

**Hosted by the Internet Governance Lab
and DC Chapter of the Internet Society**

Governing the Internet of Things

March 30, 2018

9:30 AM-3:00 PM

American University

Media Innovation Lab, McKinley Hall

4400 Massachusetts Ave. NW

Washington, DC 20016

Overview

The Internet's architecture and governance structures have been designed to enable innovation, global communication and the free flow of information, but the Internet of Things presents a new range of governance challenges. An Internet embedded in the material world creates new and increased concerns around privacy, security, and the possibility of physical harm to people and disruption of material infrastructure. To what extent do the Internet's underlying architectural and governance principles need to evolve to address these risks? What is the outlook for security and privacy in the context of ubiquitous cyber-physical systems that range from cars to medical devices to home control systems? What forms of inequality and discrimination are emerging in this environment?

Confirmed Speakers:

Cory Doctorow, Author, Activist, Electronic Frontier Foundation

Paul Ohm, Professor, Georgetown Law

Alexandra Deschamps-Sonsino, Coordinator Open Internet of Things Certification Mark

Gilad Rosner, Founder, Internet of Things Privacy Forum

Tatevik Sargsyan, Senior Research Fellow, Ranking Digital Rights Project, New America Foundation

Adam Thierer, Senior Research Fellow, Technology Policy Program, Mercatus Center at George Mason University

Gwanhoo Lee, Professor and Faculty Fellow, Internet Governance Lab at American University

Derrick Cogburn, Associate Professor and Faculty Director, Internet Governance Lab at American University

Laura DeNardis, Professor and Faculty Director, Internet Governance Lab at American University

Andrew Rens, Research Fellow, Internet Governance Lab at American University

Program

Time		
9:00-9:30	Coffee	
9:30 – 9:35	Welcome and Introduction	Andrew Rens
9:35-10:35 AM	Technology: Standards, Security and Choice What is the outlook for security and privacy in the context of ubiquitous cyber-physical systems that range from cars to medical devices to home control systems? Will law, technology standards or consumer preference be decisive in addressing the new governance challenges of the IoT? What roles do standards, regulation and choice play in responding to the new issues? Who is responsible to secure the things of the Internet of Things?	Chair: Andrew Rens Alexandra Deschamps-Sonsino: Coordinator Open Internet of Things Certification Mark Gwanhoo Lee, Cybersecurity for IoT Laura DeNardis, Standards and Security
10:35-10:55 AM	Coffee Break	
10:55- 12:20 PM	Innovation and Permission and Risk To what extent do the Internet's underlying	Chair: Laura DeNardis

	<p>architectural and governance principles need to evolve to address increased concerns around privacy, security, and the possibility of physical harm to people and disruption of material infrastructure?</p> <p>What does it mean to talk of permission-less innovation for the Internet of Things?</p> <p>What would a precautionary principle mean for the IoT?</p> <p>What does permission-less innovation or the precautionary principle mean for where, how and by whom the Internet of Things is governed.</p>	<p>Adam Thierer</p> <p>Gilad Rosner</p>
12:20 -1:20 PM	Lunch	
1:20 – 3:00 PM	<p>Internet of Things, Human Rights and Adoption</p> <p>What kind of architecture will make the IoT open and beneficial to all?</p> <p>What forms of inequality and discrimination are emerging in the IoT environment?</p> <p>Are the costs of the Internet of Things, at least as currently configured, worth the gains for individuals and for polities?</p>	<p>Chair: Derrick Cogburn</p> <p>Cory Docterow by video</p> <p>Tatevik Sargsyan</p> <p>Paul Ohm</p>
3:00 PM	Coffee and Closing	

Inquiries: rens@american.edu