Explorations in Cyber
International Relations
Massachusetts Institute of Technology   Harvard University

FOURTH ECIR WORKSHOP ON

Cyber Security & the Governance Gap: Complexity, Contention, Cooperation

**Co-Sponsored by the
Council on Foreign Relations (CFR)
and the Business Executives for National Security (BENS)**

January 6 and 7, 2014
Marriott Kendall Square & MIT Media Laboratory

Poster Session

Bridging the Cyber Security Governance Gap: A Realistic Agenda for Multi-Track Diplomacy

Marco Mayer, Adjunct Professor, Cyber Space and International Relations, PhD Programmes, SSSUP, Pisa
Fabio Rugge, Italian Ministry of Foreign Affairs, Adjunct Professor, Security Studies, Florence University

In Cooperation with the Centro Universitario di Studi Strategici, Internazionali e Imprenditoriali (CSSII)

Complexity of ICANN: Structure, functions, and resources

Cecilia Testart, MS Candidate in Technology and Policy, MIT
Research Group: Explorations in Cyber International Relations, MIT-Harvard
Advisor: Prof. N. Choucri

Critical Infrastructure: Does ICT Make it More Vulnerable?

John C. Hoag, Ph.D. Ohio University ITS School, Case Western Reserve University EECS Department

Cyber Conflict History: Assessing State Responsibility and Other Major Trends

Jason Healey and Karl Grindal, Cyber Conflict Studies

Research derived from the book A Fierce Domain; Conflict in Cyberspace 1986 to 2012, published in June 2013.

Cyberconflict and Understanding the Geography of the Internet

Danilo Delia, PhD Candidate

Alix Desforges, PhD Candidate

Affiliation : Castex Chair of Cyberstrategy and French Institute of Geopolitics, University of Paris 8

Cyberplaces and the Politics of Disruption

Renee Marlin-Bennett, Professor of Political Science

Kavi Abraham, PhD Candidate

Affiliation: Johns Hopkins University

Defense-in-Depth in Practice

Josephine Wolff, PhD Candidate

Research Group: Advanced Network Architecture Group
Thesis Advisor: Dr. D. Clark, Senior Research Scientist

Design of Action and Alliance Strategy in Defense against Anonymous Cyber Threats

Mina Rady, MIT Affiliate

Research Group: Political Science, MIT
Supervisor: Dr. Nazli Choucri

Do We Care About Surveillance?
Edward Snowden's Impact and Policy Implications

Evan Marshall, 4th Year MIT Undergraduate and Mechanical Engineering Candidate

Framing the Value of IX Participation

Jesse Sowell, ESD PhD Candidate, MIT

Research Group: Advanced Network Architecture Group, CSAIL
Thesis Advisor: Dr. D. Clark Committee: Prof. K. Oye (chair); Prof. C. Fine; Prof. N. Choucri; Dr. F. Field

International Conflicts in Cyberspace

Alex Gamero-Garrido, SM Candidate, MIT Engineering Systems Division

Research Group: Explorations in Cyber International Relations, MIT-Harvard.
Advisor: Prof. Nazli Choucri, MIT Political Science
Co-Advisor: Dr. David Clark, MIT CSAIL

The Meaning of the Cyber Revolution:
Perils to Theory and Statecraft

Lucas Kello, Postdoctoral Research Fellow, Harvard Kennedy School

This poster is based on an article by the same title published in International Security, Vol. 38, No. 2 (Fall 2013), pp. 7-40; www.mitpressjournals.org/loi/isec

Mental Models in the Cyber Domain

James Houghton, Research Associate, MIT Sloan School
Michael Siegel, MIT Center for Digital Business

Resilience Metrics for Cyber Systems

Igor Linkov[1], Daniel A. Eisenberg[2], Kenton Plourde[1], Thomas P. Seager[2], Julia Allen[3], Alex Kott[4]

Research Affiliations: [1] US Army Engineer Research & Development Center, [2] Arizona State University, [3] Carnegie Mellon Software Engineering Institute, [4] Army Research Laboratory

Sustainability and Cyber Sustainability: complexity models in a GSSD* perspective

Jean-François Mascari, National Research Council, Italy

in collaboration with Nazli Choucri, Political Science, MIT

*Global System for Sustainable Development (see gssd.mit.edu)

Who Controls Anonymity?: Control Point Analysis of The Onion Routing Anonymity Network (Tor)

Mina Rady, MIT Affiliate

Research Group: Political Science, MIT

Supervisor: Dr. Nazli Choucri