

Multi-disciplinary Workshop on Cyber Security

By Columbia University's School of International and Public Affairs in collaboration with
Stanford University's Center for International Security and Cooperation

International Affairs Building (IAB), Columbia University

Start	End	
Monday 22 June, 2015		
DAY 1: CYBER-ATTACKS AND RESPONSES		
8:30	9:00	Breakfast
9:00	9:05	Welcome <i>Merit E. Janow</i> , Dean, Columbia SIPA, <i>Herbert Lin</i> , Senior Research Scholar, Stanford CISAC
9:05	10:30	Session 1: Cyber security as a concept (IAB, room 1501) <i>David Clark</i> , Senior Research Scientist, Computer Science and Artificial Intelligence Laboratory, Massachusetts Institute of Technology <i>Greg Conti</i> , Associate Professor, Department of Electrical Engineering and Computer Science, United States Military Academy, West Point, New York Moderator: Jay Healey, Senior Research Scholar, Columbia SIPA
10:30	11:00	Coffee break
11:00	12:30	Session 2: Know your enemy: Understanding threats to cyber-security (IAB, room 1501) <i>Steve Bellovin</i> , Professor, Department of Computer Science, School of Engineering, Columbia University Moderator: Herb Lin, Senior Research Scholar, Stanford CISAC
12:30	1:30	Lunch
1:30	3:00	Session 3: Offensive dimensions of cyber-security (IAB, room 1501) <i>Herbert Lin</i> , Senior Research Scholar for Cyber Policy and Security, Center for International Security and Cooperation, Stanford University Moderator: Jay Healey, Senior Research Scholar, Columbia SIPA
3:00	3:15	Coffee break
3:15	4:30	Session 4: Attribution and cyber-attacks (IAB, room 1501) <i>Jay Healey</i> , Senior Research Scholar, Cyber Policy, SIPA, Columbia University Moderator: Herb Lin, Senior Research Scholar, Stanford CISAC
4:30	5:00	Coffee break
5:00	6:15	Session 5: Insights from inter-disciplinary thinking on cyber-security (IAB, room 1501) <i>Marjory Blumenthal</i> , Executive Director of PCAST, Office of Science and Technology Policy, The White House <i>Carolyn Nordstrom</i> , Professor of Anthropology, University of Notre Dame Moderator: Benjamin Dean, Fellow, Columbia SIPA
6:15	6:30	Break
6:30	7:00	Cocktail reception (Low Library, Faculty Room)

Updated as of 20 June 2015

7:00	9:00	<p align="center">Dinner & keynote (Low Library, Faculty Room) Phil Venables, Chief Information Risk Officer, Goldman Sachs Moderator: Merit Janow, Dean, Columbia SIPA</p>
Tuesday 23 June, 2015		
DAY 2: DEEP DIVE – TECHNICAL AND NON-TECHNICAL ASPECTS OF CYBER		
8:30	9:00	Breakfast
9:00	12:30	<p align="center">Session 6: Crisis simulation (IAB, various rooms) Lucas Kello, Senior Lecturer in International Relations and Director of the Cyber Studies Programme, Oxford University Moderator: Benjamin Dean, Fellow, Columbia SIPA</p>
12:30	12:45	Break
12:45	2:00	<p align="center">Lunch & keynote discussion with members of US Army Cyber Command (Faculty House, Presidential Room) Colonel Pete Beim, Chief of Current Operations Colonel Jon Howard, Staff Judge Advocate Colonel Tom Nelson, Chief of Strategic Initiatives Group Moderator: Herbert Lin</p>
2:00	3:30	<p align="center">Session 7: Cyber-deterrence (IAB, room 1501) Martin Libicki, Senior Management Scientist; Professor, Pardee RAND Graduate School Richard K. Betts, Leo A. Shifrin Professor of War and Peace Studies and Arnold A. Saltzman Professor of War and Peace Studies; Director of the Saltzman Institute of War and Peace Studies, SIPA, Columbia University Moderator: Jay Healey, Senior Research Scholar, Columbia SIPA</p>
3:30	3:45	Coffee break
3:45	5:15	<p align="center">Session 8: Decision-making under uncertainty (IAB, room 1501) Robert Jervis, Adlai E. Stevenson Professor and Professor of International and Public Affairs, Department of Political Science & SIPA, Columbia University Rose McDermott, David and Marianna Fisher University Professor of International Relations, Watson Institute for International Studies, Brown University Moderator: Herb Lin, Senior Research Scholar, Stanford CISAC</p>
5:15	6:15	Break
6:15	8:15	<p align="center">Off-campus informal dinner at The Cecil 210 W 118th street, (at St. Nicholas Ave) New York, NY 10026; phone: (212) 866-1262 Transport will be provided, leaving from the corner of 118th St and Amsterdam Ave at 6pm</p>
Wednesday 24 June, 2015		
DAY 3: CIVIL LIBERTIES, LAW AND SECURITY		
8:30	9:00	Breakfast

9:00	10:30	<p>Session 9: Tension between civil liberties and security (IAB, room 1501) Matthew Connelly, Professor, Department of History, Columbia University Susan Landau, Professor of Social Science and Policy Studies, Worcester Polytechnic Institute Moderator: Benjamin Dean, Fellow, Columbia SIPA</p>
10:30	10:45	Coffee break
10:45	12:15	<p>Session 10: Domestic and international law and policy frameworks (IAB, room 1501) Matthew Waxman, Liviu Librescu Professor of Law & Faculty Chair, Roger Hertog Program on Law and National Security, Columbia Law School Moderator: Jay Healey, Senior Research Scholar, Columbia SIPA</p>
12:15	14:15	<p>Lunch & closing thoughts (IAB, room 1501) Session Leaders: Jay Healey & Herb Lin</p>