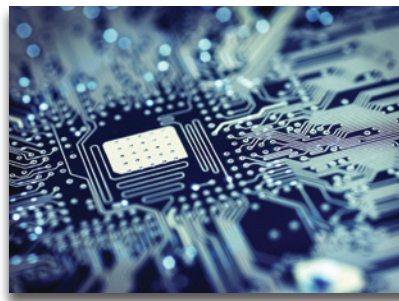




中國旅美科技協會

Chinese Association for Science and Technology, USA



2015

INTERNATIONAL FORUM FOR TECHNOLOGY INNOVATION

COLLABORATION AND DEVELOPMENT

THE 23RD ANNUAL CONFERENCE OF CAST-USA

科技创新与合作发展论坛
暨中国旅美科技协会第23届年会

HYATT DULLES AT DULLES INTERNATIONAL AIRPORT

2300 DULLES CORNER BOULEVARD

HERNDON, VA 20171

国务院侨务办公室

贺 信

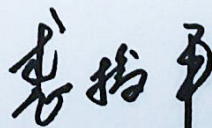
中国旅美科技协会：

欣闻“科技创新与合作发展论坛暨中国旅美科技协会第23届年会”即将召开，我谨代表中国国务院侨务办公室致以热烈祝贺！

长期以来，贵会作为在美侨界代表性较强、影响力较大的科技社团之一，为促进广大会员事业发展，推动中美科技、经济、文化、人才等多领域交流合作发挥了积极作用。相信贵会定能秉承创会宗旨，继续凝心聚力，不断开拓创新，为服务本会会员、促进中美合作做出新的贡献。

预祝大会取得圆满成功！

中国国务院侨务办公室 主任



2015年9月30日

中国科学技术协会

海外智力为国服务行动计划领导小组办公室

贺 信

值此中国旅美科技协会第二十三届年会暨“科技创新与合作发展论坛”在美国首都华盛顿召开之际，我谨代表中国科学技术协会向本次大会的召开表示热烈的祝贺！

中国旅美科技协会作为一个活跃在美国本土并在中国也有相当的知名度的民间科技团体，近年来在促进中美两国之间的科技、教育和文化交流方面更为积极、建树颇多。在全球科技和中国发展的新形势下，中国旅美科技协为促进中美之间科技人才的沟通交流和科技项目的发展合作全力以赴，切实发挥了中美民间科技团体的桥梁和平台作用。

此次大会以“科技创新与合作发展”为主题，聚焦高科技领域，并注重项目、人才的对接，专业、务实、共赢的理念令人赞赏。中国科协将秉承同样的理念，继续与中国旅美科技协会以及海外科技团体进一步加深合作，为加快中国科技创新、增强自主创新能力，实现中国科技创新飞跃做出积极贡献！

预祝中国旅美科技协会第二十三届年会取得圆满成功！

中国科协书记处书记：



中华全国归国华侨联合会

贺 信

中国旅美科技协会：

欣闻“科技创新与合作发展论坛——暨中国旅美科技协会第 23 届年会”即将举行，特致函表示热烈祝贺！

贵会成立 23 年来，始终致力于促进中美之间文化、科技、教育、经贸等领域交流合作，弘扬中国传统文化，为促进中美学术交流、科技创新和学术成果转化作出了重要贡献。同时，贵会一直关心和支持侨联工作，积极参与我会主办的活动，在科技、文化等领域我们有着很好的合作，并结下深厚友谊。

值此盛会，我们谨祝贵会事业昌隆、人才鼎盛！祝与会诸位身体健康，事业发达！





COMMONWEALTH of VIRGINIA
Office of the Governor

Terence R. McAuliffe
Governor

October 9, 2015

Dear Friends:

I am pleased to extend a warm welcome to everyone attending the 2015 International Forum for Technology Innovation, Collaboration, and Development.

Economic, scientific, and technological cooperation between China and the United States is essential for both nations to build stronger economies and societies. This conference plays a critical role by fostering increased collaboration between our countries to address issues including climate change, energy, and public health.

The Chinese Association for Science and Technology, USA (CAST-USA) is an important resource for connecting businesses in China and the United States, especially within Virginia. I commend CAST-USA and its affiliates for choosing "technology innovation, collaboration, and development" as the theme for this conference. Science and technology are essential components of today's economy, and Virginia is home to some of the best technology companies in the world. Your organizations' work to attract Chinese and Chinese-American businesses to Virginia is a crucial part of that success. Thank you for all that you do to strengthen the Commonwealth and relationships between Chinese and American businesses.

I send you my best wishes for a successful conference, and I look forward to welcoming you to the Commonwealth of Virginia in the future.

Sincerely,

A blue ink signature of Terence R. McAuliffe, written in a cursive style.

Terence R. McAuliffe



Dear CAST-USA members and Friends:

On behalf of the Conference Organizing Committee, I am very pleased and honored to welcome all of you to attend the 2015 International Forum for Technology Innovation, Collaboration and Development (The 23rd Annual Conference of Chinese Association for Science and Technology, USA) in Hyatt Dulles at Herndon, VA, Dulles Technology Corridor.

The theme of the conference is “Technology innovation, collaboration and development”. The Conference will cover several areas: new energy and environmental protection, information technology, biopharmaceutical science and medicine, international talent cooperation and startup competition, etc., and highlight the technology innovation. CAST-USA is now one of the most-recognized organizations among Chinese professionals in the United States. It is the leading institution dedicated to the promotion of understanding between Americans and ethnic Chinese in the United States. Since its foundation, CAST-USA has established strong ties with the scientific and technological communities both in the United States and in China.

We are very fortunate and honored to have six keynote speakers, they are: Dr. John C. Mather, Nobel Prize winner in Physics 2006, Prof. C. Daniel Mote, Jr., President of the National Academy of Engineering; Dr. Qi Lu, Executive Vice President, Microsoft’s Applications and Services Groups; Dr. Kai Li, Member of National Academy of Engineering, Professor of Princeton University; Dr. Xiaowei Zhuang, Member of National Academy of Sciences and Member of American Academy of Arts and Sciences, Professor of Harvard University; Dr. Victor Yuan, Chairman of Horizon Research Consultancy Group, Founder of Pegasus (Angel Investment and Service). Their tremendous success and experience will definitely inspire scientists, engineers, entrepreneurs and young students over the conference.

The conference agenda include four sessions, covering areas of Biopharmaceutical Science and Medicine, Information Technology, Energy & Environmental Protection and International Talent Cooperation. Established scientists and entrepreneurs from U.S. and China as well as well-known experts, academic and social celebrities and officials are invited as speakers to share their viewpoints, expertise and experiences in various technological fields, as well as success stories for capitalizing on innovations in new technologies.

In order to promote the globalization of technologies, the technology innovation event will have two major parts: Innovation & Entrepreneurship Forum & Startup Competition, and International Talent Exchange, with the purpose of cultivating the startup environment in the United States, and facilitating the direct contacts between new entrepreneurs and investors.

This year, several highly distinguished delegations from Shandong Association for Science & Technology, Chongqing Human Resources and Social Security Bureau, Overseas Chinese Affairs Office of Yunnan, Sichuan Entrepreneurs Group, Corporate Executives Group, Pegasus (Angel Investment and Service) Group, United Medicine Network Technology Co., Ltd. and National Network Information Office are joining us and they will present their great incentive policies and investment resources. We encourage all attendees to meet them during the conference, to explore potential partnership and collaboration opportunities.

Thanks to the very generous support this year from our sponsors, CAST-USA is able to hold the 23rd Annual Conference. Our sponsors include Chongqing Talent Great Market, United Medicine Network Technology Co., Ltd., China Telecom, CIC International, V-life, BICI USA, Uphoff Venture, TusStar, Tuspark, TusEduation, AcInnopark, BOS Investment, Hytera America Inc., Sanmeng Technology Co., Ltd., Greencourt Capital Inc., Loudoun County Economic Department, Universal Stones, United Realty Inc., ZTE, Applied Materials, Xtecher, Triway International Group, Precisionary Instruments, Washington China Chamber of Commerce (WCCC), Molon Lave Vineyards, Zhongguancun Science park, US-China Business & Culture Exchange, Inc., Sunfory, Team Net Medical, American College of Commerce & Technology/Academic Excellence International Education, US-China Foundation Exchange and Development, Hygeia and others. On behalf of CAST-USA, I would like to thank our sponsors for their strong commitment and generous contribution to CAST-USA.

Lastly, I would like to express my gratitude to all keynote/session speakers, sponsors, guests, media friends, members and volunteers! I wish you a productive and successful conference.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Yunming Song'.

Yunming Song, Ph.D.
President of CAST-USA



Distinguished Delegates, Ladies and Gentlemen,

It gives me great pleasure to extend to you all a very warm welcome on behalf of CAST Washington DC Chapter and CAST Network Information Society and to say how grateful we are to be the host to the 23rd Annual Conference of Chinese Association for Science and Technology, USA.

President Dr. Song has pointed out the theme of the conference, listed rich programs, highlighted outstanding keynote speakers, and appreciated our kind sponsors. In order to really emphasize the theme of “Technology innovation, collaboration and development”, CAST-USA leaders proposed and approved to have a startup competition which is the first time in CAST history in this annual conference. It’s exciting while challenging. We have over ten outstanding judges to help us and you will know everyone of them during the conference.

With a great support from DC Chapter/NIS leaders and members, we have been successfully conducted 9 “innovation and entrepreneurship forums” past a year. We also have developed online submission and rating system to allow global wide Business Plan submission and evaluation.

With the leadership of CAST-USA, we have delivered four WeChat trainings covering “How to prepare you for startup”, “How to write a good business plan”, “How to evaluate a startup project” and “how to improve presentation skills”. Our members and friends are very pleased what we have delivered. CAST leaders would like to contribute CAST resources to improve our community. CAST leaders would like to inspire the entrepreneurs. Our CAST leaders are amazing people. You are amazing. And you can be even more amazing with the help of friends and associations like CAST. CAST is here to support you. It is your association. Take advantage of everything it has to offer. Let CAST be your platform.

This annual conference will be very informative. I appreciate the moderator, speakers, sponsors and many dedicated volunteers for making this worthwhile conference possible. Please accept my sincere best wishes for a memorable and inspirational gathering. I wish all a pleasant stay among us in DC area and success in your personal and professional lives.

Sincerely yours,
James Bo

President of CAST-DC
Co-chair of 23rd CAST annual conference

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Innovation Award 2nd Prize Sponsors



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Table Sponsors



Host: Chinese Association for Science and Technology, USA (CAST-USA)

Co-Organizer:

CAST-USA Washington DC Chapter (CAST-DC)

Support Organization:

13 Regional Chapters

Arizona Chapter	Los Angeles Chapter	San Diego Chapter
Silicon Valley Chapter	Connecticut Chapter	Greater New York Chapter
Pennsylvania Chapter	North Carolina Chapter	Texas Chapter
Utah Chapter	Washington DC Chapter	Florida Chapter
West Virginia Chapter		

8 To-Be-Built Regional Chapters

Boston Chapter	Philadelphia Chapter	Atlanta Chapter
Houston Chapter	West Virginia Chapter	Nebraska Chapter
Denver Chapter	South Florida Chapter	

11 Liaison Offices in China

Beijing Office	Shanghai Office	Chengdu Liaison
Chongqing Liaison	Jinan Liaison	Shenyang Liaison
Haikou Liaison	Guangzhou Liaison	Wuhan Liaison
Dongguan Liaison	Qingdao Liaison	

Conference Organization:

OC, Organizing Committee: All CAST-EC and CAST-BOG members

SCOC, Standing Committee of Organizing Committee:

Yunming Song, Zhixiong Chen, Howie Yu, Yiqiang Cai, James Bo, Xiaoming Sheng, Tong Fang, Xinghua Pan, Le Wan, Xuguang Guo, Lukai Cai, Bill Jiang, Qiang Lu, Guang Guo, George Zhang, Changchun Xie

Co-Chairs: Yunming Song, Zhixiong Chen, James Bo

Session Chairs:

- | | |
|--|-------------------------------|
| ➤ Biopharmaceutical Science and Medicine | (Xinghua Pan, Xiaoming Sheng) |
| ➤ Information Technology | (Jizhong Xiao) |
| ➤ Energy & Environmental Protection | (Guang Guo) |
| ➤ International Talent Cooperation | (Yugui Guo) |

Conference Introduction

China and the United States have up to 30 years of scientific and technological exchanges and cooperation, which promotes basic research and personnel exchanges, increases friendship and understanding between two countries. It also brings a significant role to strengthen research cooperation, and promote technology innovation between universities, research institutes and enterprises.

The theme of this conference is "**Technology innovation, collaboration and development**". The Conference will cover several areas: new energy and environmental protection, information technology, biopharmaceutical science and medicine, international talent cooperation and startup competition, etc., and highlight the technology innovation. It requires the Sino-US joint efforts on technology sector, overcome challenges and achieve scientific sustainable development. The common goal of the innovation strategy between China and the United States, is to promote sustainable growth and quality employment, energy saving and environmental protection, new energy, information technology, biomedicine, new materials, etc., and highlight the scientific and technological innovation, strengthening the basis of cutting-edge research, focusing on cultivating new industries, strengthening the research infrastructure.

The Conference is hosted by Chinese Association for Science and Technology, USA (CAST-USA). Entrepreneurs, government officials, and renowned scientists from both China and U.S. are invited as speakers to share their viewpoints, expertise and experiences in various technological fields, as well as success stories for capitalizing on innovations in the new technologies. The members from CAST-USA's 13 regional chapters, 8 to-be-built regional chapters and 11 liaison offices in China, many of whom are experts, entrepreneurs and well-known academics in the area of new technology development will also attend the conference.

We want to extend this invitation to you and hope you can join us to learn about the cutting-edge new technology innovations, share insights and expertise in the technological developments, and explore career and entrepreneurial opportunities. We are very excited about this unprecedented event and sincerely hope to see you there.

Conference Topics

(1) Opening Ceremony and Keynote Speeches

Confirmed keynote speakers include

- Dr. John C. Mather, Nobel Prize winner in Physics 2006
- Prof. C. Daniel Mote, Jr., President of the National Academy of Engineering
- Dr. Qi Lu, Executive Vice President, Microsoft's Applications and Services Groups
- Dr. Kai Li, Member of National Academy of Engineering, Professor of Princeton University
- Dr. Xiaowei Zhuang, Member of National Academy of Sciences and Member of American Academy of Arts and Sciences, Professor of Harvard University
- Dr. Victor Yuan, Chairman of Horizon Research Consultancy Group, Founder of Pegasus (Angel Investment and Service)

Speakers and participants will also come from the private and business sector, as well as science and technology fields. There will be new technology development researchers in related fields, well-known overseas Chinese, Chinese and U.S. entrepreneurs and estimated 500 people attending the opening ceremony of the conference and workshops.

(2) Industries Thematic Forum Workshop

The topics include four main areas:

- Biopharmaceutical Science and Medicine
- Information Technology
- Energy & Environmental Protection
- International Talent Cooperation

(3) Startup Competition and Talent Exchange

In order to promote the globalization of technologies, the technology innovation event will have two major parts:

- Startup Competition
- Innovation & Entrepreneurship Forum
- International Talent Exchange

With the purpose of cultivating the startup environment in the United States, and facilitating the direct contacts between new entrepreneurs and investors. The final startup projects will be presented in the event.

Agenda

Friday, October 9th

- 10:00-20:00 ► Registration Opens
- 13:00-15:00 ► Networking & Refreshments
- 15:00-15:30 ► Welcome and Opening Remarks (Cirrus Ballroom)
.....
► Yunming Song, President of CAST-USA
.....
► Remark from Minister Wu Xi - Embassy of the People's Republic of China in the
United States of America
.....
► Remark from Terry McAuliffe or representative, Governor of Virginia
- 15:30-17:30 ► Keynote Speeches (Cirrus Ballroom)
.....
► Dr. John C. Mather, Nobel Prize winner in Physics 2006,
“New technologies for new discoveries in astronomy –giant telescopes in space and on the ground”
.....
► Prof. C. Daniel Mote, Jr., President of the National Academy of Engineering,
“Innovation: Risks are Necessary”
.....
► Dr. Kai Li, Member of National Academy of Engineering, Professor of Princeton University,
“Disruptive Research and Innovation”
- 17:30-18:30 ► Exhibit Hall Opens and Open Bar Reception (Hallway and Layton)
- 18:30-20:30 ► Banquet and CAST-USA Excellence Award Presentation (Luray Ballroom)
.....
► Present CAST-USA Award Excellence in Technology Innovation Leadership to Dr. Kai Li
.....
► Keynote Speech: Dr. Victor Yuan, Chairman of Horizon Research Consultancy Group, Founder of
Pegasus (Angel Investment and Service), “The new opportunity of entrepreneurship in
China: quality and feasibility”
.....
► Flag Presentation to All Regional Chapters
.....
► DinnerSpeech: Mr. Yong Li, Deputy Director, Chongqing Human Resources and Social Security Bureau
.....
► Mr. Michael Weng, CEO, CETETEK Technology Inc.

Saturday, October 10

- 08:00-09:00 ► Registration, Continental Breakfast
- 09:00-10:15 ► Keynote Presentation (Cirrus Ballroom)
.....
► Remark by Yunming Song, President of CAST-USA
.....
► Remark by James Bo, President of CAST-DC
.....
► Remark by Congressman C. A. Dutch Ruppersberger

Dr. Qi Lu, Executive Vice President, Microsoft's Applications and Services Groups

- 10:15-18:45 ► Exhibit Hall Opens (Hallway and Layton)
- 10:15-10:30 ► Break & Refreshments
- 10:30-12:20 ► Two Industries Thematic Forums In Parallel
► Biopharmaceutical Science and Medicine (Cirrus Ballroom AB)
► Information Technology (Rockbridge)
- 12:20-13:20 ► Break for Lunch, Exhibitions and Networking (Cirrus Ballroom AB)
► Ms. Xiyang Wang, General Manager of Sunmeng Information Technology Co., Ltd.
“Sunmeng Development Seminar”
- 13:20-15:10 ► Two Industries Thematic Forums In Parallel
► Energy & Environmental Protection (Cirrus Ballroom AB)
► International Talent Cooperation (Rockbridge)
- 15:10-15:30 ► Break & Refreshments
- 15:30-16:00 ► Keynote Presentation (Cirrus Ballroom AB)
► Dr. Xiaowei Zhuang, Member of National Academy of Sciences and Member of American Academy of Arts and Sciences, Professor of Harvard University, “Illuminating Biology at the Nanoscale with Single-molecule and Super-resolution Microscopy”
- 16:00-18:00 ► Two Activities In Parallel
► Innovation & Entrepreneurship Forum, Startup Competition (Cirrus Ballroom AB)
► Internal Talent Exchange (Rockbridge)
- 18:00-18:45 ► Networking Break and Open Bar Reception
- 18:45-20:45 ► Banquet, CAST-USA Award Ceremony and Closing Remarks (Cirrus Ballroom)
► CAST-USA Award: Excellence in Technology Innovation Leadership to Dr. Qi Lu
► CAST-USA Award: Excellence in Science Leadership to Dr. Xiaowei Zhuang
Innovation & Entrepreneurship Forum:
Jim Cheng,
Dr. Joseph Zhou
Ken Feng
Dr. Henry Shi
Present Innovation Prizes to Startup Competition Winners
Present Outstanding Awards

Sunday, October 11
Visit Washington DC

Keynote Speakers



Dr. John C. Mather: is an American astrophysicist, cosmologist and Nobel Prize in Physics laureate (2006) for his work on the Cosmic Background Explorer Satellite (COBE) with George Smoot. This work helped cement the big-bang theory of the universe. According to the Nobel Prize committee, “the COBE-project can also be regarded as the starting point for cosmology as a precision science.” Mather is a senior astrophysicist at the U.S. space agency’s (NASA) Goddard Space Flight Center (GSFC) in Maryland and adjunct professor of physics at the University of Maryland, College Park. In 2007, Mather was listed among Time magazine’s 100 Most Influential People in The World. In October, 2012, he was listed again by Time magazine in a special issue on New Space Discoveries as one of 25 most influential

people in space. Mather is also the project scientist for the James Webb Space Telescope (JWST), a space telescope to be launched to L2 no earlier than 2018.

Title: New technologies for new discoveries in astronomy – giant telescopes in space and on the ground

Abstract: Where did we come from, who are we, and where are we going? Astronomers worldwide are building and planning great new telescopes to see farther and better than ever before. Already under construction are the Square Kilometer Array in South Africa and Australia, the ALMA in the Chilean high desert, the Large Synoptic Survey Telescope, the Thirty Meter Telescope, the Giant Segmented Magellan Telescope, the European Extremely Large Telescope, and the James Webb Space Telescope (JWST), planned for launch in 2018. But that’s not nearly enough: we are thinking about the next generations of space telescope, like the Advanced Technology Large Aperture Space Telescope, the even more powerful Life Finder Telescope, and future X-ray and gravitational wave observatories. All of these marvels are propelled by technology advances as well as by the thrill of possible discovery, and none of them are the end of the line either. I will illustrate what these great telescopes do, talk about the new inventions at their hearts, and outline what it takes to conceive a new observatory like the JWST and take it to completion. I will talk about the open questions of astronomy, why they are still open, and what we are doing to answer them. I will speculate a little on how far astronomy can take us, about progress with robots and artificial intelligence, and about our ultimate future as the galaxies collide and stars burn out.



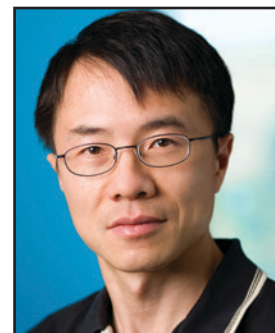
Prof. C. Daniel Mote, Jr., is the current President of the National Academy of Engineering. He served as President of the University of Maryland, College Park from September 1998 till August 2010. From 1967 to 1991, Mote was a professor in mechanical engineering at the University of California, Berkeley, and served as Vice Chancellor at Berkeley from 1991 to 1998.

Dr. Mote’s recognitions include the NAE Founders Award, the American Society of Mechanical Engineers Medal, and the Humboldt Prize of the Federal Republic of Germany. At the University of California, Berkeley, he was

honored with the Distinguished Teaching Award, Distinguished Engineering Alumnus Award, Berkeley Citation, and Excellence in Achievement Award. He is an Honorary Fellow of the American Society of Mechanical Engineers, and Fellow of the American Academy of Arts and Sciences, the American Academy of Mechanics, the Acoustical Society of America and the American Association for the Advancement of Science. He holds three honorary doctorates and two honorary professorships.

Title: Innovation: Risks are Necessary

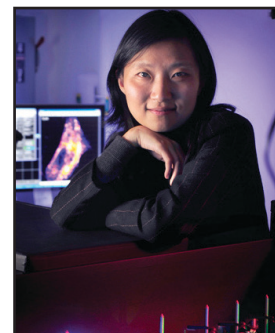
Dr. Qi Lu is the Executive Vice President, Microsoft's Applications and Services Groups. Dr. Lu obtained his BS and MS from Fudan University in Shanghai, China, and PhD in Computer Science from Carnegie Mellon. Dr. Lu is leading the company's work on the Bing search engine, Skype and Microsoft Office. Lu formerly worked as technology developer and manager for Yahoo!'s technology search division.



Lu worked in one of IBM's research labs from 1996–98, then joined Yahoo! and eventually rose to manage 3,000 engineers and the development of search and search advertising technologies for the company. Lu's departure from Yahoo! in mid-2008. After joining Microsoft, Lu was instrumental in driving the partnership with Yahoo! in search and the launch of Bing.

Dr. Xiaowei Zhuang is the David B. Arnold Professor of Science, a professor of chemistry and chemical Biology and a professor of physics at Harvard University. She is also an investigator of the Howard Hughes Medical Institute.

Zhuang is a biophysicist recognized for her work in the development and application of advanced optical imaging techniques for the studies of biological systems. In particular, she invented Stochastic Optical Reconstruction Microscopy (STORM), one of the first single-molecule-based super-resolution imaging methods. She demonstrated multi-color, three-dimensional super-resolution imaging of live cells and tissues with STORM. Zhuang has also established STORM as a powerful tool for biology and discovered novel cellular structures. Recently, Zhuang invented a single-cell transcriptome imaging method, MERFISH (multiplexed, error-robust fluorescence in situ hybridization), which allows numerous RNA species to be quantified in situ in the native context of cells and complex tissues. Her lab has also developed and applied single-molecule approaches to investigate the dynamics and function of biomolecules, with emphasis on protein-nucleic acid complexes important for gene expression and regulation.

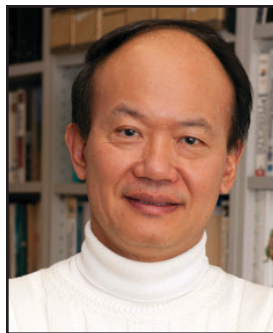


Zhuang was born in 1972. She received her B.S. degree in Physics from the University of Science and Technology of China in 1991, Ph.D. Degree in Physics from University of California at Berkeley in 1996 (Advisor Y. R. Shen), and postdoctoral training in biophysics at Stanford University during 1997-2001 (Advisor: Steven Chu). In 2001, she became an assistant professor at Harvard University, where she was promoted to associate professor in 2005 and full professor in 2006. She was selected as a Howard Hughes Medical Institute investigator in 2005.

Partial list of awards: MacArthur Fellowship, Searle Scholar, Sloan Fellowship, Packard Fellowship, Coblentz Award, American Chemical Society Pure Chemistry Award, American Physical Society Max Delbruck Prize in Biological Physics, Raymond & Beverly Sackler International Prize in Biophysics, National Academy of Sciences Award in Molecular Biology, etc.

Zhuang is a member of the National Academy of Sciences, a member of the American Academy of Arts and Sciences, a fellow of American Association of the Advancement of Science, a fellow of the American Physical Society and an honorary fellow of the Royal Microscopical Society.

Title: Illuminating Biology at the Nanoscale with Single-molecule and Super-resolution Microscopy



Dr. Kai Li: Professor at the department of Computer Science in Princeton University. He is noted for his pioneering contributions to Distributed Shared Memory (DSM) and co-founding the leading storage deduplication company Data Domain Inc. which was acquired by EMC Corporation in 2009 at US \$2.1 billion. He was elected as an Association for Computing Machinery (ACM) fellow and Institute of Electrical and Electronics Engineers (IEEE) fellow in 1998 and 2011, respectively. In 2012 he was elected to the National Academy of Engineering. He received Overseas Outstanding Contribution Award, China Computer Federation in 2008.

Title: Disruptive Research and Innovation



Dr. Victor Yuan: Chairman of Horizon Research Consultancy Group, Founder of Pegasus (Angel Investment and Service), President of Horizon Center of Youth Entrepreneurship for Society (YES), Independent media professional, Member of China Angel Investor Club, Dean of Shanghai Great Business School, Ph.D. in Sociology from Peking University.

MPA from John F. Kennedy School of Government, Harvard University, Master of Law from Southwest University of Political science and Law, Yale World Fellow 2007, Aspen Fellow of China Leadership 2013-2015, Vice President of China Marketing Research Association.

Part-time professor in Tsinghua University, Zhejiang University, Southwest Jiaotong University, Communication University of China, Central Academy of Arts, etc. Part-time mentor of EMBA/MBA/MPA. More than 40 books published in respects of Management, Economics, Sociology, Politic science and Culture.

Title: The new opportunity of entrepreneurship in China: quality and feasibility

Session Speakers

A. Biopharmaceutical and Medicine

Chair: Dr. Xiaoming Sheng, Dr. Xinghua Pan

Xiaoming Sheng, PhD, received his Bachelor's and Master's degrees in Engineering from University of Science and Technology of China, and Ph.D. in Statistics from University of Alberta, Canada. He was an Assistant Professor an Associate Professor and now a full Professor in the Departments of Family and Preventive Medicine and Pediatrics, and Biostatistician at University of Utah. He is co-director of the Study Design and Biostatistics Center at the University of Utah Health Science Center, chair of the University Statistics Committee and director of the Master's pf Statistics program.



Dr. Sheng's research interests include statistical methodologies and their applications in biology, medicine, sociology and economics, study design and data analysis, clinical trials, clinical and translational science, big data, public health and public health administration, etc. He has published more than 70 manuscripts on peer-reviewed journals. Dr. Sheng was chair of American Statistical Association's Advisory Committee on Continuing Education, and chair of Institute of Mathematical Statistics' New Researchers' Committee, reviewer of many medical and statistical journals. He has directed 3 PhD students and more than a dozen MStat students so far.

He was former President of CAST-UT (2008-2009) and CAST-USA (2012); member of the Editorial Board of "Overseas Scholar" since 2010, and co-Executive Editor for its two special issues in 2012 and 2013. He is a lifetime member of CAST-USA.

Xinghua Pan, PhD, MD, Research Scientist, and team leader of Single-Cell Omics at Yale University School of Medicine. Focusing on novel technology development for genome-wide functional studies for single cells, Dr. Pan has established up a series of new approaches for single cell analysis on genomics, transcriptomics, epigenomics and telomere length analysis. He has also been applying these technologies in combination with other platforms especially next generation sequencing in translational medicine and variants of biological systems related to stem cells, immune cells, neurons, genetic diseases and cancers. He has authored ~60 papers in PNAS, Cell, Nature, Developmental Cell, etc. and ~20 reviews/book chapters, with 6 biotech patents issued and 7 patents in pending. He contributed as the key personnel or Principle Investigator to a number of key projects/subjects supported by NIH (National Institute of Health) on human genome project, stem cell, and cancer, as well as these supported by the China Science Foundation. He was interviewed by PNAS (Proceeding of the National Academy of Sciences in USA) – Journal Club (2013) and GEN (Genetic Engineering and Biotechnology News)-Exclusive News (2015) for his achievements on single cell technology.



From 2000 to 2004, he worked as a Research Scientist and Enzymology Leader at Molecular Staging Inc., developed the first whole genome amplification technology, REPLig, which are further expanded and delivered by Qiagen world-wide as the most popular product now. Prior to this position he studied as a Postdoctoral Fellow at Yale University in USA and Chinese Academy of Medical Sciences & Beijing Union Medical College (CAMS & PUMC) in Beijing, after he obtained his PhD from Fudan University in Shanghai and MD from the Southern Medical University in Guangzhou. He also got a short training at Melbourne University in Australia and Beijing University, and served as Associate Professor in the Second Military Medical University in Shanghai. Dr. Pan is an international Reviewer for prestigious academic grants such as Medical Research Council (MRC, UK) and Belgium Foundation Against Cancer, the Editor-in-Chief for Journal of Single Cell Biology, and an invited Editor or reviewer for ~20 journals such as Nucleic Acids Research and Genome Medicine, and a Committee Member, invited Speaker, or Section Chair in a number of science conferences particularly in NGS and single cell sequencing. He is a life member, and Vice President of CAST-USA, servicing for the academic exchange, development and publication (xinghua.pan@gmail.com).

Speech by Title Sponsor

Yitongtianxia --The Infrastructure of Chinese Pharmaceutical Business



Abstract: As one of the leading e-commerce companies on Chinese Pharmaceutical market, Yitong would like to share our opinions on emerging opportunities from this market, how to take advantage of business flow, logistics, and big data to achieve our goal, and in the future how to extend our business from B2B domain to financial and logistic services.

Lecturer: Mike Zou, co-founder and CEO of Yitong, have 20-year experience and is an expert on strategic planning, business intelligence, big data, operation and products. Mike is a researcher of Peking University oriental strategy and leadership research center, International committee member of I-COM, expert committee of Internet Society of China, and instructor of Peking University Business Incubators. 1996-1999 Instructor, Inner Mongol University of Technology. 2002-2004 Strategic Planning, Individual Telecommunication, Motorola. 2004-2014 Director and Co-founder of Business Intelligence, Alibaba. VP of Business Operation and Internet Media Products, Tencent. 2015- Doctor of Business Administration, Fordham University.



Dr. Guoping Fan (范国平), PhD, Professor of Human Genetics in UCLA. Dr. Fan has been a professor in the Department of Human Genetics at the University California Los Angeles (UCLA) since 2001. He earned his bachelor's degree in Biochemistry from Nanjing University in China and his doctorate degree in Neuroscience from Case Western Reserve University. Before joining UCLA to set up his own research lab, Dr. Fan pursued his postdoctoral training in mouse genetics and stem cell biology at the Whitehead Institute for Biomedical Research, Massachusetts Institute of Technology. Dr. Fan's laboratory focuses on addressing the molecular and cellular mechanisms underlying mammalian embryonic development and neurological diseases.

Dr. Fan has published over 80 papers in the journals including *Nature*, *Science*, *Cell Stem Cell*, *Nature Neuroscience* and *PNAS*. Among the many professional activities, Dr. Fan has served as grant reviewer for National Institute of Health, Maryland Stem Cell Research Program, Connecticut State Stem Cell Program, etc. A part of his research achievements in the recent years has been in the process of communalization.

Title: Stem Cell-based Therapy of Eye Disorders



Dr. Xingde Li received his B.S. in Physics from the University of Science and Technology of China (USTC) in 1990 and his Ph.D. in Physics from the University of Pennsylvania in 1998, followed by 3 years postdoctoral research at MIT. He is currently a full professor at the Department of Biomedical Engineering, Johns Hopkins University. His research interest focuses on development of transformative biomedical photonics technologies and their translational applications. He has published more than 90 peer-reviewed journal papers and more than 10 patents, with a total citation >10,700 and an H-index~44 (according to Google Scholar), and has delivered more than 130 invited and plenary/keynote talks at international conferences and other research institutions. He has received several awards including The Teacher of the Year

Award (BioE at UW), the National Science Foundation Faculty Early Career Award, the International Association of Dental Research Innovation in Oral Care Award, and the Hartwell Foundation Individual Biomedical Research Award. He served as the chair for the Emerging technologies Committee of the IEEE-EMBS society (2006 – 2010). He has also chaired many international conferences such as the recent OSA Biomedical Optics Topical Meetings

2010-2014 etc. He currently serves on the editorial board of the *Journal of Biomedical Optics* (SPIE), *Biomedical Optics Express* (OSA), the *IEEE Transactions on Biomedical Engineering*, and *Light: Science and Applications* (Nature Publishing Group and CIOMP), etc. He is a charter member of several grant review panels (USA, Singapore, EU and other countries/regions) including an NIH Study Section on Biomedical Imaging Technology. He is a Fellow of OSA, SPIE, and AIMBE.

Title: Label-free Optical Technologies for Histological Imaging *in vivo*

Dr. Xu-Rong Jiang is currently a Director of Quality and Technical for AstraZeneca BioVentures, Global Biologics Operation. The AstraZeneca BioVentures Business is a newly established unit within AZ to develop Biosimilars and BioBetter jointly with leading biotech companies in China and other Asian countries for the global markets. Prior to his current responsibility, Dr. Jiang had served as an Associate Director in Analytical Biotechnology at MedImmune since 2008. He headed the Biological Development Group in support of biologics analytical method development for IND filing, GMP testing, technology transfer and process development. Prior to MedImmune, Dr. Jiang had been a Principal Scientist in Process & Analytical Sciences at Amgen for nearly 6 years where his group was responsible for development, qualification, validation of potency assays for biologics development. Prior to Amgen, Dr. Jiang was a Senior Scientist at Geron Corporation focusing on gene and cell therapy, high throughput screening, and regenerative medicine with embryonic stem cells.



Dr. Jiang received his Ph.D. degree in Molecular Cell Biology from University of London. He also had an M.D. in Hematology from China Medical University. Dr. Jiang has served at various scientific and professional organizations and committees. He is an Associate Director for CASSS, an International Separation Science Society. He has been a member of Scientific Organizing Committee for CASSS Bioassays since 2011. Dr. Jiang has also served as an organizing committee member for the Cell-based Assay Action Program Committee, American Association for Pharmaceutical Scientists. He has published more than 26 journal papers and is an assignee of three U.S. patents. Dr. Jiang has been the President-elect and a member of Board of Director of the Chinese Biopharmaceutical Association-USA in 2015-2016.

Title: Advances in the assessment and control of the effector functions of therapeutic antibodies

Dr. Weiguo Dai is a scientific director at Johnson & Johnson. His scientific and industrial impact has been reflected by his election into the inaugural Janssen Fellow class (total of 62), the highly prestigious scientific honor awarded to internationally recognized top scientists within Johnson & Johnson pharmaceutical R&D for their significant scientific contributions and organizational impacts. He has also been elected as a fellow of the American Association of Pharmaceutical Scientists (AAPS) for scientific excellence and contributions. Additionally, Dr. Dai is the recipient of several prestigious awards, including the Johnson & Johnson corporate 2011 Philip B. Hofmann Research Scientist Award in recognition of his outstanding achievement in the field of research and development.



Title: Opportunities for Drug Development, Innovation and Investment: The Viewpoint of the Scientific Director of Johnson & Johnson pharmaceutical R&D

Session Speakers

B. Information Technology: China Telecom (Title Sponsor)

Chair: Dr. Jizhong Xiao



Dr. Jizhong Xiao is Professor and EE PhD program advisor at the Department of Electrical Engineering of the City College, City University of New York (CCNY/CUNY City College), as well as a doctoral faculty member of the Ph.D. program in Computer Science at the Graduate Center of the City University of New York (CUNY Graduate Center). He received his Ph.D. degree from the Michigan State University in 2002, Master of Engineering degree from Nanyang Technological University, Singapore in 1999, M.S., and B.S. degrees from the East China Institute of Technology, Nanjing, China, in 1993 and 1990, respectively. He started the Robotics Research Program at the City College in 2002 and is the Founding Director of CCNY Robotics Laboratory (website: <http://robotics.ccny.cuny.edu>) and the Center for Perceptual Robotics, Intelligent Sensors and Machines (PRISM Center).

With his leadership, the robotics research has become one of the most active and well-funded research directions in the EE department of CCNY. His current research interests include robotics and control, cyber-physical systems, autonomous navigation and 3D simultaneous localization and mapping (SLAM), real-time and embedded computing, assistive technology, multi-agent systems and swarm robotics. In recent years, he has received over 3.7M research grants from National Science Foundation, Army Research Office, Department of Transportation and industry and has published more than 140 research articles in peer reviewed journal and conferences and win many best paper/best video awards. Dr. Xiao received the U.S. National Science Foundation CAREER Award in 2007, the CCNY Outstanding Mentoring Award in 2011, and Humboldt Research Fellowship for Experienced Researchers from the Alexander von Humboldt Foundation, Germany in 2013~2015. Dr. Xiao has served the robotics community in various roles of many conferences, such as exhibition chair, finance chair, program committees, and served as guest editor and reviewers for major robotics journals and conferences, and proposal evaluation panelist for NSF and ARO. He is a senior member of IEEE.

Title: 3D motion capture based intelligent digital content production



Dr. Tong Fang, Founder and CEO of Dreamuniversal 3D Technologies Inc, to develop advanced technologies for motion-capture based 3D digital content smart generation. Before that, he was head of Visual & Solid Modeling research group and Senior Key Expert Scientist at Siemens Corporate Research, to conduct research and development in the fields of computer vision, industrial and medical image processing, pattern recognition, 3D geometric modeling and visualization. Under his leadership, his group has made significant contribution on Siemens medical imaging devices including Ultrasound, MRI, CT and X-ray by developing advanced technologies to improve image quality for better clinical diagnosis. In addition, he built the 3D Geometric Modeling technology field at Siemens and developed the world's first automated

3D modeling system for Siemens hearing aid digital manufacturing.

He has successfully introduced 3D geometric modeling technologies to personalized implant design and surgical pre-operative planning applications. He has published 50+ papers and has 100+ international patents awarded including 64 US patents. During his Ph.D. study at Rutgers from 1995-1999, he was one of main contributors for developing

the world first multi-material 3D Printer. He also got three Master degrees in Electrical and Computer Engineering, Industrial Engineering, and Management. He is life member of Chinese Association for Science and Technology, USA and was President of CAST-USA in 2011.

Title: cross-board opportunities in the migration of narrowband communication to LTE

Andy Zhao is the President of Hytera America Inc and Vice President of Hytera Communications Co.,Ltd. Hytera is a public traded company in China and a global market leader in two-way communication industry. Mr.Zhao joined Hytera in Shenzhen as a Regional Sales Manager, Asia Pacific in 2002. He developed the area from zero to have presence in over 20 countries and was promoted to Sales Director in 2005. In 2008, Hytera purchased a US company based in Miami. He became the president of the company. Under his leadership, the company made tremendous growth and expansion and built a strong presence in the most competitive market. He is the board member of Enterprise Wireless Alliance of US. He is pursuing an EMBA (2015-2016) degree from Kellogg of School of Management, North Western University.



Prof. Min Wu is a Professor of Electrical and Computer Engineering and a Distinguished Scholar-Teacher at the University of Maryland, College Park. She received her Ph.D. degree in electrical engineering from Princeton University in 2001. At UMD, she leads the Media and Security Team (MAST), with main research interests on information security and forensics and multimedia signal processing. Her research and education have been recognized by a NSF CAREER award, a TR100 Young Innovator Award from the MIT Technology Review Magazine, an ONR Young Investigator Award, a Computer World “40 Under 40” IT Innovator Award, University of Maryland Invention of the Year Awards (twice), an IEEE Mac Van Valkenburg Early Career Early Career Teaching Award, and several paper awards from IEEE SPS, ACM, and EURASIP. She was elected IEEE Fellow for contributions to multimedia security and forensics.



Dr. Wu chaired the IEEE Technical Committee on Information Forensics and Security, and has served as Vice President - Finance of the IEEE Signal Processing Society and Founding Chief Editor of the IEEE SigPort initiative. Currently, she is serving as Editor-in-Chief of the IEEE Signal Processing Magazine and an IEEE Distinguished Lecturer. [URL: <http://www.ece.umd.edu/~minwu/>]

Title: Seeing the Invisibles: A Backstage Tour of Information Forensics

Session Speakers

C. Energy & Environmental Protection: CIC International (Title Sponsor)

Chair: Dr. Guang Guo



Dr. Guang Guo is president of Apollo Weather Management, Project manager of Weather Management International in the University of Utah, Chairman and CEO of Nanjing Huamei Meteorological Sci-Tech Co., Ltd, Chairman of Zhejiang Fuge Environmental Protection Technology Co., Ltd., Professor and Ph.D. advisor in Yangzhou University, President of Nanjing “321 plan” talent association, a member of American Meteorological Society, a member of American Geophysical Union, VP of Chinese Association for Science and Technology, USA, Executive Editor of <Overseas Scholars>, and an Overseas Intelligence Expert of Chinese Association for Science and Technology. Guang Guo received his Ph.D. from the University of Utah in 2000, then he spent two years as a post-doc with Purdue University. He was a senior scientist with National Oceanic and Atmospheric Administration (NOAA) for years.

Dr. Guo has over twenty-year experience for atmospheric and environmental research. His expertise includes satellite remote of atmosphere and environment, cloud and aerosol induced climate change, and weather and haze modification. Under his leadership, his group has developed a new technology to clear fog in airport and highway and demist haze around cities. Currently, this new approach is under industrialization in China. In addition, he also took on several major research projects for NOAA, NASA and National Science Foundation. He has two U.S. patents and two Chinese patents, and published over 30 peer reviewed scientific papers.



Dr. Haoyan Wei, a scientist of Eastman Kodak Company, leads the development of roll-to-roll based microdevices including wearable components, flexible electronics and IoTs. He acquired his Ph.D. in Materials Science and Engineering at the University of Connecticut in 2006 with the highest academic score. As a project leader and a lab manager, he had extensive experience in the past at renowned academic institutions and federal research agencies including National Institute of Standards and Technology (NIST) of Dept. of Commerce (DoC). Dr. Wei has delivered over 50 peer-reviewed articles, invited talks and conference presentations. In 2012, he gave an invited talk on *Overview of Materials Research and Industry* for Chinese Ministry of Industry and Information Technology (CMIIT). Dr. Wei’s endeavor primarily focuses on advanced manufacturing (micro/nanofabrication, 3D printing, laser materials engineering) for microelectronics, energy, environment protection, and healthcare applications. His research work is widely cited and reported in leading professional media such as R&D Magazine.

Dr. Wei serves as a reviewer and adjudicator for 3 scientific funding agencies, such as National Science Foundation (NSF), and more than 10 international scientific journals. He was elected into Marquis *Who’s Who in Science and Engineering* and inducted into Sigma Xi and Alpha Sigma Mu honor societies. Dr. Wei was also invited to consult for several energy companies including GCL-Poly (the largest poly-Si manufacturer) and British BBP-Tech. At present, he is in two association leaderships, serving on Board of Directors and as the vice president of Chinese Association for Science & Technology, USA, DC Chapter (CAST-DC), and being one of the founding board members of Chinese American United Chamber of Commerce (CAUCC).

Title: Energy and Sensory Materials for Environmental Sustainability

Dr. Ming Yang In December 2008, Dr. Ming Yang joined the Global Environment Facility (GEF) of the World Bank Group in Washington, D.C. as Sr. Environmental Economist. Now, he is working as Sr. Climate Change Specialist in the same organization. Prior to joining the GEF/World Bank Group, Ming worked for four years as Energy and Environment Economist and Energy Technology Economist for the International Energy Agency of the OECD in Paris. He also worked for two years at the Asian Development Bank in Manila, the Philippines as Energy Adviser and Climate Change Specialist. From 1987 to 1992, Ming served the Ministry of Water Resources and Electric Power of China and the Ministry of Energy of China as electric power planning engineer. Ming is good at quantitative analysis in issues that are related to economics, engineering, finance, technology, climate change, energy, forestry, land degradation, chemicals, and waste management. Over the past two decades, he has written approximately 100 articles for publication in journals and conference proceedings in those areas. As author and co-author, he has significantly contributed to seven books on energy and climate change that were published by the Asian Development Bank, the International Energy Agency, the GEF/World Bank and Springer. Ming holds Ph.D. in energy economics and planning from the Asian Institute of Technology and l’Institut d’Economie et de Politique de l’Energie (IEPE), Université des Sciences Sociales, Grenoble, France.



Title: Energy Efficiency – First Fuel to Power China’s Economy and Mitigate Pollution by 2030

Ping He, Ph.D. is the Founder and President of the International Fund for China’s Environment (IFCE). He has coordinated IFCE activities on public relations, fundraising and project development since 1996. He has developed cooperative relationship with international environmental and conservation organizations and programs, US and Chinese governmental agencies, NGOs and the private sector. He has also managed numerous projects in China involving environmental NGO development, technological exchanges, policy advice and public education. Dr. He received his Ph.D. in Civil and Environmental Engineering in 1995, and an M.S. in Environmental Monitoring in 1988 from the University of Wisconsin-Madison. He received his B.S. in China’s Wuhan University in 1982. Presently, he also serves as Board Director of the Worldwatch Institute, and as a special representative to the Chinese People’s Political Consultative Conference. He has given lectures/speeches in US Congress, Yale Universities, Columbia University and numerous national and international conferences. 202-822-2141 pinghe@cox.net.



Title: The pathway towards better environment in China

Yuyang Gong, Ph.D., a graduate from Peking University with both BS and MS degrees, had worked as a remediation professional over 10 years in USA before returned to China in 2001. Over the last 20 years, he has participated and led over 100 remediation projects, covering a variety of subjects such as policy and regulatory framework, government supervision and enforcement, 3rd party monitoring, site investigation, risk assessment, feasibility study, remediation construction, and post closure and monitoring. A well-known international expert, he has worked in USA, Japan, Israel, Taiwan, Philippines, Korea and Sri Lanka etc. In China he pioneered the remediation by introducing international best practices and technologies, participated in major policy and regulatory preparatory work, and led majority high profile pilot studies at the early stage remediation in China. In addition, he is a frequent invited speaker in major conferences, a lecturer in many training workshops, a license holder of over a dozen remediation patents, and an author of several remediation books. He currently serves as the managing director for ESD China Limited, and in different capacity such as committee member, advisor and or director for several professional associations in China and abroad. For further info, please contact him through gong@esdchian.com.cn



Title: China Remediation Market – Current Status and Future Prediction

Session Speakers

D. International Talent Cooperation: V-life (Title Sponsor)

Chair: Dr. Yugui Guo



Dr. Yugui Guo is “985 Program” Distinguished Professor of International and Comparative Education at the China Institute of Education Policy at the Beijing Normal University and immediate past Director of the Center for Global Studies in Education at Shanghai University of Finance and Economics, China. He is currently also serving as Guest Professor of Tongji University, Professor and Director of the Center for International Studies in Education at the US Asian Cultural Academy, Research Consultant to the US National Science Foundation, and Academic Advisor of the Bridging Nations.

His main research interests are global human capital and education policy, international talent mobility and circulation, creative capital and regional development. Being a trilingual --- Chinese, English and Russian, he has conducted quite a number of research projects covering a variety of topics related to the education, S&T policy and human development in the Asian and Pacific region, North America, and Europe. He is a frequent speaker invited at conferences or forums including the US DOS/DOC/NSB/NSF, the APEC, the VOA, the BEST, and a number of other academic institutions both in USA and China. A number of his policy reports were submitted to the top leaders of China and attracted great attention from them.



Michael Rosenbaum is the founder and CEO of Pegged Software. Pegged Software, which applies big data to hiring and team assembly, grew out of Michael’s work in academia and in the public sector. Michael spun Pegged out as a separate company in 2010 to focus on licensing Pegged’s technology into the healthcare market. Today, Pegged is deployed into 135 facilities and is processing over 3 million job applications per year.

Prior to starting Pegged Software, Michael received an Irving R. Kaufman Fellowship to support his work building the first version of what is now Pegged’s analytics engine for talent selection. Before Pegged, he was a John M. Olin Fellow in Law and Economics at Harvard, and served at the White House as an economist, at the U.S. Department of State on trade issues and issues related to the former Soviet Union, and at Coopers & Lybrand in the Russian Federation on privatization and commercialization in the early 1990’s. In addition to his academic work, his publications and work focused on the application of data to the most subjective areas of human endeavors. His work was featured in the Stanford Law and Policy Review and the Harvard John M. Olin Fellow Center for Law, Economics and Business Series. In the community, he serves as a trustee of the Baltimore Museum of Art, where he currently chairs the search committee for the BMA’s next Director, and of Bryn Mawr School. He is a past board member of the Family Tree and the Leadership Council of the Open Society Institute, a former chair of Maryland IT PAC, and a former president of the Harvard Club of Maryland. Michael has a JD from Harvard Law School, an MSc in Economics from the London School of Economics and Political Science, and a BA from Harvard College.

Topic: Applying Predictive Analytics and Data Science to Hiring and Team Assembly: An Opportunity to Transform Workforce Productivity and Bridge Assumptions and Biases Across Borders

Wang Haiyang is serving as Chief Representative in CAIEP New York, State Administration of Foreign Experts Affairs, China. His prior positions with CAIEP included Chief Representative in CAIEP UK and Canada. Before joining CAIEP, he worked in various organizations including university, patent transfer office, central government agent, training organization, foundation and etc. His expertise lies in talent exchanges and has publications “Brain Drain and International Talent Exchanges” and “Foreign Experts having Technology as Share Invested in”. He has experience in engineering studies at Chinese university and public policy and administration studies at American university.



Topic: International personnel exchange programs in China

Dr. Prakash Ambegaonkar is a long-time entrepreneur and technologist who founded several technology companies in the U.S. In 2013, he founded CareersUnbound, a technology startup that provides an online hiring platform for employers and job seekers. He also founded the Bridging Nations Foundation, a think-tank in Washington, D.C. that focuses on the issues of leadership, technology and education, working to make education a universal birthright.



Topic: Online Talent Platforms for Promoting International Talent Development

Steven Lee is Managing Director at Global Client Consulting (GCC) leading business advisory as well as risk advisory services for clients in the U.S. and Asia. He also currently serves as the Global Chair of the Financial Risk Institute (FinRisk). He is also Editor for the FinRisk YP Journal. Steven previously led the Professional Risk Managers' International Association (PRMIA) Washington DC area as its Regional Director and the Editor-in-charge for PRMIA DC's RiskJournal Magazine. Steven is also Vice President and Board Member with the U.S. Asian Cultural Academy (UACA). Steven had also served on the EXCO and Board of the Library of Congress ADFS (Asian Division Friends Society).



Steven has more than 30 years of international client service and corporate experience with some of the largest financial institutions and corporates in the United States and across the Asia-Pacific region. His focus is on developing and implementing creative and effective solutions to complex business and risk related concerns for his clients. Prior to GCC, Steven was Firm Director at Deloitte leading business developing and service delivery at major financial institutions and large corporates in the Greater Washington area. Before that, he was Director with Deloitte's Enterprise Risk Services serving large corporate clients and major financial institutions in Singapore. Steven also served as Director of technology security and risk services at Ernst & Young in Singapore. He also held senior executive positions with large financial institutions including the DBS Bank and JP Morgan. Steven graduated from the National University of Singapore with majors in Economics, Computer Science and Mathematics.

Topic: Talent Development and International Cooperation

Session Speakers

E. Innovation & Entrepreneurship Forum

Chair: James Bo



James Bo is the Founder and President of BusinessObject Solutions, Inc. (BOS) which is an IT service company recently found AcInnoPark which is a startup incubator and AcInnoPark Real Estate which is a real estate investment company. Mr. Bo has more than 20 years of professional experience, 12 years of real estate investment experience and 17 years of business management and leadership experience. His business consulting areas include strategic planning; marketing research, business plan development, vendor relationship, contracting, business negotiation, and management training. He has been invited to Shandong, Shanxi, Nanjing, Xinjiang for marketing and management training and business consulting past six years. He is a founder member of Asian American CEO Organization (AACO) and currently serving as a Board of Director of AACO.

His community activities include serving President of Chinese Association for Science and Technology DC (CAST-DC), and he is an international Advisory Board of Provost of George Mason University (GMU). Mr. Bo obtained his bachelor's degree and an M.S. in Engineering Mechanics from Tsinghua University in Beijing and has an M.S. in Environmental Engineering from the University of Cincinnati.



Jim Cheng has over 25 years experience as a technology entrepreneur, angel/private capital investor, business leader and a senior state government executive. He currently advises several Angel/Private Equity Investment organizations, is Of Counsel to the Lee and Hayes Law Firm and teaches Entrepreneurial Finance at the UVA Engineering School. From 1/2010 to 1/2014, Jim was the Secretary of Commerce and Trade for the Commonwealth of Virginia. As a senior member of the Governor's cabinet, his portfolio included 13 agencies ranging from economic development, housing, employment, export, licensing, tourism, small business, mining and energy.

As Secretary, as large part of his duties included interacting with all levels of foreign corporations and governments on trade and related issues. Before his role in state government, Jim was an active angel and private equity investor specializing in technology companies. In addition to mentoring many startups and small businesses, he was the President of Totus Lighting Solutions, an efficient-energy startup. From 1994-2005 he was founder and CEO of CHM, a government IT services firm which he grew from a staff of 5 people to 550 and \$90M in revenue at the time of sale in 2005. In 1999 his company was named Virginia Business Magazine's fastest growing private company in Virginia and the 12th fastest growing private US company by Inc Magazine's "Inc 500". Jim holds a BS Degree in Computer Science from Old Dominion University, a MBA from the Colgate Darden Graduate School of Business (UVA) and a JD from Georgetown University Law Center.

Topic: Angel Investment and tech startups

The president of BICI USA, **Dr. Joseph Zhou**, received his B.S. and Ph.D. in Physics from Peking University and Cornell University, respectively. After postdoc work at Sandia National Laboratories, Dr. Zhou has worked in product development and system design at a leading semiconductor equipment supplier providing the most complicated machine in the world, technology scouting and investment as Venture Manager at Technology To Business (TTB) center of Siemens, and technology transfer as BD director at Xerox PARC. Dr. Zhou has over 10 peer-reviewed publications and patents and has won Sandia's LDRD award and Lockheed Martin's 'Excellence in Research' award. Dr. Zhou helped Beijing Institute of Collaborative Innovation (BICI) establish a US office in Santa Clara California since 2014. The BICI USA office has three full time employees serving as the bridge between early-stage technology in US and commercialization in China. Dr. Zhou loves to meet with technical innovators and connect them with funding, customers & partners and new applications.



Topic: The power of innovating collaboratively!

Ken Feng, Founder and President of Yitong, Born in a family working in pharmaceutical industry generation after generation and has more than 20 years' experience in this industry. To optimize pharmaceutical industry and benefit people, Kenneth launched Yitong in July 2014. Kenneth is president of Beijing Wanzhitang Chain Pharmacies, board director of Peking University Qiniu (International Enterprise Coach) Center, standing committee of Chinese People's Political Consultative Conference in Anbo city which is located in Hebei province and called "medicine capital" of China.



Topic: Remember Your Original Intention

Henry (2014 Top 100 Technology Investors in China has near 30 years rich experience with technology innovation, management, start-up, and investment. He is an expert in computer, telecom, and chip design and a well known investor for providing abundant resources in the Internet and mobile industry. He is founding partner of Redstone Venture Capital (2014 Top 60 Best Technology VC Firms in China), EVP of Entrepreneur Association of Western Returned Scholar Association, Adjunct professor of EMBA program at Beijing University of Posts and Telecom, entrepreneurship mentor and judge at Microsoft, China Telecom, Columbia University, silicon valley, et.al. He was a partner and decision committee member of a well known PE fund, CEO of one of the earliest cell-phone companies in China co-founder of a cloud service company sold to a US public company, contributor to world telecom standards when he was at Bell labs . He graduated from Columbia University with Ph.D.



Topic: The Key Points of Entrepreneurship

Startup Competition

"Startup competition" is the first time in the history of Chinese Association for Science and Technology US-China startup competition and take advantage of CAST having more than twenty branch and liaison offices between China and the US, gathered a large number of high-end talents. With the Sino-US venture capital matching, it provides a high-quality learning, exchange and development across all platforms, technological innovation and entrepreneurship and creates a favorable environment to promote the Sino-US technology, personnel, capital and market combination.

The competition will be the highlight of the CAST annual conference. We will build a strong entrepreneurial star project, by inviting professional training, well-known venture capitalist project site reviews roadshow, investors and entrepreneurs to arrange one to one interviews and other means, and network media pluralism publicity for innovative companies to create a favorable business environment , secure adequate financial support, paving the road of development.

Highlights

- The competition will come from more than a dozen regions from US and several cities from China;
- The competition will be three rounds of screening, the first round of selection criteria to ensure that projects meet the basic requirements; second round is online review though online rating system; the third round is live presentation for finalists;
- Online review and on-site assessment will be performed by both experienced professionals and investors as a judge, outstanding projects will be eligible for entrepreneurship mentoring opportunities;
- Winning projects will directly work with investors.

Important Dates

July 15 began collecting projects;

September 30 ended call for proposals;

October 10 finalists live presentation for one first, two second and three third prizes and “alternative energy and environment” special award.

Entry requirements

- Project Features: worldwide have SME projects forward-looking and innovative, market-leading technology or production service class entrepreneurial team, scientific research teams.
- Focus on: the mobile Internet, robotics, medical wisdom, new energy, new materials, environmental protection, Cloud computing, big data, financial Internet, O2O, start-ups and other things in the field (for example: Intelligent hardware, Wearable, intelligent home, etc.).
- The early stage of startup.

Detailed business plan criteria and the guide can be downloaded.

Contest Rewards

All finalists first, second and third class projects will receive certain cash awards as \$3000, \$1500, and \$1000 respectively; it includes “CIC” special award of \$2000 for “alternative energy and environment”, please mark it on the application form in order to be considered the special award.

The principal of all outstanding projects gets free VIP tickets.

Judges

Dr. Victor Yuan (Chief Judge), Chairman of Horizon Research Consultancy Group, Founder and CEO of Pegasus, famous Angel Investor.

Mr. Jim Cheng (Chief Judge), Advisor of several Angel/Private Equity Investment organizations, Counsel to the Lee and Hayes Law Firm and Teacher of Entrepreneurial Finance at the UVA Engineering School.

Dr. Henry Shi, Founding partner of Redstone Venture Capital (2014 Top 60 Best Technology VC Firms in China), EVP of Entrepreneur Association of Western Returned Scholar Association, past CAST president.

Mr. Mason Chenn, Managing director of Lumen Point Group, an investment manager and business operator.

Dr. John Jiang, Global Research and Development Department, senior research architect in fortune 500 companies, across many areas of industry, to act as judges in several entrepreneurial contests.

Dr. Richard Tao, biopharmaceutical company co-founder and president of the Washington International Chamber of Commerce, involved in entrepreneurship competition review.

Peihe Zhang, Chairman of Hengyuan Investment, deputy secretary general of Tsinghua Investment Association, Tsinghua University student entrepreneurs X-lab business mentor.

Dr. Shawn Zhang, founded Merckina-Virolabs company in 2014, focused on ready-to-adjuvant vaccine development projects; Senior business partner of D-NutriMeC.

Dr. Joseph Zhou, The president of Beijing Institute of Collaborative Innovation USA, with over 10 years of progressive experience as engineer, venture technology manager and business development manager with Fortune 500 companies.

Mike Zou, co-founder and CEO of Yitong, have 20-year experience and is an expert on strategic planning, business intelligence, big data, operation and products.

Kevin Zhang, the Managing Director of Partner HealthTech Sp. Z.o.o, Poland, focusing on Pharmaceutical EU Market Regulatory and Commercialization Consultancy, and the CEO of SkyHealth Enterprises, a medical product distribution network in China, Eastern Europe and North America.

Point of contact: Mr. Jason Wang, Email: zhengxian.wang@gmail.com;
 Dr. Shane Wu, Email: mrshanewu@gmail.com;
 Mr. Bill Chen, Email: bill_j_chen@yahoo.com.

Email: cast2015@castdc.org

Website: www.cast-usa.org

Conference Participants

- Internationally renowned scholars
- Internationally renowned science and technology industry sector
- China and the US investment community
- International entrepreneurs , creators passengers, Geeks
- College students in the United States
- Government officials
- CAST members from 13 regional chapters, 8 to-be-built regional chapters and 11 liaison offices in China

China Delegations:

- Shandong Association for Science & Technology
- Chongqing Human Resources and Social Security Bureau
- Overseas Chinese Affairs Office of Yunnan
- Sichuan Entrepreneurs Delegation
- Corporate Executives Delegation
- Pegasus (Angel Investment and Service) Delegation
- United Medicine Network Technology Co., Ltd.
- National Network Information Office Delegation
-

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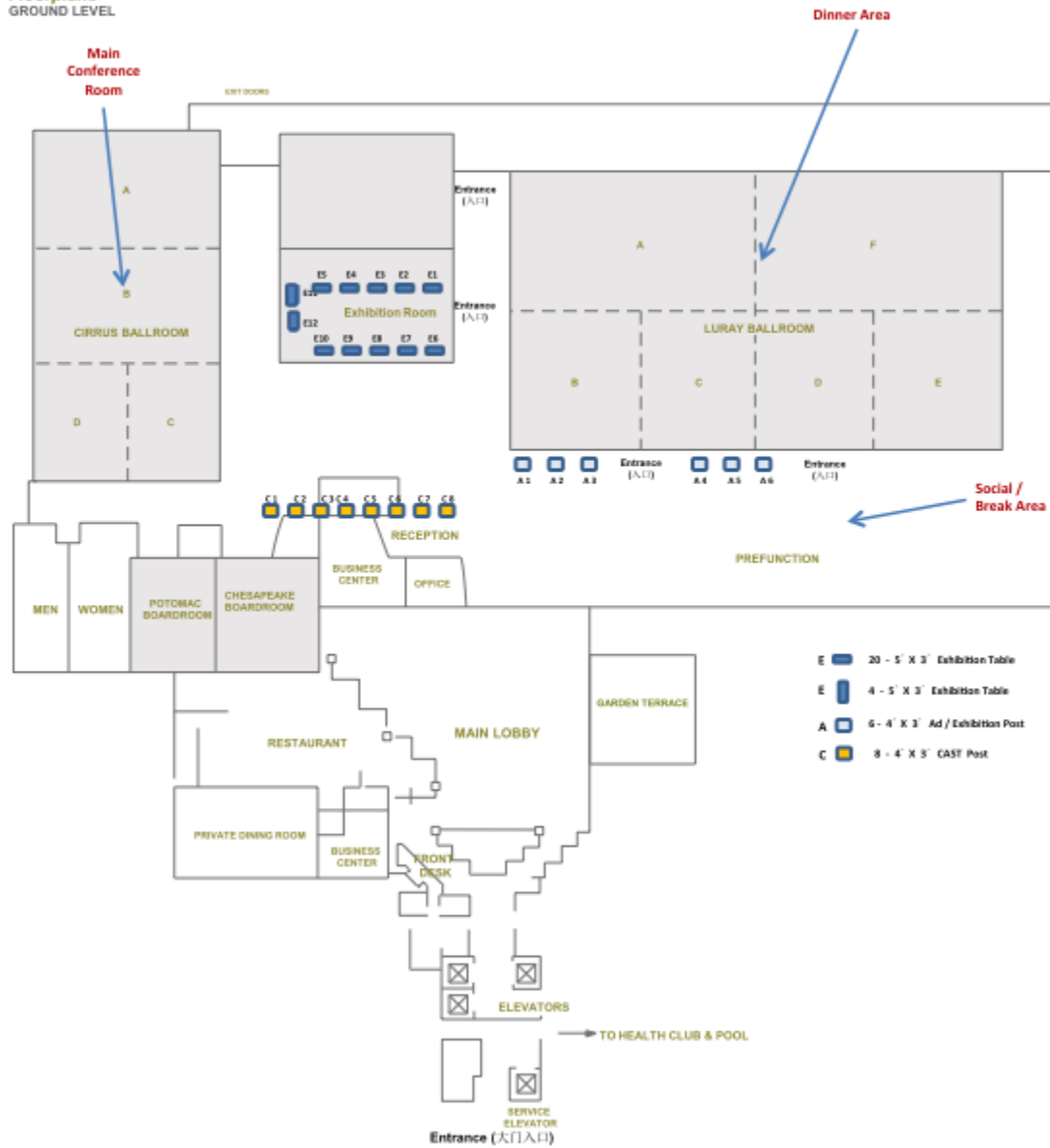
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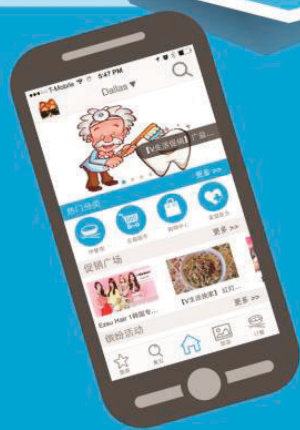
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重庆市2015海外高层次人才创新创业项目及人才交流洽谈会

(华盛顿专场)

主办单位：重庆市委组织部、重庆市人力资源和社会保障局
承办单位：中国旅美科技协会、中国国际人才市场重庆市场

会议时间：2015年10月10日（星期六）16：00
会议地点：Hyatt Dulles at Dulles International Airport
2300 Dulles Corner Blvd Herndon, VA 20171

重庆简介

重庆是中国中西部唯一直辖市，国家重要中心城市，长江上游地区经济中心，国家重要的现代制造业基地，西南地区综合交通枢纽，全国统筹城乡综合配套改革试验区。

重庆是中国西部最具投资潜力的特大城市，具有五大优势：

一、区位优势优越；二、基础设施功能完备；三、工业基础雄厚，门类齐全，综合配套能力强；四、科技教育力量雄厚，人才相对富集；五、市场潜力巨大。

热忱欢迎各类海外人才到重庆建功立业，为重庆经济社会发展贡献力量！

部分招聘单位及网址

重庆大学 网址：www.cqu.edu.cn

重庆医科大学 网址：www.cqmu.edu.cn

重庆交通大学 网址：www.cqjtu.edu.cn

重庆市计量质量检测研究院 网址：www.cqjz.com.cn

更多重庆单位及招聘信息请见：www.cast-usa.net

欢迎海外学子携项目参加“2015重庆国际人才创新创业洽谈会项目对接洽谈会”

活动时间：2015年12月10-11日

活动地点：中国重庆市江北区世纪金源酒店会展厅

项目申报联系人：吕卓、龚石、李梦樵

联系电话：0086-23-86898615、88537633、86795066

电子邮箱：ccqjob@163.com

中国国际人才市场重庆市场简介

中国国际人才市场重庆市场成立于2008年2月1日，是由国家外国专家局和重庆市人民政府共同组建的区域性国际人才市场，与重庆市人才交流服务中心一套机构合署办公。作为我市首个引进国际人才智力的综合性服务机构，市场充分依照国家有关政策法规为各级政府机关、企事业单位、社会团体提供国际人才交流服务。

联系电话：0086-23-88537633、88210183、86898622

邮箱：ccqjob@163.com

网址：www.ccqjob.com



CAST-USA Excellence Award

CAST-USA is committed to promoting academic exchange and career development among its members, to strengthen the solidarity and friendship between members, and to help the American people's understanding of Chinese traditional culture. CAST-USA has established a solid scientific and technological exchanges tie between China and the United States since its foundation in 1992. This year, after the nomination and selection procedure, CAST-USA Executive Board has decided to first issue annual “CAST-USA Award Excellence in Technology Innovation Leadership”, “CAST-USA Award Excellence in Technology Management Leadership” and “CAST-USA Award Excellence in Science Leadership” for three Chinese American professionals, who have made outstanding contributions in their respective fields. Each year will repeat the same process, forming a unique brand of American Chinese scientific community. The purpose of this activity aims to establish growing heroes of our own side, encouraging a new generation of Chinese scientists in the United States, dedicated to the cause of science, innovation, unity and cooperation and strive to make scientific achievements to the benefit of mankind.

Dr. Kai Li - CAST-USA Award Excellence in Technology Innovation Leadership

Member of National Academy of Engineering, Professor of Princeton University

Dr. Qi Lu - CAST-USA Award Excellence in Technology Management Leadership, Advisor to CAST-USA

Executive Vice President, Microsoft's Applications and Services Groups

Dr. Xiaowei Zhuang - CAST-USA Award Excellence in Science Leadership

Member of National Academy of Sciences and Member of American Academy of Arts and Sciences, Professor of Harvard University

CAST-USA Outstanding Award Recipients

The CAST-USA Outstanding Award is to honor individuals who have made significant contributions to CAST-USA in 2015.

1. Outstanding Leadership Award

James Bo, President of CAST-DC

Le Wan, VP of Organizational Construction and Development, CAST-USA

Xinghua Pan, VP of Academic Exchanges, Development and Publications, CAST-USA

2. Outstanding Contributions Award

Walter Hu, VP of Academic Exchanges, Development and Publications, CAST-USA

Bill Jiang, VP of External Exchanges and Development, CAST-USA

Jizhong Xiao, VP of Academic Exchanges, Development and Publications, CAST-USA

Guang Guo, VP of Academic Exchanges, Development and Publications, CAST-USA

Yugui Guo, Distinguished Professor of Beijing Normal University

Cliff Li, VP of CASEC

Yifan Tang, Chief of Chengdu Liaison Office

Hongzhong Min, Chief of Shanghai Liaison Office

Xiying Wang, Chief of Guangzhou Liaison Office

Shuigen Xiao, President of CAST-USA in 2001

Hong Shi, President of CAST-USA in 2002

Tong Fang, President of CAST-USA in 2011

Xiaoming Sheng, President of CAST-USA in 2012

3. Outstanding Services Award

Lukai Cai, VP of Technology Innovation and Academic Achievements Transfer, CAST-USA

Xuguang Guo, VP of External Exchanges and Development, CAST-USA

Xiaomei Yang, Secretary-General of CAST-USA

Xingyu Wang, Deputy Secretary-General of CAST-USA

Qiang Lu, President of CAST-USA in 2009

Fred Yan, Director of Academic Exchanges, Development and Publications, CAST-USA

Hongmei Wen, Shanghai Office Liaisons

Grace Feng, Beijing Office Liaisons

Bo Ding, VP of CAST-SV

Bill Chen, BoD member of CAST-DC

Jason Wang, BoD member of CAST-DC

Shane Wu, BoD member of CAST-DC

Wallace Hu, BoD member of CAST-DC

CAST-USA Leadership for Year 2015

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Executive Board (Chair: Yunming Song)

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Chairman of BOG (董事长)	Howie Yu	于 浩	howieyu888@yahoo.com howieyu888@gmail.com
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VP of Publications	Guang Guo (DC)	郭 光	guang_guo@yahoo.com
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	Jimmy Tang (DC)	汤 斌	jbtang2014@163.com
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Director	Lei Huang (DC)	黄 雷	huang_lei95@yahoo.com
General Counsel	Philip Zhang	张 宣	z828@yahoo.com
Editor, Overseas Scholar	Qiang Lu	陆 强	qianglu99@gmail.com
Technical Adviser	Daniel Zeng	曾大军	zengdaniel@outlook.com
			zeng@email.arizona.edu

CAST-USA Leadership for Year 2015

董事会（主席：于 浩）

Board of Governors (Chair: Howie Yu)

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Yiqiang Cai	蔡逸强	Chairman of CAST-BOD	caiy2012usa@gmail.com
Zhixiong Chen	陈志雄	President-Elect of CAST-USA	zxchen@ieee.org
Xiaoming Sheng	盛晓明	Ex-President of CAST-USA	xiaoming.sheng@gmail.com
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Lulu Sun	孙璐璐	President of CAST-FL	lulusun0@gmail.com
Hunter Zhang	张汉霆	President of CAST-WV	hantingzhang@yahoo.com

Chinese Association for Science and Technology, USA (CAST-USA)

The Chinese Association for Science and Technology, USA (CAST-USA: www.cast-usa.org) is a non-profit and non-political organization. It was founded in August 1992 in New York City. The missions of CAST-USA include: 1) to build relationships and exchange programs between China and United States in the areas of science, technology, education, culture, business, trade and other fields; 2) to promote traditional Chinese culture and provide local Chinese community activities to the general public in the United States; and 3) to provide networking and collaboration opportunities among Chinese scholars and all professionals in the United States.

CAST-USA is a cross-regional, cross-industry, integrated technology group. The majority of CAST-USA members are Chinese-American professionals, who hold advanced degrees in science and technology, education, business, law, medicine, art and other fields of endeavor. CAST-USA is growing at a rapid pace with more than thousands of members in more than 30 states across the United States, working in universities, industries, government agencies and other sectors, many in the world's top 500 multinational corporations, or well-known large companies, universities or research institutions. Currently CAST-USA consists of 13 regional chapters & 8 to-be-built regional chapters in the United States and 11 liaison offices in China. CAST-USA has an Executive Board responsible for daily operations and management, a Board of Governors to propose a revision to CAST-USA Bylaws, an Advisory Board, and a Board of Directors to review and approve amendments to CAST-USA Bylaws and vote on the impeachment motion initiated by the Board of Governors. CAST-USA has the following famous Honorary Advisors: Prof. Jian Song, Prof. Chen-Ning Franklin Yang, Miss Anna Chan Chennault, Prof. Guangzhao Zhou, Prof. Lilan Zhu, Prof. Yongxiang Lu, Mr. Man-Chung Tang, and Prof. Dan Shechtman, Prof. Mario Capecchi and other academic and social celebrities.

CAST-USA and its chapters hold regular academic seminars and provide academic exchange platform for members. CAST-USA regularly publishes the “Overseas Scholars” magazine and newsletter. The contents include a presentation of academic activities, the latest news of the science, technology, and business sectors, job and investment opportunities, and immediate concerns from many members.

CAST-USA and its chapters hold nation-wide annual conferences and regional conferences, and dozens of academic lectures and academic seminars, which invite many well-known celebrities to address and discuss academic and social issues. CAST-USA is now one of the most-recognized organizations among Chinese professionals in the United States. It is the leading institution dedicated to the promotion of understanding between Americans and ethnic Chinese in the United States. Since its foundation, CAST-USA has established strong ties with the scientific and technological communities both in the United States and in China.

Current President of CAST-USA is Yunming Song, Chairman of the Board of Governors Howie Yu, Chairman of the Board of Directors Yiqiang Cai, President-Elect Zhixiong Chen. Former presidents of CAST-USA are Huakang Zhou, Qiu Zhang, Zhenchun Xu, Chongqing Lu, Qiyuan Ma, Mengchu Zhou, Jiaye Xie, Shuigen Xiao, Hong Shi, Yousuo Zou, Minyue Lin, Feiyue Wang, Bailian Li, Li Zuo, Lu Shen, Qiang Lu, Daniel Zeng, Tony Fang, Xiaoming Sheng, Yiqiang Cai, and Howie Yu.

中国旅美科技协会介绍

中国旅美科技协会（旅美科协）是 1992 年夏在纽约成立的非政治性，非盈利性的民间团体。旅美科协的三大宗旨是：促进中美之间文化、科技、教育、经贸等领域的交流与合作，弘扬中国传统文化、促进中美两国人民的相互了解，加强旅美学人、华人专业人士之间的团结、合作与交流。

旅美科协是一个跨地区（美国）、跨行业的综合性科技团体，会员主要来自科技、文化、教育、法律、金融、人文等各个领域的中国旅美专业人士组成，现有会员八千人。许多会员在世界 500 强跨国企业或美国知名大公司、高等院校或研究机构从事科技开发和研究工作，部分会员已经成为了中、高层管理人员。目前在全美有十几个分会及专业学会，会员分布在美国几十个州，并在中国国内几个城市设立了办事处联络处。总会设执行委员会负责日常工作，还设有董事会、理事会、学术协调委员会和顾问委员会。旅美科协的知名荣誉顾问包括宋健教授，杨振宁教授，陈香梅女士，周光召教授，朱丽兰教授，路甬祥教授，邓文中先生，及诺贝尔奖获得者达尼埃尔·谢赫特曼教授，马里奥·卡佩奇教授等学术及社会知名人士。

旅美科协总会及各分会举行定期学术研讨活动，为会员提供学术交流的平台。旅美科协总会定期出版《海外学人》杂志及实时通讯，内容包括介绍协会的学术活动与中美科技界、工商界的最新动态及各种工作与投资机会等许多会员们切身关心的内容。

每年总会及各分会举办包括全国年会及分会年会、学术讲座等在内的几十次大中型学术研讨活动，活动中旅美科协邀请中美各界知名人士对所关心的学术及社会问题进行探讨。旅美科协注重与其他专业协会的交流与合作，加强不同学科华人的交流，同时促进中美之间科技人才的沟通和科技的发展。旅美科协各分会也注重参加当地的华人社区活动，与所在地的其它侨团建立了良好的关系。

旅美科协总会现任会长宋云明，董事会主席于浩，理事会主席蔡逸强，候任会长陈志雄。旅美科协历任会长为周华康、章球、徐震春、陆重庆、马启元、周孟初、谢家叶、肖水根、石宏、邹有所、林民跃、王飞跃、李百炼、左力、沈陆、陆强、曾大军、方彤、盛晓明、蔡逸强、于浩。

网站和出版刊物

总会网站：www.cast-usa.org；《海外学人》杂志及《实时通讯（网络版）》。

旅美科协分会分布



- 康州分会 - Connecticut Chapter
- 佛罗里达分会 - Florida Chapter
- 大纽约分会（创始分会） - Greater New York Chapter (New York, New Jersey)
- 北卡分会 - North Carolina Chapter
- 匹兹堡分会 - Pennsylvania Chapter(Pittsburgh)
- 华盛顿特区分会 - Washington DC Chapter/Network Society
- 西弗吉尼亚分会 – West Virginia Chapter
- 亚利桑那分会 - Arizona Chapter
- 加州洛杉矶分会 - California Chapters at Los Angeles
- 加州圣地亚哥分会 - California Chapters at San Diego
- 加州硅谷分会 - California Chapters at Silicon Valley
- 德州分会 - Texas Chapter (Dallas)
- 犹他分会 - Utah Chapter



Beijing Institute of Collaborative Innovation (BICI) was founded under the strong support of Beijing Commission of Science and Technology and the Haidian District government (Beijing, China) in efforts to establish collaborative innovation service platforms and to explore new institutional mechanisms for transferring/incubating innovations and technological advancements into the market place. By integrating 13 world-class universities including Peking University, Tsinghua University, University of Science and Technology of China, Beihang University, Beijing Institute of Technology, China Agricultural University, University of Science & Technology Beijing, Beijing Jiaotong University, Beijing University of Technology, Beijing University of Post & Telecommunication, Beijing University of Chemical Technology, Communication University of China, and Chinese Academy of Sciences, together with more than 100 industry-leading companies such as COMAC and ENN, BICI established an open and conglomerate system for collaborative innovation.

The BICI's team of industry and academic experts is deeply committed to providing technical support, funding, operational services and other market resources to ensure the success of technologies. BICI is planning on launching 6 divisions on Advanced Manufacturing, Electronics and IT, Materials, Environment and Energy, Life Science and Technology, and Modern Agriculture. Under the divisions, there are 18 innovation centers and 6 featured innovation centers with focus of Simulation & Design, Robotics, Advanced Accelerator, Laser Technology, Smart Grid, Space Information Technology, Modern Media Technology, Financial Technology, Opto-Electronic Display Materials, New Energy Materials, Nanomaterials and Carbon Materials, Energy Conservation & Emission Reduction, Water Treatment, Environment Protection, Biomedical Engineering, and Biotechnology.

In an effort to provide the best technology and commercialization support, BICI jointly established R&D centers with world famous universities and research institutions including: Steinbeis-Hochschule Berlin, Hong Kong Applied Science and Technology Research Institute, University of Michigan, as well as commercialization bases in Baotou, Nanjing, Hangzhou, Handan and Rugao. Meanwhile, BICI has reached a consensus with Qingdao, Baoding and Kunming to build local innovation centers. BICI will establish innovation centers in all major cities within 5 years of development, and form a Beijing-centered nationwide innovation system.

BICI has a diverse investment system built around the innovation chain. The Beijing Natural Science Fund and the Haidian Government has established a specific fund to support BICI's fundamental research. The Beijing Government will provide research grants every year to support the research of advanced technologies, and has established a 1 Billion RMB FOF and a 500 Million RMB fund to support the research of engineering technology. A total of 2.5 Billion RMB from private capital will be funding the commercialization process.

A research headquarter of 98.8 acres located in the PKU Jade Lake Science Park, together with an innovation base of 600,000m² are being designed and constructed. Currently, 47,000m² of the base has been completed and 9 of 18 innovation centers have moved into the new space.

BICI USA was established in Bay Area in 2014 to help US technologies commercialize in China. To help transform scientific and engineering researches and developments into the most up-to-date, innovative and effective commercial products is our goal and mission. If you are looking for funding, commercialization expertise, partnership, incubation, and market channels, please feel free to send your inquiries to wanglj@bici.org. For more information, please visit: www.bici.org.

北京

北京市海淀区永丰高新技术产业基地, 丰秀
中路3号院13号楼, 电话: (86) 010-
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(86) 010-60976568 邮箱:
master@bici.org

硅谷

4655 Old Ironsides Dr. Suite 100, Santa Clara
CA95054, 电话: (01) 408-3201141, 邮箱:
wanglj@bici.org

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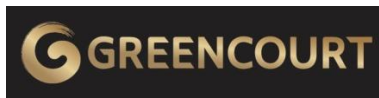
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诺惟知识产权律师事务所
Novick, Kim & Lee, PLLC

1604 Spring Hill Road, Suite 320
Vienna, VA 22182
Telephone: 703 546 8554
Website: www.nkllaw.com



绿庭投资集团

上海绿庭投资控股集团股份有限公司（绿庭投资集团）为中国 A、B 股上市公司。公司创建于 1985 年，并于 1993 年成为上市公司。经过多年资产整合与业务推进，目前已转型成为创新型中国资本全球配置的投资者与管理者。绿庭集团积极运用各类投融资方式，满足不同合作伙伴、投资人和客户的投资需求及风控要求。绿庭集团现已开发超过 3 千万平方英尺（约 280 万平方米）的住宅及商业地产。在中国，绿庭拥有超过 2 千万平方英尺（约 186 万平方米）的土地储备。详情请登录：

<http://www.greencourtinvestment.com/>

绿庭在美国：绿庭资本：<http://www.greencourtus.com/>

绿庭资本是绿庭投资集团在美国的下属企业。绿庭资本是一家以房地产为核心的地产投资和资产管理公司，总部设于马里兰州罗克韦尔市（Rockville, MD）。公司目前在美国东部沿海地区开发、建造、融资、收购、租赁及管理众多房地产项目。主要业务领域包括：土地所有权、不良资产收购及与当地企业联合投资。绿庭资本与美国老牌房地产企业 West Group, LLC（西部集团）成立投资基金 W-G Capital Fund（<http://w-gcapital.com/>）。基金规模 10 亿美元，第一期 3 亿美元，主要投资于美国一二线城市的住宅地产、商业地产、养老地产、医疗及教育地产、工业地产等。公司目前在华府地区参与联合投资的三个项目，内部收益率均超过 20%。未来，绿庭资本将在不断发展的过程中，将业务延伸至美国全国。

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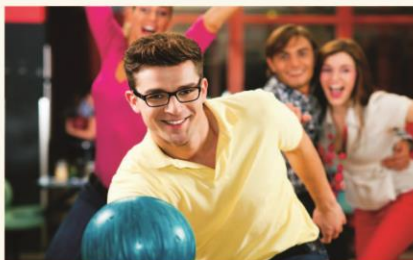
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医统天下

医统天下是一个将药厂、药批商、药店终端等整合于一网的药品交易平台，医统天下为三者在全国范围内搭建了相互交易的高效网络通路，以 B2B 的模式布局全国省市县，目前已建立了 29 个省级事业部，员工 1,400 人。医统天下的目标是革新中国医药行业传统采购和运营模式，打造中国药品采购的高效网络通路，从而建立中国最专业的药品网络交易平台。医统天下目前业务范围是瞄准盘量过万亿的医药流通市场机会，2014 年此盘量为 1.2 万亿，预计到 2020 年中国医药流通市场盘量在 2.3 万亿左右，而在互联网+这个大环境下的医药电商将快速崛起。而与此相关的大健康产业盘量预计在 2020 年将达到 8 万亿

YiTong was launched in July, 2014. YiTong has gradually added support for 29 out of 31 provinces in China and is playing the leading role in the market.

The vision of Yitong is to establish connection among pharmaceutical Manufacturers, pharmaceutical wholesale distributor and pharmacies. By connecting these stakeholders, Yitong aims to cut down redundant distribution channels and thus reduce business costs and improve efficiency of the pharmaceutical industry. The valuation of the pharmaceutical industry is 8,000 billion Yuan with huge potential. To optimize the pharmaceutical industry supply chain, Yitong plans to provide financial and logistics service in the future.

Introduction of TusPark Business Incubator

TusPark Business Incubator was started in 1999, and registered as TusPark Business Incubator Co., Ltd. in 2001. The company established the developing model of “incubation + seed investment” and the objective of professional incubator. It awarded the Advanced Incubation Service Institution in National High-tech Parks and the Best Incubation Environment of High-tech and Innovation Base of Beijing, identified as one of the national incubators by the Torch Center and received the Award of Best Practice of Scientific Incubator.

By integrating innovation services and building business platforms, the incubator grows with the firms in it. Till now, the company has incubated nearly 2000 firms, among which are excellent companies including 36 Diamond Companies, 35 “Golden Seed Project” companies, and 19 listed companies as well as great entrepreneurs including 76 leading talents from “Recruitment Program of Global Experts”, “Overseas Talent Pooling Program” and “High-end Leading Talent Pooling Program”.

启迪教育集团简介

为了更好地承担清华科技园作为大学服务社会的重要平台职能，实现大学教育职能的有机延伸，全面推动区域城市化与社会经济发展，启迪控股股份有限公司设立了启迪教育投资（北京）有限公司，并将以此为主体整合优质教育资源，积极打造具有清华科技园特色的启迪教育集团。启迪教育投资（北京）有限公司系清华科技园启迪控股股份有限公司全资子公司，作为启迪控股旗下主要业务板块之一，负责集团教育板块的投资和管理业务，以及科技文化产业园业务拓展。依托清华大学深厚的文化底蕴和优秀的教育资源，开拓教育服务社会的全新模式，打造清华大学社会服务型教育输出与投资平台。集团目前控参股企业近十家，涵盖亚洲最大规模的在线教育 MOOC 平台，国内领先的 K12 教育培训平台，国内最大的科教类众创空间空间平台以及学前教育、基础教育、管理咨询、教育投资、文化传播等业务平台。启迪教育正在逐步成为覆盖全领域、全品类，为人们提供全生命周期教育解决方案的教育集团。

