

**Kicking Off the NIST AI Risk Management Framework**  
All times EDT (UTC-4)

Day 1: Tuesday October 19, 2021		
Theme/Goals: What Need is the NIST AI Risk Management Framework (RMF) Intended to Address?		
Time Start	Topic	Speaker(s)
11:00 am – 11:10 am	Welcome, Workshop Goals and Logistics	<i>Elham Tabassi</i> , Information Technology Laboratory, NIST
11:10 am – 11:15 am	Opening Remarks	<i>The Honorable Don Graves</i> , Deputy Secretary, U.S. Department of Commerce
11:15 am – 11:25 am	Congressional Remarks	<i>The Honorable Frank Lucas</i> , Ranking Member, U.S. House of Representatives Committee on Science, Space, and Technology
11:25 am – 11:55 am	Panel 1: Discussion of Process and Scope for the NIST AI RMF	<i>Elham Tabassi</i> , NIST
11:55 am – 12:05 pm	Break/Slack with NIST Staff	
12:05 pm – 1:10 pm	<p>Panel 2: Framing AI Risk: What is Risk? How is it Managed Today?</p> <p>Discussion of today’s global risk landscape, including categories and levels of risk that an AI Risk Management Framework could – and should – address or, at a minimum, acknowledge. Panelists will offer an overview of: the greatest challenges in managing risk today; emerging risks to individuals; organizations, or societies that should be considered; and management methods intended to advance trustworthy and responsible AI and to help organizations increase their resilience.</p>	<p>Moderator: <i>Joshua Meltzer</i>, Brookings</p> <p>Panelists: <i>Tobias Baer</i>, Independent Senior Advisor on Risk Management, Data Science and Psychology <i>Kay Firth-Butterfield</i>, The World Economic Forum <i>Alexandra Reeve Givens</i>, Center for Democracy and Technology <i>Jonathan Wiener</i>, Duke University</p>
1:10 pm – 1:25 pm	Break/Slack with NIST Staff	
1:25 pm – 2:25 pm	<p>Panel 3: AI Risk: Sector Perspectives</p> <p>Discussion of the AI risk landscape across industries and sectors, for example, finance and healthcare. Discussion of how different sectors consider and manage AI risks in an effort to understand how organizations may benefit from, as well as how they may use, an AI RMF.</p>	<p>Moderator: <i>Miriam Vogel</i>, EqualAI</p> <p>Panelists: <i>Michael Akinwumi</i>, National Fair Housing Alliance <i>Pat Baird</i>, Philips <i>Blane Mall</i>, Workday <i>Melanie Tiano</i>, CTIA <i>Stephanie Wake</i>, Bank Policy Institute BITS</p>
2:25 pm – 3:15 pm	Day 1 What we heard and Q&A with NIST Team	NIST Workshop Program Committee
3:15 pm – 3:45 pm	After Hours: Slack with NIST Staff	All

**Day 2: Wednesday October 20, 2021**  
**Theme: Identifying What and How to Measure Trustworthiness (agreement on taxonomy of risks)**

<b>Time Start</b>	<b>Topic</b>	<b>Speaker(s)</b>
11:00 am – 11:15 am	Welcome, Recap of Day 1, and Identify Objectives of Day 2	<i>Elham Tabassi</i> , NIST
11:15 am – 12:15 pm	Panel 4: Technical Characteristics of AI System Trustworthiness in the Context of Managing Risk  Discussion of the AI system characteristics and attributes that contribute to measurable system trustworthiness. Discussion of understanding AI system trustworthiness or risks and identification of requirements and gaps.	Moderator: <i>Eric Horvitz</i> , Microsoft  Panelists: <i>Meredith Broussard</i> , New York University <i>Jack Clark</i> , Anthropic <i>Hima Lakkaraju</i> , Harvard University <i>Kush Varshney</i> , IBM Research – Thomas J. Watson Research Center
12:15 pm – 1:00 pm	Break/Slack with NIST Staff	
1:00 pm – 2:30 pm	Panel 5: Approaches to Managing Trustworthy AI  Discussion of how to assess and measure technical and socio-technical characteristics of trustworthy and responsible AI across sectors and contexts.	Moderator: <i>Maggie Little</i> , Kennedy Institute of Ethics; Georgetown University  Panelists: <i>Ashley Casovan</i> , Responsible AI Institute <i>Rayid Ghani</i> , Carnegie Mellon University <i>Ram Kumar</i> , Microsoft <i>Momin Malik</i> , Mayo Clinic <i>Jacob Metcalf</i> , Data & Society; Ethical Resolve
2:30 pm – 2:45 pm	Break/Slack with NIST Staff	
2:45 pm – 3:45 pm	Panel 6: Governance in Managing AI Risks  Discussion of existing governance structures for AI risk management and new governance approaches which might be needed or helpful in the AI RMF-.	Moderator: <i>Jen Gennai</i> , Google  Panelists: <i>Soni Meckem</i> , GSA (TTS) / White House PIF Program <i>John Miller</i> , Information Technology Industry Council <i>Cyril Onwubiko</i> , Pearson <i>Navrina Singh</i> , Credo AI
3:45 pm – 4:00 pm	Day 2 Closing Remarks	NIST Workshop Program Committee
4:00 pm – 4:30 pm	After Hours: Slack with NIST Staff	All

**Day 3: Thursday October 21, 2021**  
**Theme: Structuring an Initial NIST AI Risk Management Framework Approach**

<b>Time Start</b>	<b>Topic</b>	<b>Speaker(s)</b>
11:00 am – 11:15 am	Welcome and Recap of Day 2 Identify objectives of Day 3	<i>Elham Tabassi</i> , NIST
11:15 am – 12:15 pm	Panel 7: AI RMF Structure: What We Can Learn from Current Non-AI Risk Management Frameworks and Standards  Discussion of whether and how to leverage existing non-AI risk management resources for this AI risk management framework. Discussion of what we can learn from these existing frameworks, standards, guidelines, methodologies, tools, and best practices and principles.	Moderator: <i>Naomi Lefkowitz</i> , NIST  Panelists: <i>Matt Baker</i> , Deloitte <i>Nadya Bartol</i> , Boston Consulting Group <i>David Palmer</i> , Federal Reserve Board <i>Vicky Pillitteri</i> , NIST
12:15 pm – 12:30 pm	Break/Slack with NIST Staff	
12:30 pm – 1:30 pm	Panel 8: AI RMF Structure: Existing AI Risk Management Resources, including Frameworks and Standards  Discussion of whether and how to leverage existing AI risk management resources for this AI RMF. Discussion of what we can learn from these existing frameworks, standards, guidelines, methodologies, tools, and best practices and principles. Discussion of whether to consider a lifecycle approach in addressing AI risk management.	Moderator: <i>Helen Toner</i> , Center for Security and Emerging Technology  Panelists: <i>Taka Ariga</i> , Government Accountability Office <i>David Marcos</i> , Microsoft <i>Karine Perset</i> , Organisation for Economic Co-operation and Development <i>Christian Troncoso</i> , BSA   The Software Alliance
1:30 pm – 2:00 pm	Break/Slack with NIST Staff	
2:00 pm – 3:15 pm	Panel 9: Workshop Synthesis: Bringing It All Together  What we have learned during the workshop about technical and socio-technical characteristics of trustworthy and responsible AI, and how to structure this framework. Recap of taxonomy of risk and how various risk management frameworks could be leveraged.	Moderator: <i>Elham Tabassi</i> , NIST  Panelists: <i>Jen Gennai</i> (Panel 6) <i>Naomi Lefkowitz</i> (Panel 7) <i>Maggie Little</i> (Panel 5) <i>Joshua Meltzer</i> (Panel 2) <i>Helen Toner</i> (Panel 8) <i>Miriam Vogel</i> (Panel 3)
3:15 pm – 3:30 pm	Closing Remarks, Workshop Debrief and Next Steps	NIST Workshop Program Committee