2012 SUMMER CONFERENCE
AGENDA

Los Alamos National Laboratory
J. Robert Oppenheimer Study Center
Los Alamos, NM

Tuesday, June 26th

5:00 Check-in and Badging
Hilton Buffalo Thunder Resort & Casino, 30 Buffalo Thunder Trail, Santa Fe, NM

7:00 End

Day One: Wednesday, June 27th

7:30 Shuttle bus departs from Hotel to LANL

8:15 Conference Check-in and Light Breakfast in J. Robert Oppenheimer Study Center

8:45 Conference Welcome
Dr. Clark Murdock, Senior Adviser and PONI Director, Center for Strategic and International Studies

8:50 Opening Remarks
Bryan L. Feeley, National Security Office Director, Los Alamos National Laboratory

9:00 Panel 1: Pathways and Obstacles to Lower Numbers

Moderator: Andrew L. Ross, Director, Center for Science, Technology, and Policy, University of New Mexico

The Future of the Triad, Fiscal Austerity, and the Vision of Nuclear Zero
Michaela Bendikova, Research Assistant, Heritage Foundation

Bioweapons: Impediment on the Road to Zero?
Eli Jacobs, Program Coordinator and Research Assistant, Center for Strategic and International Studies

Towards a Treaty Banning Low-Yield Nuclear Weapons
Crispin Rovere, Strategic and Defence Studies Centre, Australia National University

Repairing the Nuclear Weapons Complex: Knowledge, Credibility, and Institutional Survival
Benjamin Sims, Los Alamos National Laboratory, also representing: Christopher Henke

10:30 Break
10:50  Stockpile Stewardship at Los Alamos
Dr. Bob Webster, Associate Director for Weapons Physics, Los Alamos National Laboratory

11:20  Panel 2: Nuclear Weapons and Strategic Stability in Europe
Moderator: Dr. Hans Kristensen, Director, Nuclear Information Project, Federation of American Scientists

Trident, a Bent Spear: A Roadmap for British Nuclear Disarmament
Matthew Fargo, Research Intern, Center for Strategic and International Studies

The Evolution of NATO: A Collective Defense or Collective Security Organization?
Ariana Rowberry, National Security Office, Los Alamos National Laboratory

12:20  Lunch and breakout session: “What should the U.S. nuclear force structure be for 2020+?”
Moderators: Dr. Clark Murdock, Dr. Richard Wagner, Dr. James Tegnelia, Dr. Andrew Ross, Dr. Martin Malin
Lunch in J. Robert Oppenheimer Study Center, Designated breakout rooms

1:50  Break

2:10  Panel 3: New Tools and Methods for Nonproliferation
Moderator: Frank Pabian, Senior Geospatial Information Analyst, Los Alamos National Laboratory

Prioritizing Acquisition Pathways in the State Level Concept
Chantell Murphy, Graduate Research Associate, Los Alamos National Laboratory

Cyber Capacity and Counterproliferation: Determining a Cyber Command and Control Structure for Covert Counterproliferation Action
Christopher Conklin, M.A. Candidate, Monterey Institute of International Studies

Development of a reliable fuel depletion methodology for the HTR-10 spent fuel analysis
Kiwhan Chung, Scientist, Safeguards Science & Technology Group, Nuclear Engineering & Nonproliferation Division, Los Alamos National Laboratory, also representing: David H. Beddingfield, William H. Geist, and Sang-Yoon Lee

3:30  Break

3:50  Discussion and summary of break-out group findings

4:30  Shuttle bus returns guests to hotel

5:45  Reception
Hilton Buffalo Thunder, Pueblo 1B/C Room
6:45  Dinner & Evening Keynote Address  
Ms. Elaine Bunn, Distinguished Research Fellow, National Defense University

8:30  End of Day One
Day Two: Thursday, June 28th

8:00  Shuttle bus departs from Hotel to LANL
8:45  Coffee/Light Breakfast in J. Robert Oppenheimer Study Center
9:00  Panel 4: Nuclear Security in the 21st Century

Moderator: Dr. Clark Murdock, Senior Adviser and PONI Director, Center for Strategic and International Studies

Securing Nuclear Weapons and Materials: Progress on the Four-Year Effort and Next Steps
Eben Harrell, Research Associate, Harvard Kennedy School

The United Kingdom Efforts on Global Nuclear Threat Reduction
Craig Andrew, British Embassy, Washington D.C.

Changing Guardians: Options for Negotiating the FMCT Outside the Conference on Disarmament
Andrea Berger, Research Fellow, Deputy Director, Royal United Services Institute

A History of Folly: How the India and UAE Nuclear Deals Make the Case for a Greater Public-Private Partnership in Nuclear Security
Brad Simmons, M.A. Candidate, George Washington University, Intern, US Nuclear Energy Project, CSIS

10:30  Break
10:50  Panel 5: The Nonproliferation Hard Cases

Moderator: Dr. Martin Malin, Executive Director of the Project on Managing the Atom, Harvard University

A Bird’s Eye View of North Korea’s Nuclear Program
Niko Milonopoulos, Research Assistant, Stanford University

Pakistan 2014: from Paradigm Shift to Paradox
Egle Murauskaite, Short-term Scholar, James Martin Center for Nonproliferation Studies

Will Growing Latent Nuclear Weapons Capabilities Derail a Middle East Nuclear Weapons Free Zone?
Ryan Vigneux, Former Graduate Research Assistant, Monterey Institute of International Studies

12:10 Lunch & Afternoon Keynote Address: “Perilous Precedents: Proliferation as Strategy in a Proliferating World”
Dr. Christopher Ford, Director of the Center for Technology and Global Security, Hudson Institute

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<tr>
<td>1:00</td>
<td>Bus Departs for DAHRT Tour</td>
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<tr>
<td>1:15</td>
<td>Tour of DAHRT</td>
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<tr>
<td>4:30</td>
<td>Shuttle bus departs for hotel/Conference ends</td>
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<tr>
<td>6:30</td>
<td>Dinner for Remaining Guests</td>
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<td>Red Sage, Hilton Buffalo Thunder Resort &amp; Casino, Santa Fe, NM</td>
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