Day 1: Tuesday March 29, 2022 Theme/Goals: All Aspects of the AI RMF		
Topic	**Speaker(s)**	**Panel Member's Suggested Resources**
Welcome, Workshop Goals and Logistics	*Elham Tabassi,* National Institute of Standards and Technology	
Opening Remarks	*Alondra Nelson,* Office of Science and Technology Policy	
Panel 1: AI Risk Framing and AI RMF Audience Discussion on how to provide a structured, yet flexible approach to framing AI risk--both enterprise and societal, and the intended audience for the AI RMF.	Moderator: *Hodan Omaar,* Center for Data Innovation, Information Technology & Innovation Foundation Panelists: *Tara Hairston,* Alliance for Automotive Innovation *Richard Mallah,* Future of Life Institute *Ufuk Topcu,* University of Texas at Austin *Christian Troncoso,* BSA: The Software Alliance	Confronting Bias: BSA's Framework to Build Trust in AI
Panel 2: AI RMF Function Map Discussion about the AI RMF Map Function (establish the context and apply the AI RMF taxonomy to frame risks related to an AI system).	Moderator: *Catherine Aiken,* Center for Security and Emerging Technology Panelists: *Christine Custis,* Partnership on AI *Rayid Ghani,* Carnegie Mellon University *Doug Johnson,* Consumer Technology Association *Marilyn Zigmund Luke,* America's Health Insurance Plans	Classifying AI Systems Classifying AI Systems and accompanying data visualization ML Resource Library ML Reference Document
Panel 3: AI RMF Function Measure Discussion about the AI RMF Measure Function (analysis, quantitative or qualitative assessment, and track risks related to an AI system and its impact).	Moderator: *Navrina Singh,* Credo AI Panelists: *Jack Clark,* Anthropic *David Danks,* University of California, San Diego *Jane Pinelis,* The Joint Artificial Intelligence Center, Johns Hopkins University Applied Physics Lab	Why and How Governments Should Monitor AI Development

Panel 4: AI RMF Function Manage Discussion about the AI RMF Manage Function (addressing the risks that have been mapped and measured to maximize benefits and minimize adverse impacts).	Moderator: *Brittany Smith,* Data & Society Panelists: *Jiahao Chen,* Parity AI *Vincent Southerland,* New York University School of Law *Grace Yee,* Adobe	The Ethics of AI Ethics: An Evaluation of Guidelines Managing Risks: A New Framework

Day 2: Wednesday March 30, 2022 Theme: All Aspects of the AI RMF		
Topic	**Speaker(s)**	**Panel Member's Suggested Resources**
Welcome	*Elham Tabassi,* National Institute of Standards and Technology	
Panel 5: AI RMF Function Govern Discussion about AI RMF Govern Function (cultivate and implement a culture of risk management within organizations developing, deploying, or acquiring AI systems).	Moderator: *Patrick Hall,* bnh.ai Panelists: *Natasha Crampton,* Microsoft *Agus Sudjianto,* Wells Fargo *Teresa Tung,* Accenture	5 things lawyers should know about artificial intelligence How to Fight Discrimination in AI A United States Fair Lending Perspective on Machine Learning Responsible AI: from principles to practice How brain-inspired technologies can support ethical AI Run Our Business Responsibly | COBE
Panel 6: Alignment of AI RMF with Standards and Frameworks Discussion about international standards and framework development	Moderator: *Stephanie Ifayemi,* Department for Digital, Culture, Media and Sport, United Kingdom Panelists: *Heather Benko*, American National Standards Institute *Sebastian Hallensleben,* VDE e. V. *Jeanna Matthews,* Clarkson University	AIST: National Institute of Advanced Industrial Science and Technology JISC: Japanese Industrial Standards Committee OECD AI classification Data Ethics Commission (Germany)

activities and how they can be leveraged for the AI RMF.	*Roy Sugimura,* National Institute of Advanced Industrial Science and Technology, Japan	Resources from Jeanna Matthews Statement on Algorithmic Transparency and Accountability Privacy, Equity, and Justice in Artificial Intelligence Democratic Use of Artificial Intelligence
Panel 7: International Perspectives Discussion about general trends and different approaches to AI governance and risk management in international contexts.	Moderator: *Mark Latonero*, National Institute of Standards and Technology Panelists: *Olufemi Adeluyi,* Ministery of Communications, Nigeria *Gry Hasselbalch,* InTouchAI.EU *Aurelie Jaquet,* Standards Australia *Karine Perset,,* Organisation for Economic Cooperation and Development	Proposal for a Regulation of the European Pariliament and of the Council Laying Down Harmonised Rules on Artificial Intelligence (ARTIFICIAL INTELLIGENCE ACT) and Amending Certain Union Legislative Acts Culture by design: A data interest analysis of the European AI policy agenda Data Ethics of Power: A Human Approach in the Big Data and AI Era White Paper on Data Ethics in Public Procurement of AI-based Services and Solutions A framework for a data interest analysis of artificial intelligence ALTAI - The Assessment List on Trustworthy Artificial Intelligence OECD Framework for the Classification of AI systems The OECD Framework for the Classification of AI systems 2-page summary The OECD Framework for Classifying AI Systems to assess policy challenges and ensure international standards in AI. From principles to practice: tools for implementing trustworthy AI, What are the tools for implementing trustworthy AI? A comparative framework and database. Scoping the OECD AI principles

Panel 8: Closing and Next Steps Workshop Synthesis: Bringing it all together.	*Elham Tabassi,* National Institute of Standards and Technology Panelists: *Catherine Aiken,* Center for Security and Emerging Technology *Patrick Hall,* bnh.ai *Mark Latonero*, National Institute of Standards and Technology *Hodan Omaar,* Center for Data Innovation, Information Technology & Innovation Foundation *Navrina Singh,* Credo AI	Classifying AI Systems Classifying AI Systems and accompanying data visualization 5 things lawyers should know about artificial intelligence How to Fight Discrimination in AI A United States Fair Lending Perspective on Machine Learning

Day 3: Thursday March 31, 2022 Theme: Contextual requirements for identifying and mitigating AI bias in socio-technical systems		
Topic	**Speaker(s)**	**Panel Member's Suggested Resources**
Introduction	*Reva Schwartz,* National Institute of Standards and Technology	
Panel 9: Field report – How does AI Bias *really* impact healthcare? Discussion about the human costs of AI bias in healthcare.	Moderator: *Miriam Vogel*, Equal AI Panelists: *Aneesh Chopra*, Care Journey *David Vawdrey*, Geisinger	The Latest from Miriam Vogel Board Responsibility for Artificial Intelligence Oversight
Panel 10: Who and what gets counted? Contextual requirements for datasets Discussion about contextual requirements for datasets used in AI.	Moderator: *Katie Shilton, The University of Maryland* Panelists: *Susan Aaronson,* George Washington University *Razvan Amironesei*, Google *Amandalynne Paullada,* University of Washington	Data and its (dis)contents: A survey of dataset development and use in machine learning research Excavating awareness and power in data science: A manifesto for trustworthy pervasive data research. *Big Data & Society* Listening to Users and Other Ideas for Building Trust in Digital Trade Could Trade Agreements Help Address the Wicked Problem of Cross-Border Disinformation? Data Is Dangerous: Comparing the Risks That the United States,

		Canada and Germany See in Data Troves America's Uneven Approach to AI and its Consequences, in Great Decisions: 2020, Foreign Policy Association Data Minefield? How AI is Prodding Governments to Rethink Trade in Data
Panel 11: Context is everything: Requirements for Test, Evaluation, Validation and Verification (TEVV) Discussion about contextual requirements for TEVV in AI	Moderator: *Apostol Vassilev, National Institute of Standards and Technology* Panelists: *Arvind Narayanan,* Princeton University *Cathy O'Neil,* ORCAA *Kush Varshney,* IBM	NIST SP 1270: Towards a Standard for Identifying and Managing Bias in Artificial Intelligence, March 2022 Can You Tell? SSNet - A Biologically-Inspired Neural Network Framework for Sentiment Classifiers Trustworthy Machine Learning IBM Research AI FactSheets 360 IBM Research Uncertainty Quantification 360 AI Fairness 360 AI Privacy 360 AI Explainability 360 The Shame Machine Reviewed in the New York Times Fairness and Machine Learning: Limitations and Opportunities Irreproducibility in Machine Learning Mitigating Dataset Harms Requires Stewardship: Lessons from 1000 Papers Semantics derived automatically from language corpora contain human-like biases

Panel 12: Design Approaches for AI: Keeping Human Values and Ethics at the Core of AI Design Discussion about how design techniques can assist the development of AI systems that are more connected to human values and less likely to have harmful impacts.	Moderator: *Kristen Greene*, National Institute of Standards and Technology Panelists: *Kathy Baxter,* Salesforce *Batya Friedman,* University of Washington	Value Sensitive Design: Shaping Technology with Moral Imagination Envisioning Cards Toolkit Value Sensitive Design Lab
Panel 13: Is a human in the loop the solution? Discussion about the challenges and evaluating expert-driven systems.	Moderator: *Jenn Wortman Vaughan,* Microsoft Research Panelists: *Krzysztof Gajos,* Harvard University *Marzyeh Ghassemi,* Massachusetts Institute of Technology *Ben Green,* University of Michigan	Proxy tasks and subjective measures can be misleading in evaluating explainable AI systems To trust or to think: Cognitive forcing functions can reduce overreliance on ai in ai-assisted decision-making Do People Engage Cognitively with AI? Impact of AI Assistance on Incidental Learning Designing AI for trust and collaboration in time-constrained medical decisions: A sociotechnical lens How machine-learning recommendations influence clinician treatment selections: the example of antidepressant selection A Human in the Loop is Not Enough: The Need for Human-Subject Experiments in Facial Recognition Designing Disaggregated Evaluations of AI Systems: Choices, Considerations, and Tradeoffs A Human-Centered Agenda for Intelligible Machine Learning Manipulating and Measuring Model Interpretability Interpreting Interpretability: Understanding Data Scientists' Use of Interpretability Tools for Machine Learning Understanding the Effect of Accuracy on Trust in Machine Learning Models The Flaws of Policies Requiring Human Oversight of Government Algorithms