Workshop on Social and Ethical Challenges in Machine Learning

November 6, 2019

Organizers
Sanjeev Arora, IAS and Princeton University
Didier Fassin, IAS and Collège de France
Jacob Foster, UCLA
Marion Fourcade, IAS and UC Berkeley

9:00 am -9:15 am **Introduction**
Sanjeev Arora, School of Mathematics, IAS and Princeton University
Didier Fassin, School of Social Science, IAS and Collège de France

9:15 am -10:45 am **Ordering the Social**
Marion Fourcade, IAS and UC Berkeley and Fleur Johns, IAS and University of New South Wales "Machine learning, sociality and solidarity"

Matthew Salganik, Princeton University "Understanding and auditing an AI system in the wild"

10:45 am - 11:00am Coffee break

11:00 am -12:30 pm **Prediction and Bias**
Sofia Ohlede, École Polytechnique Fédérale de Lausanne, "Data Governance and Ethics of Algorithmic Decision-Making"

David Robinson, Cornell University "Discrimination, Law, and the Modeled Imagination"

12:30 pm -1:45 pm Lunch

1:45 pm -3:15 pm **Exposure and Surveillance**
Bernard Harcourt, Columbia University "From the Expository Society to the Social Score: The Struggle over the Control of our Data"

Arvind Narayanan, Princeton University "Responsible machine learning in the age of surveillance capitalism"

3:15 pm -3:30 pm Coffee Break – Fuld Hall Common Room

3:30 pm - 5:00 pm **General discussion**

5:30 pm - 7:00 pm **Public event** – Wolfensohn Hall

ARTIFICIAL INTELLIGENCE, ETHICS AND SOCIETY:
A CROSS-DISCIPLINARY CONVERSATION

Pedro Domingos, University of Washington
"How Will Artificial Intelligence Change Ethics?"

Mary Gray, Microsoft and Harvard University
"Algorithmic Cruelty and the Hidden Costs of *Ghost Work*"

Moderator: Alondra Nelson, IAS and SSRC

7pm Dinner in Simons Hall