

Hosted By: Center for Technology, Innovation and Competition

## The Center for Technology, Innovation and Competition and the Penn Program on Regulation

*present*

A book talk with University of Pennsylvania Professors Michael Kearns and Aaron Roth, authors of



January 29, 2020

4:30 PM - 6:00 PM

Register Now

University of Pennsylvania Carey Law School--  
Silverman 147

3501 Sansom Street  
Philadelphia 19104

Many recent mainstream media articles and popular books have raised alarms over anti-social algorithmic behavior, especially regarding machine learning and artificial intelligence. The concerns include leaks of sensitive personal data by predictive models, algorithmic discrimination as a side-effect of machine learning, and inscrutable decisions made by complex models. While standard and legitimate responses to these phenomena include calls for stronger and better laws and regulations, researchers in machine learning, statistics and related areas are also working on designing better-behaved algorithms. An explosion of recent research in areas such as differential privacy, algorithmic fairness and algorithmic game theory is forging a new science of socially aware algorithm design. Kearns and Roth will survey these developments and attempt to place them in a broader societal context. Their talk is based on their recently released book [The Ethical Algorithm](#) (Oxford University Press, 2019).

Join us as Kearns and Roth discuss these developments with Moderator Professor Christopher Yoo and Discussant Ezekiel Dixon-Román, and attempt to place them in a broader societal context.

"In a world with unprecedented access to data, this well researched book tackles the near term risks with concrete, real world examples that are facing algorithms

today. *The Ethical Algorithm* is clearly articulated and full of insights."

Carol E. Reiley, Cofounder, Advisor, and Board Member of Drive.ai

## Authors



Michael Kearns is Professor and the National Center Chair in the Computer and Information Science Department at the University of Pennsylvania, where he has secondary appointments in Economics and the Wharton School. He is also a Founding Director of Penn's Warren Center for Network and Data Sciences.

Aaron Roth is the Class of 1940 Bicentennial Term Associate Professor in the Computer and Information Science Department at the University of Pennsylvania, where he co-directs Penn's program in Networked and Social Systems Engineering.

Discussant

Ezekiel Dixon-Román

*Associate Professor of Social Policy*

*School of Social Policy and Practice at the University of Pennsylvania*

Moderator

**Christopher S. Yoo**

*John H. Chestnut Professor of Law, Communication, and Computer & Information Science*

*University of Pennsylvania*

A casual reception will follow the program.

*This program has been approved for 1.5 ethics CLE credits for Pennsylvania lawyers. CLE credit may be available in other jurisdictions as well. Attendees seeking CLE credit should bring separate payment in the amount of \$60.00 (\$30.00 public interest/non-profit attorneys) cash or check made payable to The Trustees of the University of Pennsylvania.*

Register by: January 29, 2020 3:30 PM Eastern Time

## Register Now

Enter your information below to register for this event.

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