NIST Workshop on Bias in AI
August 18, 2020
9:00am - 5:00pm EDT

–AGENDA –	
9:00 AM	**Welcome and Introduction** – Elham Tabassi, Acting Chief of Staff, NIST Information Technology Laboratory
9:15 AM	**Plenary: Panel Session** **Foundational Juggernaut: Addressing data bias challenges in AI** ▪ Darrell West *(Moderator)* Brookings Institution ▪ Andrew Burt, BNH, Immuta ▪ Alexandra Chouldechova, Partnership on AI, Carnegie Mellon University ▪ Fernando Diaz ▪ Teresa Tung, Accenture Labs
10:30 AM	*Break / Transition to Breakout Session #1 (multiple breakouts, locations varied)*
10:45 AM	**Breakout Session #1 – Data Bias** This breakout session will build on topics from the morning panel session. Participants will engage in a facilitated discussion focused on the following questions: ● What is the "right data"? ● What are the biggest barriers to success at this point? ● How can technology developers and practitioners effectively work together and inform each other to mitigate data bias? ● From what shared understandings or assumptions about bias in AI do we need to operate before moving onto the next step? ● What do we need in order to measure bias within data? ● How does bias exhibit itself in data? Are there particular indicators?
11:30	*Break - 20 minutes*
11:50	**Plenary: Report Outs from Breakout Sessions - Data Bias** This plenary session will be an opportunity to hear the key takeaways from each breakout session about data bias. (Breakout Session Facilitators)
12:30 PM	*1-hour Lunch Break*
1:30 PM	**Plenary: Panel Session** **Algorithmic bias is in the question, not the answer: Measuring and managing bias beyond data** ▪Joshua Kroll *(Moderator)*, Naval Postgraduate School ▪ Aylin Caliskan, The George Washington University ▪ Abigail Jacobs, University of Michigan ▪ Nicol Turner Lee, Brookings Institution ▪ Kush Varshney, IBM
	Transition to Breakout Session #2 (multiple breakouts, locations varied)
2:45 PM	**Breakout Session #2 – Bias in Algorithmic Modeling** This breakout session will build on topics from the afternoon panel session. Participants will engage in a facilitated discussion focused on the following questions: ● Algorithms are highly dependent on data, which can be biased. But how does the algorithmic process insert additional biases? ● Is it possible to use algorithms to mitigate data biases? ● What do we need in order to measure algorithmic bias? ● How does bias exhibit itself in the model?

	• How can algorithms exacerbate biases? How can they be used to mitigate biases? • How can we think about transparency and its role in bias in AI?
3:30 PM	*20-minute break*
3:50 PM	**Plenary: Report Outs from Breakout Sessions - Algorithmic Bias** This plenary session will be an opportunity to hear the key takeaways from each breakout session about algorithmic bias. (Breakout Session Facilitators)
4:30 PM	Closeout (Elham Tabassi, NIST Information Technology Laboratory)
4:45 PM	Adjourn