

IGCC 2016 SUMMER TRAINING WORKSHOP ON STUDY OF INNOVATION AND TECHNOLOGY IN CHINA

AGENDA
DAYS 1-2

INTRODUCTION

This course examines the relationship between national security, technology, innovation, and China's rise as a world power. Of central interest is how China is mobilizing and applying its economic, political, strategic, corporate, financial, intellectual, and scientific capabilities in conjunction with leveraging external resources to achieve its grand ambition of catching up technologically with the world's advanced military powers.

This course runs from July 20 to July 28.

WEDNESDAY, JULY 20

OPENING RECEPTION AND DINNER

6:00 pm - 8:00 pm **Opening Reception and Dinner**
The Village at Torrey Pines, 15th Floor, Room A

THURSDAY, JULY 21

STATE OF THE FIELD, DEFENSE INNOVATION, GRAND STRATEGIC THINKING ON SECURITY AND DEVELOPMENT, AND EVOLUTION OF THE DEFENSE ECONOMY

- 8:00 am - 8:30 am **Welcome & Overview of Course Program, Goals & Objectives, and Participant Introductions**
Tai Ming Cheung
- 8:30 am - 10:15 am **The Study of Defense Innovation and Chinese Defense Innovation**
Tain Ming Cheung
- 10:15 am - 10:30 am **Break**
- 10:30 am - 12:30 pm **The Place of Science and Technology in Chinese Thinking on Security and Development: Techno-Nationalism and Chinese Approaches to Technological Innovation**
Tai Ming Cheung
- 12:30 pm - 1:30 pm **Lunch**
- 1:30 pm - 4:00 pm **The Development of the Defense Economy From Mao Zedong to Hu Jintao (1950s-Early 2010s)**
Tai Ming Cheung

All meetings will be held at the Rady School of Management, Wells Fargo Hall, 5th Floor, Sky Pavilion, unless otherwise specified.



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AGENDA DAY 3

FRIDAY, JULY 22

COMPETITIVE STRATEGIES, ORGANIZATION OF THE S&T SYSTEMS, RESTRUCTURING UNDER XI JINPING, AND REFORMING CHINA'S S&T SYSTEM FOR HIGHER-END INNOVATION

8:00 am - 8:30 am **Review and Discussion**

8:30 am - 10:15 am **Competitive Strategies: Theory, Practice, and the Case of the US vs. China**
Thomas Mahnken

10:15 am - 10:45 am **Break**

10:45 am - 12:30 pm **The Leadership and Organizational Structures of the Chinese Civilian and Defense S&T Systems**
Tai Ming Cheung

12:30 pm - 1:30 pm **Lunch**

1:30 pm - 3:00 pm **Xi Jinping and the Restructuring of the PLA High Command and the Implications for the Defense Science and Technology System**
Tai Ming Cheung

3:00 pm - 3:15 pm **Break**

3:15 pm 4:45 pm **Reforming China's National and Defense S&T Systems to Engage in Higher-End Innovation**
Tai Ming Cheung

7:00 pm **Jeopardy!**
At the UCSD Faculty Club
Eric Anderson

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DAYS 4-5

SATURDAY, JULY 23

CHINESE LONG-TERM ARMAMENT STRATEGIES AND PLANS STRUCTURE AND PROCESS OF CHINA'S DEFENSE S&T SYSTEMS FOR RESEARCH, DEVELOPMENT, AND ACQUISITION, FUNDING ISSUES, AND THE ROLES OF DEFENSE CORPORATIONS

- 8:00 am - 10:00 am **Making and Implementing Chinese Military Long Term Armament Development Strategies and Plans**
Tai Ming Cheung
- 10:00 am - 10:15 am **Break**
- 10:15 am - 12:00 pm **The Structure and Process of China's Approach to Defense Research, Development, and Acquisition**
Tai Ming Cheung
- 12:00 pm - 1:00 pm **Lunch**
- 1:00 pm - 2:30 pm **The Funding of China's Defense Science, Technology, and Industrial System and the Transformation of its Defense Corporations**
Tai Ming Cheung
- 2:30 pm - 2:45 pm **Break**
- 2:45 pm - 4:00 pm **Review and Discussion Session**

SUNDAY, JULY 24

FREE DAY - NO CLASS

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AGENDA DAY 6

MONDAY, JULY 25

FOREIGN TECHNOLOGY TRANSFERS, CHINA-RUSSIA COOPERATION, AIRPOWER, AND US-CHINA COMPETITION IN HYPERSONIC AND CYBERSPACE

- 8:00 am - 9:45 am **The Importance of Absorption and Foreign Technology in China's Defense S&T Development**
Tai Ming Cheung
- 9:45 am - 10:00 am **Break**
- 10:00 am - 12:00 pm **China-Russia Defense Technological and Industrial Cooperation**
Vasily Kashin
- 12:00 pm - 1:00 pm **Lunch**
- 1:00 pm - 2:45 pm **The Changing Innovation Dynamics of Chinese Airpower**
Tai Ming Cheung
- 2:45 pm - 3:00 pm **Break**
- 3:00 pm - 4:30 pm **The Innovation Dynamics of China's High-Performance Computing System**
Tai Ming Cheung

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AGENDA DAY 7

TUESDAY, JULY 26

AEROSPACE, CORRUPTION, REGIONAL RESPONSES, AND WRAP-UP

- 8:00 am - 8:30 am **Review and Discussion**
- 8:30 am - 10:30 am **Technological Innovation in the Chinese Space Industry**
Kevin Pollpeter
- 10:30 am - 10:45 am **Break**
- 10:45 am - 12:30 pm **The Impact of Corruption and Structural Impediments on China's Defense Science, Technology, and Innovation System**
Tai Ming Cheung
- 12:30 pm - 1:30 pm **Lunch**
- 1:30 pm - 3:15 pm **Regional Responses and Perspectives to China's Defense Science and Technological Development**
Richard Bitzinger
- 3:15 pm - 4:30 pm **Policy Implications of Chinese Defense Modernization and Course Wrap-Up**
Tai Ming Cheung

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