Building the NIST AI Risk Management Framework: Workshop #3

Day 1: Tuesday October 18, 2022		
Topic	**Speaker(s)**	**Suggested Resources**
Welcome, Goals, and AI RMF Update	*Elham Tabassi,* National Institute of Standards and Technology	
Panel 1: How Does the AI RMF Fit In with Other AI Risk Management Approaches? This panel will explore how the AI RMF fits in relation to other approaches to AI risk management including international standards, industry best practices, and national strategies.	Moderator: *Mark Latonero,* National Institute of Standards and Technology Panelists: *Nozha Boujemaa*, IKEA Retail (Ingka Group) *Greg Cannon,* Amazon Web Services *Sri Krishnamurthy*, QuantUniversity *Lee Wan Sie*, Infocomm Media Development Authority (IMDA), Singapore *Anneke Olvera*, Standards Council of Canada	ISO 31000 - Risk Management ISO/IEC FDIS 23894 - Information technology — Artificial intelligence — Guidance on risk management Staffing for Equitable AI: Roles & Responsibilities ISO/IEC DIS 22989(en), Information technology — Artificial intelligence — Artificial intelligence concepts and terminology Risk Management Body of Knowledge ISO - ISO/IEC TS 5723:2022 - Trustworthiness — Vocabulary
Panel 2: Exactly What Is an AI RMF Profile? Draft 2 of the AI RMF and the companion Playbook place heavy emphasis on the value of AI RMF Profiles. This session will illustrate and discuss several potential approaches to profiles that will help those who choose to use the Framework.	Moderator: *Cheri Pascoe,* National Institute of Standards and Technology Panelists: *Tony Barrett, UC Berkeley* *Phillip Collett*, American Express *Carlos Ignacio Gutierrez*, Future of Life Institute *Snigdha Sharma,* National Fair Housing Alliance	Actionable Guidance for High-Consequence AI Risk Management: Towards Standards Addressing AI Catastrophic Risks (Section 4)
Panel 3: Moderated Discussion: What We Heard and What We Hope to Hear Conversation with NIST AI RMF team.	Moderator: *Courtney Lang*, Information Technology Industry Council Panelists: *Elham Tabassi*, National Institute of Standards and Technology *Mark Latonero*, National Institute of Standards and Technology *Cheri Pascoe*, National Institute of Standards and Technology *Lori Perine*, National Institute of Standards and Technology *Mark Przybocki*, National Institute of Standards and Technology *Reva Schwartz*, National Institute of Standards and Technology	AI Risk Management Framework Draft 2

Day 2: Wednesday October 19, 2022		
Topic	**Speaker(s)**	**Suggested Resources**
Welcome	*Elham Tabassi,* National Institute of Standards and Technology	
Panel 4: Mapping the Path from Current to Future AI Risk Management Practice In this panel we will learn how to get started with the AI RMF, and discuss how organizations can effectively implement the AI RMF map function through socio-technical approaches.	Moderator: *Reva Schwartz,* National Institute of Standards and Technology Panelists: *Stevie Bergman*, DeepMind *Sina Fazelpour*, Northeastern University and NIST AI Visiting Fellow *Bogdana Rakova*, Mozilla Foundation *Harini Suresh*, Massachusetts Institute of Technology (MIT)	Diversity in sociotechnical machine learning systems Fairness and Abstraction in Sociotechnical Systems NIST Special Publication 1270 Towards a Standard for Identifying and Managing Bias in Artificial Intelligence Hard Choices in Artificial Intelligence Data and its (dis)contents: A survey of dataset development and use in machine learning research Measurement and Fairness Data Feminism (Chapter 6): The numbers don't speak for themselves Introduction to the Theory of Change Challenges for Responsible AI Practitioners and the Importance of Solidarity Improving transparency in AI by exploring new avenues for human feedback, robustness, and documentation Enabling Fairness in Healthcare Through Machine Learning The Fallacy of Functionality AI and the Everything in the Whole Wide World Benchmark Actionable Auditing: Investigating the Impact of Publicly Naming Biased Performance Results of Commercial AI Products Problem Formulation and Fairness

		Participatory Problem Formulation for Fairer Machine Learning Through Community Based System Dynamics Moral Crumple Zones: Cautionary Tales in Human-Robot Interaction (pre-Print) Representativeness in Statistics, Politics, and Machine Learning A Framework for Understanding Sources of Harm throughout the Machine Learning Life Cycle Where Responsible AI meets Reality: Practitioner Perspectives on Enablers for Shifting Organizational Practices (arxiv.org) Participation is not a Design Fix for Machine Learning MLOps: What It Is, Why It Matters, and How to Implement It Gig Workers Gather Their Own Data to Check the Algorithm's Math Measuring bias in self-reported data Bias Mitigation in Data Sets Where Responsible AI meets Reality: Practitioner Perspectives on Enablers for Shifting Organizational Practices AI Fairness for People with Disabilities: Point of View Towards Intersectional Feminist and Participatory ML: A Case Study in Supporting Feminicide Counterdata Collection Fairness in Machine Learning Collective problem solving: Functionality beyond the individual Bias Mitigation in Data Sets Staffing for Equitable AI: Roles & Responsibilities

		What I learned from talking to 20 diversity, equity, and inclusion experts Participation is not a Design Fix for Machine Learning
Panel 5: What Does Good Governance for AI Risk Management Look Like? This panel will discuss how organizations develop culture and practice to govern AI internally. There is much we can learn from how other fields and industries track, manage and avoid risks through organizational approaches for improving governance.	Moderator: *Kathy Baxter,* Salesforce and NIST AI Visiting Fellow Panelists: *Rumman Chowdhury*, Twitter *Jen Gennai*, Google *Sakshi Jain*, LinkedIn *David Marcos*, Microsoft	Google's AI Principles Governance page - Reviews & Processes Annual Google AI Principles progress update, end of year 2021 AI Principles Review Process - Google AI A developer's guide to responsible AI review processes Trusted AI at Salesforce Responsible Creation of AI Building Ethical and Inclusive Products Trailmix Model Cards for AI Model Transparency Ethical AI Maturity Model Build With Intention Toolkit Trusted AI | Salesforce Research Responsible Creation of Artificial Intelligence Model Cards for AI Model Transparency Mutiny on the BiasBounty.ai Responsible AI ForHumanity University

		Value Sensitive Design Lab Consequence Scanning – an agile practice for responsible innovators Responsible Innovation: A Best Practices Toolkit Building responsible AI for everyone IEEE Ethics In Action in Autonomous and Intelligent Systems
Panel 6: How to Measure AI Risk across the AI lifecycle This panel will discuss approaches for measuring trustworthiness and AI risks from a socio-technical perspective.	Moderator: *Jeanna Matthews*, Clarkson University and NIST Faculty Fellow Panelists: *Jack Clark*, Anthropic *David Danks*, UC San Diego *Ian Eisenberg*, Credo AI *Nazneen Rajani,* HuggingFace	ImportAI.net Anthropic.com AI Index From AI compliance to competitive advantage TRUSTWORTHY_EVIDENCE FOR_TRUSTWORTHY TECHNOLOGY Resources from Jeanna Matthews A Hierarchy of Limitations in Machine Learning Reliance on metrics is a fundamental challenge for AI Introducing a Practice-based Compliance Framework for Addressing New Regulatory Challenges in the AI Field ISO 31000 - Risk Management Joint AI Statement Update - Statement on Principles for Responsible Algorithmic AI Systems "Why do so?" - A Practical Perspective on Machine Learning Security “We’re Seeking Relevance”: Qualitative Perspectives on the Impact of Learning Analytics on Teaching and Learning

Panel 7: Managing AI Risks This panel will discuss practical methods and processes that practitioners are engaging (actual or prospective) to manage AI risks along the lifecycle, and where there are opportunities for the AI RMF to enhance or fill-in the gaps.	Moderator: *Daniel Castro*, Information Technology and Innovative Foundation (ITIF) Panelists: *Veena Calambur*, Workday *Trey Causey*, Indeed *Ali Shah*, Accenture *Mona Sloane*, New York University (NYU)	A Silicon Valley love triangle: Hiring algorithms, pseudo-science, and the quest for auditability Introducing a Practice-based Compliance Framework for Addressing New Regulatory Challenges in the AI Field AI and Procurement