

2nd USA-China Seminar on Technical Innovation

Industrial Research Institute
Othmer Halls A&B
1550 M Street, N.W.
Washington DC, March 18-20, 2002

Program Agenda

March 18:

6:00pm Opening Reception, Governor's House Hotel, Tom **Ratchford** presiding.

Welcome and remarks:

Mark **Grady**, Dean, George Mason Law School

Xueyong **Li**, Vice Minister of Science and Technology, PRC

Zuoyan **Zhu**, Vice President, National Natural Science Foundation of China (NSFC)

Speaker:

Phillip **Bond**, Undersecretary Technology, USA Dept. of Commerce.

March 19:

8:45am A. Opening Session, Industrial Research Institute:

Chairs: Zuoyan **Zhu**, Vice President, NSFC, and Member, CAS

Thomas **Ratchford**, Professor, George Mason University School of Law

8:45 Welcome by chairs – Zuoyan **Zhu** and Tom **Ratchford**

8:55 Keynote: Xueyong **Li**, Vice Minister of Science and Technology, PRC

“China’s Policy for Technical Innovation in the New Century”

9:10 Lewis **Branscomb** (Harvard Univ.) “Transition from Invention to Innovation”

9:30 Qingrui **Xu** (Zhejiang Univ.) “The Transition from Imitation to Innovation”

9:50 *discussion*

10:10-10:30 *coffee break*

10:30am B. Creation of Innovations: Research Centers, Institutes and Universities

Chairs: Scott **Shane**, University of Maryland

Xielin **Liu** (MOST)

10:30 David **Mowery** (Haas Business School, Berkeley) “Cooperative R&D

Agreements and R&D Collaboration between Firms and Public Laboratories
in the United States”.

10:50 Rongping **Mu** (Chinese Acad. Science) "The Impact of R&D Institute Reform on
Technological Innovation in China".

11:10 *discussion*

11:30 Bhaven **Sampat** (Georgia Institute of Technology) “Commercial
Innovations from US Universities”

11:50 Lan **Xue** (Tsinghua Univ) “University-Industry Collaboration in China”

12:10 *discussion*

12:30-2:00 Luncheon: Address: Carl **Dahlman**, World Bank, introduced by Lewis Branscomb

2:00pm C. Innovations in Large Enterprises and Their Supply Chains

Chairs: Lan **Xue**, Tsinghua University

Alex **De Angelis**, US National Science Foundation

2:00 Jian **Cui** (Baosteel Group) “Baosteel: from High-level Introduction to Autonomous Innovation”

2:20 Lonnie **Edelheit** (GE) “Global Technology at GE”

2:40 *discussion*

3:00-3:20 *Coffee break*

3:20 Guoxin **Liu** (Wuhan University of Technology.)

3:40 F.M Ross **Armbrecht** (IRI) "Enhancing the Effectiveness of Industrial Innovation."

4:00 *discussion*

4:20pm D. Globalization: Transnational Dependences in Innovation

Chairs: Qingrui **Xu**, Professor of Zhejiang University, PRC

.David **Mowery**, Prof., Haas School of Business, Univ. Cal. Berkeley

4:20 Jim **Jarrett** (Intel): “Intel China Labs: A Key Element in a Global Effort”

4:40 Karen **Guo** (Motorola China) “Summary of Motorola Technology Innovation in China”

5:00 Cathleen A. **Campbell**, Dir. International Technology Policy and Programs, Technology Administration, U.S. Dept of Commerce

5:20 *discussion*

6:30pm Banquet Governor’s House Hotel. Speaker Arden **Bement** (Director, NIST), L. **Branscomb** presiding

March 20:

8:00am E. Innovation in Small and New High Tech Enterprises

Chairs: Zuoyan **Zhu**, Vice President of NSFC.

Lewis **Branscomb**, Prof. em., Harvard University

8:00 Jin **Chen** (Zhejiang U) “Innovation Process in New Enterprises and High Tech Sectors”

8:20 Gang **Xiang** (Kunming Univ. of Science and Technology) “Some Exploratory Research on Chinese State-owned Enterprise's Sustainable Innovation Process”

8:40 David **Hart** (Harvard University) “Entrepreneurship, Governance and High Tech Innovation”

9:00 Yuan **Li** (Xi’an Jiaotong Univ.) “Relationship between the Innovation behavior and Innovation Type: the Choice of Product Innovation and Process Innovation during the Transition Period in China”

9:20 *discussion*

9:40-10:00 *Coffee break*

10:00am F. Financing Innovations

Chairs: Xiaotian **Chen**, Deputy Director of Department of Management Science, NSFC
Denis **Simon**, President, Monitor China.

10:00 Jian **Gao** (Tsinghua Univ) “Financing and Performance of Technological Innovation in China”

10:20 Philip **Auerswald** (Harvard U) “Financing the Invention to Innovation Transition in the USA.”

10:40 *discussion*

11:00am G. Innovation Networks and Social Capital

Chairs: Jin **Chen**, Professor, Zhejiang University, PRC
David **Hart**, Professor, Harvard University

11:00 Denis **Simon** (China Monitor) “the San Diego Study”

11:20 Xielin **Liu** (MOST) “Transition of innovation network in China:-----China's pharmaceutical industry ”

11:40 *discussion*

12:00 – 2:00 Lunch: Address, Prof. Xiaotian **Chen** (Deputy Director of Department of Management Sciences, NSFC, PRC). “NSFC Support for Research on Technical Innovation in China”. Introduced by Alex DeAngelis (NSF)

2:00 pm G continued

2:00 Dan **Berglund** (State S&T Institute) “US State Governments in Support of High Tech Innovation.”

2:20 Scott **Shane** (U. Maryland) “Start-up Companies and University Technology”

3:00 Jianing **Mi** (Harbin Institute of Technology) “China’s High Technology Policy and its National Technological Innovation System”

3:20 *discussion*

3:40-4:00 *Coffee break*

4:00 H. Summary Discussion

Chairs: Lewis **Branscomb**, Harvard University
Zuoyan **Zhu**, VP, National Natural Science Foundation, PRC, and Member CAS

4:00 Short remarks by panelists – Qingrui **Xu**, Tom **Ratchford**

4:15 Summary discussion by all participants.

5:00pm Adjourn