TECHTalk@CSAIL

JPMorgan Chase & Co.

Privacy Preserving Predictions

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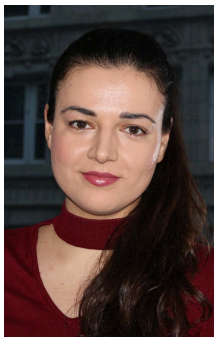
Abstract:

While big data technology offers great promise, it introduces a challenge for privacy. Can we achieve the best of both worlds, extracting the benefits that big data offers while providing privacy to the data owner? Essentially, we would like to perform complex computations while preserving privacy. In this talk I am going to talk about privacy preserving computation and show how cryptography, streaming data and machine learning can support new ways of organizing predictive analytics.



Speaker: Antigoni Polychroniadou

AI Researcher, J.P. Morgran
Cryptographer, ROAR Data at J.P. Morgan

Bio:

Antigoni Polychroniadou is a researcher at J.P. Morgan AI research and cryptographer lead in ROAR Data at J.P. Morgan. Antigoni was a junior Simons fellow, awarded by the Simons Society of Fellows, at Cornell Tech and a postdoctoral researcher in the Computer Science Department at Cornell University, hosted by Rafael Pass and Elaine Shi. Antigoni completed her Ph.D. at Aarhus University under the supervision of Ivan Damgård. She interned at IDC Herzliya, the Technion, University of California, Berkeley and IBM Research Thomas J. Watson. She holds an M.Sc. in mathematics of cryptography and communications from Royal Holloway University of London and B.Sc. in Computer Science and Economics from University of Macedonia, Greece.

Thursday, March 7, 2019
12:00PM - 1:00PM EDT

Star Seminar Room, 32-D463
Ray and Maria Stata Center
Cambridge, MA 02139

Please RSVP

https://www.eventbrite.com/e/jp-morgan-tech-talk-privacy-preserving-predictions-tickets-56914528888

OR Email Callie Mathews to confirm attendance - cmathews@csail.mit.edu

Questions? Contact:
Callie Mathews at cmathews@csail.mit.edu

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