Research Colloquium: Call for Papers
Inaugural Ostrom Workshop Colloquium on Cybersecurity and Internet Governance

Hosted and Sponsored by:
Indiana University Ostrom Workshop

April 27–28, 2017
Ostrom Workshop
513 N. Park Avenue
Bloomington, IN 47408

We are pleased to announce the inaugural Ostrom research colloquium to formally launch our new Program on Cybersecurity and Internet Governance. The colloquium seeks participation from scholars interested in numerous facets of cybersecurity and Internet governance, including, but not limited to: Secure Computing, Law, Business, Economics, Ethics, Public Policy, Media Studies, Education, Psychological and Brain Sciences, Political Science, and International Law and Relations. Possible paper topics within these areas include, but are not limited to: Internet of Things, Big Data, Internet governance, net neutrality, critical infrastructure protection, smart cities, civil rights and liberties, international and comparative cybersecurity law and policy, and work exploring cybersecurity risk management best practices in both the public and private sectors. Scholars with papers ready for discussion within these and related areas are encouraged to apply for participation. Each paper will be given constructive feedback from a designated discussant, and from the other participants. In addition to the paper series, we will also organize a brainstorming session focusing on big issues/ideas shaping twenty-first century Internet and cybersecurity governance to better inform the Program's research agenda going forward.

Colloquium Details:
- The colloquium will commence on Thursday, April 27, and continue through the day on Friday, April 28, concluding with a banquet that evening.
- Approximately 45 minutes will be allocated for each paper, which includes 5–10 minutes of author comments and a discussant facilitating the discussion to follow.
- Participants agree to read and be prepared to participate in the discussion of all papers as well as the research agenda brainstorming session.
- Indiana University will provide lodging, meals, a per diem, and transportation to/from the Indianapolis International Airport for a limited number of participants.

Submissions: To be considered, please submit an abstract of 250–750 words to Professor Scott Shackelford at sjshacke@indiana.edu by March 3, 2017. Abstracts will be evaluated based upon the quality of the abstract and the topic's fit with the event. Questions may be directed to Professor Shackelford. *If you are interested in being a discussant, but do not have a paper to present, please send a statement of interest to the same*. Authors will be informed of the decision by March 10, 2017. If accepted, the author agrees to submit a discussion paper by April 10, 2017. While papers need not be in finished form, drafts must contain enough information and structure to facilitate a robust discussion of the topic and paper thesis.

About the Program

The Program on Cybersecurity and Internet Governance, created in January 2017, brings together scholars from across Indiana University and beyond to build scholarly networks, as well as seek out partnerships with managers and policymakers in the United States and abroad in order to translate research findings into effective policy. A polycentric approach to both Internet governance and cybersecurity risk management will be encouraged in this program with scholars coming from diverse backgrounds. Only through such a multi-disciplinary, multi-sector, multi-stakeholder partnership might meaningful progress be made toward engendering sustainable models of Internet governance and an equitable cyber peace.

AGENDA

WEDNESDAY, APRIL 26, 2017

Arrive in Bloomington (check in at IMU)

Informal dinner at 6:30PM for those in town at Uptown Café (102 E. Kirkwood Ave.)

THURSDAY, APRIL 27, 2017

8:15–8:45AM	Breakfast buffet at Ostrom Workshop
8:45–8:55AM	Welcome from Prof. Scott Shackelford
8:55–9:15AM	Welcome from Federica Carugati, Ostrom Workshop Associate Director, & Introductions
9:15–9:45AM	Initial Brainstorming Session: Big Issues in Cybersecurity and Internet Governance

15-minute break

Building Trust in the Internet of Things

10:00–10:45AM	*Security of the Internet of Things: The Roles of Market Forces, Regulations and Technology* (Prof. Nir Kshetri, University of North Carolina at Greensboro) Discussant: Worku Gedefa Urgessa (University of Oslo)
10:45–11:30AM	*Becoming an Information Security Engineer* (Ashwin J. Mathew, Packet Clearing House) Discussant: Prof. Barbara Cherry (IU)

30-minute break

12:00–1:15PM	Lunch at Ostrom Workshop, entitled *Authoritarian Soft Power? Russia, International Cyber Conflict, and the Rise of "Information Warfare"* (Presentation by Jackie Kerr, Postdoctoral Research Fellow, Center for Global Security Research [CGSR] at Lawrence Livermore National Laboratory)

15-minute break

Critical Infrastructure and Cyber Power

| 1:30–2:15PM | *Too-Big-To-Fail 2.0: Cybersecurity & Online Platforms* (Prof. Nizan Geslevich Packin, City University of New York) |
| | Discussant: Prof. Tobias Mahler (University of Oslo) |

| 2:15–3:00PM | *Governing the Flow: Power, Information, and Rules Online* (Prof. Renée Marlin-Bennett, Johns Hopkins University) |
| | Discussant: Prof. Hans Klein (Georgia Tech) |

15-minute break

International Law

| 3:15–4:00PM | *What Might Have Been and Could Still Be – TPP's Potential to Encourage an Open Internet and Digital Rights* (Prof. Susan Ariel Aaronson, George Washington University) |
| | Discussant: Prof. Angie Raymond (IU) |

| 4:00–4:45PM | *Emanations of the Informational State: Cyber Operations and the Difficulties* (Prof. Sandra Braman, Texas A&M) |
| | Discussant: Prof. Joe Tomain (IU) |

| 4:45–5:00PM | Reflections on Day 1 |

| 6:00–7:30PM | Colloquium Welcome Dinner at No Coast Reserve (105 N. College Ave.) |

FRIDAY, APRIL 28, 2017

| 8:15–9:00AM | Breakfast buffet at Ostrom Workshop |
| 8:45–9:00AM | Official Welcome by IU Provost Lauren Robel |

Polycentric Institutional Analysis

| 9:00–9:45AM | *ICANN's Governmental Advisory Committee: Coping with the Complexities of Hybrid Institutions in Global Governance* (Prof. Mark Raymond, University of Oklahoma) |
| | Discussant: Dr. Jackie Kerr |

| 9:45–10:30AM | *Routing on the Internet is Trust and Money* (Prof. Jean Camp, IU) |
| | Discussant: Prof. & Associate Dean Michael McGinnis (IU) |

15-minute break

Managing Cyber Conflict

| 10:45–11:30AM | *Cyber Compellence: Applying Coercion in the Information Age* (Prof. Benjamin M. Jensen, **Prof. Brandon Valeriano**, & Prof. Ryan Maness) |
| | Discussant: Prof. Don Howard (University of Notre Dame) |

| 11:30–12:15PM | *Sometimes Three Rights Really Do Make a Wrong: Measuring Cybersecurity and Simpson's Paradox* (Prof. Eric Jardine, Virginia Polytechnic Institute & State University) |
| | Co-Discussants: Prof. Liv Coleman (University of Tampa), Prof. Dean Lueck (IU) |

12:30–1:45PM	Lunch at Ostrom Workshop

2:00–3:30PM   IU Cyber Risk Assessment and Modeling Lightning Round

Advancing the Science of Cybersecurity Risk Assessment through Holistic, Dynamic Modeling (Prof. Diane Henshel, Mariana Cains, & Alex Alexeev)
Optimal Investment in Cybersecurity (Alex Alexeev, Prof. Kerry Krutilla)

15-minute break

3:45–4:30PM   *Polycentric Cooperation System for our Connected Digital World* (Fadi Chehadé, former ICANN Director; and Nora Abusitta, Chehadé & Company)
Discussant: Prof. Scott Shackelford (IU)

4:30–5:15PM   Final Brainstorming Session: Thoughts on the Ostrom Workshop Program on Cybersecurity and Internet Governance Research Agenda

6:00–7:00PM   Farewell Drinks & Dinner at Farm (108 E. Kirkwood Ave.)

Depart Bloomington (Friday night or Saturday morning)

Other Helpful Information:

- Link to Indianapolis Airport to Bloomington Indiana Memorial Union Shuttle: http://goexpresstravel.com/airport_shuttle_schedule
- Bloomington Events Calendar: https://www.visitbloomington.com/events/
- Travel/Reimbursement Point of Contact: Gayle Higgins ghiggins@indiana.edu