Panel 1: What is Generative AI and its Limitations?

Trenton Ford

Trenton W. Ford, Assistant Professor of Data Science, earned his Ph.D. in Computer Science from the University of Notre Dame. Professor Ford's research focuses on media and misinformation. His teaching assignments will include data science, network science, and social media topics.


Steven Truitt

Mr. Steven Truitt is a Principal Program Manager at Microsoft leading work on the practical applications of hyper-scale AI for critical missions. Prior to joining Microsoft, Steven was CTO of Kimetrica, a humanitarian technology company applying AI to detect and avoid food insecurity and conflict emergence. Additionally, he has worked on advancing remote sensing technologies within the IC and DoD through various senior leadership and advisory roles at startups, FFRDCs, and contractors.

Janice Zhang

Yixuan ("Janice") Zhang is an Assistant Professor in the Department of Computer Science at William & Mary. She received her Ph.D. in Human-Centered Computing at Georgia Tech. Her research broadly lies in human-computer interaction (HCI), human-LLM-interaction, data visualization (VIS), equitable computing, and the interdisciplinary fields of crisis informatics and health informatics. She regularly publishes in premier HCI and visualization venues, such as ACM CHI, CSCW, and IEEE VIS. Her research has been well recognized by academia: she has received multiple Best Paper Awards and Honorable Mentions at top-tier venues; she was named a Rising Star in EECS 2022 and selected as a Foley Scholar. The impact of her research extends beyond academia; for example, she was invited to present her work to broader audiences, such as the World Health Organization (WHO).
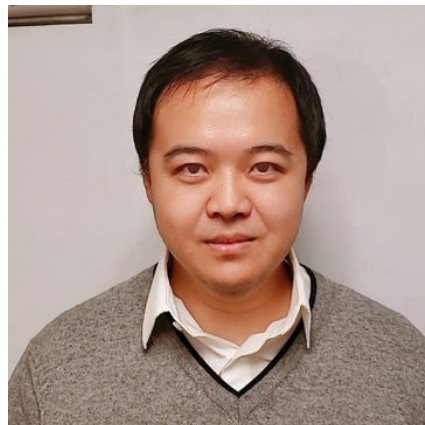
Yanfu Zhang

Yanfu Zhang is an assistant professor in computer science at William and Mary. He obtained his Ph.D. in Electrical and Computer Engineering at the University of Pittsburgh, supervised by Prof. Heng Huang. His research interests span graph neural networks, efficient and robust representation learning, and fairness-aware machine learning, with applications to medical images, multi-omics, and other relevant data mining and machine learning problems. His works have been published in top-tier conferences and prestigious journals, such as KDD, ICML, NeurIPS, ICCV, ECCV, WebConf (WWW), ICDM, IPMI, MICCAI, Nuclei Acids Research, and PNAS Nexus.

Iria Giuffrida

Dr. Iria Giuffrida is a Professor of the Practice of Law at William & Mary Law School and serves as Visiting Faculty for Business Law at the Raymond A. Mason School of Business.

Professor Giuffrida's research focuses on the legal issues arising from the increasing use of artificial intelligence, the rapid growth of the Internet of Things, and related emerging technologies. She has an interest in smart cities, which she researches through the lens of governance and accountability as well as cybersecurity. Professor Giuffrida teaches the Law School's innovative artificial intelligence course, and co-teaches an interdisciplinary seminar on cyber and information security. She is involved in grant-funded experiential projects aimed at increasing diversity in the cybersecurity industry.

In her previous professional life, she was a commercial litigator and gained substantial experience in international alternative dispute resolution. Now a "recovering" litigator, she is also drawn to the interaction between technology and the administration of justice.

Professor Giuffrida is admitted to practice in the State of New York, is a Solicitor in England and Wales, and has qualified as a Solicitor in the Republic of Ireland. She is also a certified information privacy professional (CIPP/US).

Professor Giuffrida graduated with an LL.B. in English and European Law from Queen Mary, University of London. She was the 2001 Drapers' Scholar at William & Mary Law School, where she obtained an LL.M. She was later awarded a Ph.D. in Law by Queen Mary, University of London.

Panel 2: How is Generative AI Being Used and How are Risks Managed Today?

Abby Gilbert

Dr. Gilbert is a public policy researcher specializing in AI governance within the workplace. In 2019, Dr. Gilbert joined the Institute for the Future of Work (IFOW), where she served as the Head of Research and is now a Director. She is currently establishing a cross-regulatory Sandbox on the responsible adoption of AI at work. Abby is a Board Member of the University of Manchester Work and Equalities Institute, and a peer reviewer for the Royal Society Open Science, Harvard Data Science Review, and Frontiers in Artificial Intelligence.

Osman Gazi Güçlütürk

Dr. Osman Gazi Güçlütürk is a Senior Policy Associate at Holistic AI, where he advises on regulatory requirements related to AI, with a primary focus on the EU AI Act. He holds an LL.B., an M.A., an LL.M., and an MJur degree from Galatasaray University, Ankara University, London School of Economics, and the University of Oxford, respectively. He obtained his PhD in law from Galatasaray University with his thesis on the lawful use of data in machine learning-based artificial intelligence." Prior to Holistic AI, Dr. Güçlütürk worked as a Visiting Fellow at Yale Law School's Information Society Project and as an Assistant Professor of IT Law at Boğaziçi University. Dr. Güçlütürk is a member of Joint Technical Committee 21 on Artificial Intelligence at CEN/CENELEC, and the sub-committee 42 on Artificial Intelligence at ISO/IEC.

Omar Santos

Omar Santos is a Distinguished Engineer at Cisco focusing on artificial intelligence (AI) security, cybersecurity research, incident response, and vulnerability disclosure. He is a board member of the OASIS Open standards organization and the founder of OpenEoX. Omar's collaborative efforts extend to numerous organizations, including the Forum of Incident Response and Security Teams (FIRST) and the Industry Consortium for Advancement of Security on the Internet (ICASI). Omar is the co-chair of the FIRST PSIRT Special Interest Group (SIG). Omar is the lead of the DEF CON Red Team Village and the chair of the Common Security Advisory Framework (CSAF) technical committee.

Omar is the author of over 25 books, 21 video courses, and over 50 academic research papers. Omar is a renowned expert in ethical hacking, vulnerability research, incident response, and AI security. He employs his deep understanding of these disciplines to help organizations stay ahead of emerging threats. His dedication to cybersecurity has made a significant impact on technology standards, businesses, academic institutions, government agencies, and other entities striving to improve their cybersecurity programs. Prior to Cisco, Omar served in the United States Marines focusing on the deployment, testing, and maintenance of Command, Control, Communications, Computer and Intelligence (C4I) systems.

Daniel Shin

Daniel Shin is the Cybersecurity Researcher at CLCT. He received his B.A. from Northwestern University and his M.A. from the University of Mannheim in Germany. He received his J.D. from William & Mary Law School, where he was a CLCT Graduate Fellow. Mr. Shin is admitted to practice in the Commonwealth of Virginia.

While in law school, Mr. Shin focused his legal studies on the intersection of technology and law, including Fourth Amendment search and seizure jurisprudence, national security law, and Rules of Evidence on authenticating digital exhibits.

Currently, Mr. Shin is actively participating in activities of the Commonwealth Cyber Initiative's Coastal Virginia Node and curates CLCT's Cybersecurity and Information Security Newsletter. His research area focuses on legal issues as they pertain to cybersecurity, blockchain technology, the Internet of Things, and artificial intelligence. Specifically, his interests involve the implications of deep learning technology and its social and legal impact on privacy and civil liberties.

Panel 3: Legal Implications of Generative AI

Laura Heymann

Laura Heymann joined the faculty in 2005. She is a graduate of the University of California at Berkeley School of Law, where she was elected to Order of the Coif and served as the Book Review Editor on the California Law Review.

Prior to her appointment, Professor Heymann was the inaugural Frank H. Marks Visiting Associate Professor of Law and Administrative Fellow in the Intellectual Property Law Program at the George Washington University Law School. She has also served as an assistant general counsel at America Online, Inc.; as an associate at Wilmer, Cutler and Pickering in Washington, D.C.; and as a law clerk to the Hon. Patricia M. Wald of the U.S. Court of Appeals for the District of Columbia Circuit. Prior to attending law school, Professor Heymann worked as an assistant editor at St. Martin's Press in New York. She received her B.A. in English, magna cum laude, from Yale. Professor Heymann was selected by the 2008 graduating class as the recipient of the Walter L. Williams, Jr., Memorial Teaching Award and was the 2012 recipient of the College's Thomas Jefferson Teaching Award. She received a Plumeri Award for Faculty Excellence in 2012 and was the Class of 2014 Professor of Law from 2011 to 2014. She served as Vice Dean of the Law School from 2013 to 2017.

Anjanette (Angie) Raymond

Dr. Anjanette (Angie) Raymond is the Director of the Program on Data Management and Information Governance at the Ostrom Workshop, is a Professor in the Department of Business Law and Ethics, at the Kelley School of Business, Indiana University, and an Adjunct Professor of Law at Maurer Law School (Indiana). She completed her PhD at the Centre for Commercial Law Studies, Queen Mary, University of London where she researched the creation of policy to assist in Managing Bias, Partiality, and Dependence in Online Justice Environments. Angie has written widely in the areas of online dispute resolution, data governance, artificial intelligence governance, privacy, international finance, and commercial dispute resolution in such publications as the *Harvard Negotiation Law Review, Cardozo Journal of Conflict Resolution, Journal of Dispute Resolution, Wisconsin Law Review, Northwestern Journal of Technology and Intellectual Property*, and the *American Review of International Arbitration*. Angie is currently one of the US National Consultant to United Nations Commission on International Trade Law (UNCITRAL) reporting on Electronic Commerce related issues and has previously attended the United Nations Commission on International Trade Law Online Dispute Resolution Working Group. She is an identified expert in Online Dispute Resolution (ODR) at the Asia-Pacific Economic Cooperation (APEC) where she is one of the academic leads in the Collaborative Framework project on cross-border ODR.

Scott Shackelford

Professor Scott J. Shackelford is a Professor of Business Law and Ethics at the Indiana University Kelley School of Business. He serves as the Executive Director of the Center for Applied Cybersecurity Research, as well as the Executive Director of the Ostrom Workshop. He is also an Affiliated Scholar at both the Harvard Kennedy School's Belfer Center for Science and International Affairs and Stanford's Center for Internet and Society.

Professor Shackelford has written more than 100 articles, book chapters, essays, and op-eds for diverse publications. Similarly, Professor Shackelford's research has been covered by an array of outlets, including Politico, NPR, CNN, Forbes, Time, the Washington Post, and the LA Times. He is the author of *The Internet of Things: What Everyone Needs to Know* (Oxford University Press, 2020), *Governing New Frontiers in the Information Age: Toward Cyber Peace* (Cambridge University Press, 2020), and *Managing Cyber Attacks in International Law, Business, and Relations: In Search of Cyber Peace* (Cambridge University Press, 2014). He is also the lead editor of the first volume dedicated to cyber peace entitled *Cyber Peace: Charting a Path Toward a Sustainable, Stable, and Secure Cyberspace* (Cambridge University Press, 2022).

Both Professor Shackelford's academic work and teaching have been recognized with numerous awards, including a Harvard University Research Fellowship, a Stanford University Hoover Institution National Fellowship, a Notre Dame Institute for Advanced Study Distinguished Fellowship, the 2014 Indiana University Outstanding Junior Faculty Award, the 2015 Elinor Ostrom Award, and the 2022 Poets & Quants Best 40-Under-40 MBA Professors Award.

Nicholas Vermeys

Nicolas Vermeys, LL. D. (Université de Montréal), LL. M. (Université de Montréal), CISSP, is the Director of the Centre de recherche en droit public (CRDP), the Associate Director of the Cyberjustice Laboratory, and a Professor at the Université de Montréal's Faculté de droit.

Mr. Vermeys is a member of the Quebec Bar, as well as a certified information system security professional (CISSP) as recognized by (ISC)2, and is the author of numerous publications relating to the impact of technology on the law, including Droit codifié et nouvelles technologies : le Code civil (Yvon Blais, 2015), and Responsabilité civile et sécurité informationnelle (Yvon Blais, 2010).

Mr. Vermeys' research focuses on legal issues pertaining to artificial intelligence, information security, developments in the field of cyberjustice, and other questions relating to the impact of technological innovations on the law. He is often invited to speak on these topics by the media, and regularly lectures for judges, lawyers, professional orders, and government organizations, in Canada and abroad.

Moderator:

Margaret Hu

Margaret Hu is the Taylor Reveley Research Professor and Professor of Law, and Director of the Digital Democracy Lab, at William & Mary (W&M) Law School. She is a Faculty Affiliate with the Global Research Institute and Data Science at W&M, and a Research Affiliate with Pennsylvania State University's Institute for Computational and Data Sciences. Her research focuses on the intersection of civil rights, national security, cybersurveillance, and AI. She is author of several notable works, including *Biometric Cyberintelligence and the Posse Comitatus Act*, *Algorithmic Jim Crow*, and *Biometrics and an AI Bill of Rights.* She is editor of *Pandemic Surveillance: Privacy, Security, and Ethics* (Elgar Publishing 2022). She previously served as Special Policy Counsel in the Civil Rights Division of the U.S. Department of Justice. She holds degrees from the University of Kansas and Duke Law School.