Chinese Defense Science, Technology, and Innovation in the Era of Xi Jinping: Research Insights From the Project on the Study of Innovation and Technology in China at the University of California Institute on Global Conflict and Cooperation

University of California Washington D.C. Center
January 30-31, 2014

This workshop provides a wide-ranging examination of current developments and longer-range trends in Chinese defense science, technology, innovation, and industrial activities under the new leadership of Xi Jinping. Presentations will explore a diverse array of topics that include: 1) the implications of Xi Jinping’s ascension to power for the Chinese defense science, technology, and innovation system; 2) the pivotal role that foreign technology transfers play in China’s defense science and technology development; 3) China’s defense science and technology collaboration with Russia and the Ukraine; 4) an in-depth exploration of the Chinese defense research, development, and acquisition system; 5) a case study of the development of China’s high performance computing sector; and 6) implications for the United States.

This workshop draws upon the expertise of the DOD-funded Minerva Project on the Study of Innovation and Technology in China located at the University of California Institute on Global Conflict and Cooperation and leading China security experts affiliated with the project. Lunch will be provided. Dress is business casual.

Thursday, January 30

8:00 am Opening Remarks
Tai Ming Cheung, University of California – San Diego

8:15 – 10:00 am Money, Politics, and Programs: Opportunities and Challenges for China’s Defense Science, Technology, and Innovation System Under Xi Jinping
Tai Ming Cheung, University of California – San Diego
10:00 – 10:15 am  Break
10:15 - 12:00 pm  The Importance of Foreign Technology in China’s Defense S&T Development
   *Tai Ming Cheung, University of California – San Diego*
12:00 pm – 1:00 pm  Lunch
1:00 – 3:00 pm  The November 2013 Third Plenum and Implications for Chinese Defense Science and Technology and National Innovation Policy
   Moderator: *Tai Ming Cheung, University of California – San Diego*
   Panel: *Barry Naughton, University of California – San Diego*
   *Chris Johnson, Center for Strategic and International Studies – DC*
   *Jimmy Goodrich, Information Technology Industry Council – DC*
3:00 – 3:10 pm  Break
3:10 – 4:00 pm  China’s Defense Science and Technology Collaboration with Russia and the Ukraine
   *Tai Ming Cheung, University of California – San Diego*
4:00 - 5:30 pm  Reception at Beacon Hotel

**Friday, January 31**

Understanding China’s Defense Research, Development, and Acquisition System

8:00 – 9:00 am  Overview
   *Kevin Pollpeter, University of California – San Diego*
9:00 - 9:15 am  Break
9:15 – 11:45 am  RDA Case Studies: Space (Beidou), Electronics (Integrated Command Platform), Ordnance (MLRS), and Aviation (J-10)
   *Kevin Pollpeter, University of California – San Diego*
   *Andrew Erickson, Naval War College – Newport*
   *Cortez Cooper, RAND – DC*
*8:30-10:00 am  Future Plans for UCSD’s “Study of Innovation and Technology in China Project” (Select Invitees Only –UCDC)
11:45 - 12:45 pm  Lunch

12:45 – 2:15 pm  The Development of China’s High Performance Computer Industry

Tai Ming Cheung, University of California – San Diego
Jordan Wilson, University of California – San Diego

2:15pm - 3:15pm  Implications for the United States

Moderator: Tai Ming Cheung, University of California – San Diego
Panel: Thomas Mahnken, Naval War College – Newport
Andrew Erickson, Naval War College – Newport
Jacques Gansler, University of Maryland – College Park
Thomas Ehrhard, U.S. Air Force - DC

3:15pm – 3:30pm  Closing Remarks

Tai Ming Cheung, University of California – San Diego