旅美科技协会
Chinese Association for Science and Technology, USA (CAST-USA)

INVITATION

GLOBAL INNOVATION SUMMIT 2025



Fairfax, VA

October 10-12, 2025

The United Annual Conference of CAST-USA and

GLOBAL INNOVATION SUMMIT 2025

Where Technology Meets Tomorrow

VALUE PROPOSITION

Brilliant Decade • Nobel Laureates Honors

Over the past ten years, the Annual Meeting of CAST has been honored to gather nine Nobel Prize winners, including

▶ NOBEL PRIZE IN PHYSIOLOGY/MEDICINE

- PROF. THOMAS SÜDHOF (2013)
- DR. CRAIG C. MELLO (2006)

▶ NOBEL PRIZE IN CHEMISTRY

- PROF. JEAN-PIERRE SAUVAGE (2016)
- PROF. DAN SHECHTMAN (2011)
- PROF. KURT WUTHRICH (2002)

▶ NOBEL PRIZE IN PHYSICS

- PROF. F. DUNCAN M. HALDANE (2016)
- DR. JOHN C. MATHER (2006)
- PROF. FRANK WILCZEK (2004)

▶ NOBEL PRIZE IN ECONOMICS

- PROF. JOSEPH E. STIGLITZ (2001)

VALUE PROPOSITION

Gathering of Luminaries

The summit has also welcomed leading scientists across disciplines:

Chih-Cheng Tsai
Academician, Academia Sinica (Taiwan)

Jason (Jingsheng) Cong
Member, American Academy of Arts and Sciences

Joseph Beavo
Member, National Academy of Sciences (U.S.)

Kai Li
Member, American Academy of Arts and Sciences

Lieping Chen
Member, National Academy of Sciences (U.S.)

Paul C. W. Chu
Member, National Academy of Sciences (U.S.);
Member, American Academy of Arts and Sciences;
Foreign Academician, Chinese Academy of Sciences (CAS);
Academician, Academia Sinica (Taiwan)

Peidong Yang
Foreign Academician, Chinese Academy of Sciences (CAS)

Shing-Tung Yau
Fields Medalist in Mathematics;
Member, National Academy of Sciences (U.S.);
Member, American Academy of Arts and Sciences

Shu Chien
Member, National Academy of Engineering;
Member, National Academy of Sciences (U.S.);
Member, National Academy of Medicine;
Member, American Academy of Arts and Sciences

Shuguang Zhang
Member, Chinese Academy of Engineering

Xiaoliang Xie
Member, National Academy of Sciences (U.S.);
Member, National Academy of Medicine;
Member, American Academy of Arts and Sciences;
Foreign Academician, Chinese Academy of Sciences (CAS)

Xiaowei Zhuang
Member, National Academy of Sciences (U.S.);
Foreign Academician, Chinese Academy of Sciences (CAS)

Yi Cui
Member, National Academy of Sciences (U.S.)

Yi Zhang
Member, National Academy of Medicine

Yitang Zhang
Recipient, Ostrowski Prize (2013); Recipient,
Frank Nelson Cole Prize in Number Theory (2014)

Yizhao Hou
Member, American Academy of Arts and Sciences

Yuk-Ming Dennis Lo
Member, Chinese Academy of Sciences

Yun-Hang Hu
Member, Canadian Academy of Engineering

Zhong Lin Wang
Foreign Academician, Chinese Academy of Sciences (CAS);
Member, European Academy of Sciences;
Academician, Academia Sinica (Taiwan);
Member, Canadian Academy of Engineering

Their attendance has built a world-class platform for academic exchange, witnessing the influence and academic prestige of the annual meeting

VALUE PROPOSITION

Industry Empowerment

■ Deep-Dive Forums

Explore disruptive breakthroughs in AI/Biotech/ Energy

■ Boundless Intelligence

AI-driven transformation across industries

■ Education Revolution

Redefine global learning boundaries

■ Global Expansion

Policy insights for worldwide growth

■ Rising Stars

Tech unicorns born from innovation competitions

2025 Global Innovation Summit Agenda

(The United Annual Conference of CAST-USA)

Fairfax, VA October 10-12, 2025

October 10

18:30-21:00 **Welcome Reception**
(Invited Guests Only)
Tysons Corner, VA

October 11

8:30-9:30 **Check-in & Networking**

9:30-9:45 **Opening Ceremony**

Welcome Remark at Opening Ceremony
Dr. Xingyu Wang, Chairman of the Annual Conference Organizing Committee
Invited Official Remarks
Commonwealth of Virginia

9:45-12:15 **Keynote Speeches (Hosted by Conference Co-chair Mr. James Bo)**

Speaker 1: Dr. Joachim Frank, Nobel Prize in Chemistry, Columbia University Irving Medical Center
Topic: Capturing biomolecular reactions in real time by time-resolved cryo-electron microscopy

Speaker 2: Dr. Avi Wigderson, Turing Award, Institute for Advanced Study, Princeton
Topic: Theoretical origins of technological revolutions

Speaker 3: Haifan Lin, Member of National academy of science and National academy of engineering, Yale University
Topic: Pursuing the Mystery of Stem Cells

Speaker 4: Dr. Yiran Chen, Fellow of the National Academy of Inventors , Member of the European Academy of Science, Duke University.
Topic: Edge AI: Everything Everywhere All at Once

Speaker 5: Ms. Sarah Long CEO, Advance Technology Group
Topic: Navigating the Crossroads: Entrepreneurship and Life's Defining Choices

12:15-12:30 **Award Ceremony /Group Photo**

2025 Global Innovation Summit Agenda

(The United Annual Conference of CAST-USA)

Fairfax, VA October 10-12, 2025

October 11

12:30-13:30 **Lunch**

13:30-15:40 **Special Parallel Subforum**

Forum I: AI Frontiers: Applications, Breakthroughs and the Future
Chair: Dr. Victor Wang

Forum II: Digital Economy and Emerging Finance
Chair: Dr. Yingxia Yang

Forum III: Life Sciences & Tech: Innovating Health, Biology & Beyond
Chair: Dr. Jun Zhao, Ms. Jiawei Tang

Forum IV: International Forum on Innovation & Cooperation
Chair: Mr. Yubin Ye

16:00–17:50 **The Innovation Showcase: Pitching Tomorrow's Solutions**
Chair: Mr. James Bo

18:00-20:30 **Closing Ceremony & Banquet**

Special Guest Speech (Sponsors)
Remark at Closing Ceremony Dr. Vicky Huang, Chairman of BOD CAST-USA

21:00-22:30 **Joint Meeting of All CAST Chapters**

October 12

Navigate D.C. Your Way: Curated Paths for Self-Guided Discovery