2019 PONI WINTER CONFERENCE AGENDA
CENTER FOR STRATEGIC AND INTERNATIONAL STUDIES

Wednesday, December 11, 2019

8:30  CONFERENCE CHECK-IN

9:00  CONFERENCE WELCOME
Rebecca Hersman, Director, Project on Nuclear Issues and Senior Adviser, International Security Program, Center for Strategic and International Studies

9:10 Opening Keynote
Honorable Rose Gottemoeller, Former Deputy Secretary General of NATO

Moderator: Rebecca Hersman, Director, Project on Nuclear Issues and Senior Adviser, International Security Program, Center for Strategic and International Studies

10:00  PANEL 1: BRAVE NEW WORLD – EMERGING TECHNOLOGIES AND STRATEGIC GOALS
Panel Moderator: Sarah Gonzalez, International Affairs Analyst, Committee on Foreign Investment in the United States (CFIUS) Office of International Affairs, IA-61 U.S. Department of Energy

Artificial Intelligence and Strategic Stability: Implications for Nuclear Security, Deterrence, and Escalation in Future Warfare
Dr. James Johnson, Postdoctoral Research Fellow, The James Martin Center for Nonproliferation Studies

Artificial Intelligence and Nuclear Crisis Stability
Marshall Foster, Cadet, United States Air Force Academy

Applying Lessons Learned from Nuclear Material Management to Dual-Use Emerging Technologies
Matthew Keskula, Master’s Candidate, University of Maryland School of Public Policy
Lindsay Rand, PhD Student, University of Maryland School of Public Policy

Hypersonic Weapons: Tactical Uses and Strategic Goals
Alan Cummings, Master’s Candidate, The Fletcher School of Law and Diplomacy

11:40  LUNCH

12:00  Keynote
Under Secretary of Defense for Acquisition and Sustainment, Honorable Ellen Lord, Department of Defense
Moderator: Rebecca Hersman, Director, Project on Nuclear Issues and Senior Adviser, International Security Program, Center for Strategic and International Studies

1:20 PANEL 2: SEEING IS BELIEVING – THE ROLE OF PERCEPTION ON SECURITY CONCERNS
Panel Moderator: Paige Gasser, Lawrence Livermore National Laboratory

A Case for Understanding Public Nuclear Knowledge
Jamie Kwong, PhD Candidate, King’s College London

Threats to Pakistan’s Nuclear Weapons: Myth or Reality
Dr. Tahir Azad, Postdoctoral Fellow, School of Politics and International Relations, University of Leicester

OSINT Ethics: Application in the Nuclear Landscape
Catherine Haslam, PhD Candidate and Researcher, Centre for Science and Security Studies, King’s College London

An Analysis of Algerian Missile Arsenals: What OSINT Can Tell Us About Missile Proliferation in the Middle East
Agnieszka Krotzer, Research Intern, The James Martin Center for Nonproliferation Studies

3:00 BREAK

3:15 PANEL 3: DETERRENCE THEORY – ENSURING A CREDIBLE DETERRENT
Panel Moderator: Rachel Webb, Management Analyst, Headquarters Air Force, Directorate for Strategic Deterrence and Nuclear Integration

India and Pakistan’s Offensive Nuclear Relationship
Seap Bhardwaj, Student at The University of Wisconsin-Madison; Intern The Office of Congressman Bryan Steil (WI-01)

Fourth Generation Nuclear Weapons; Challenges to Arms Control and Deterrence Paradigms
MAJ Lorin D. Veigas, Nuclear Operations and Counterproliferation Officer, Air Force Institute of Technology

The Opportunity for Conventional Deterrence Against Limited Nuclear Aggression in the 21st Century
Dominic Law, MSci International Relations Graduate, The University of Nottingham, United Kingdom

Securing Economic Ties: Assessing the Extended Nuclear Deterrent
Sookyoun Kang, Pre-doctoral Fellow, Carr Center for Human Rights at Harvard Kennedy School; PhD Candidate, Josef Korbel School of International Studies at University of Denver

5:00  Closing Remarks

5:15  Reception