIST Fingerprint Image Quality (NFIQ), an international standard for measuring fingerprint image quality which has been deployed in many large-scale biometric applications worldwide. Among her other roles at NIST, Tabassi has served as ITL Chief of Staff. She is a member of the National AI Resource Research Task Force, the US Government's AI Standards Coordinator, a senior member of IEEE, and a fellow of Washington Academy of Sciences. In September 2023, Tabassi was named by TIME magazine as one of the "100 Most Influential People in AI."