

TSINGHUA NEWSLETTER



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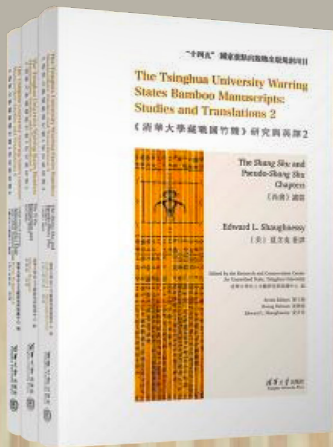
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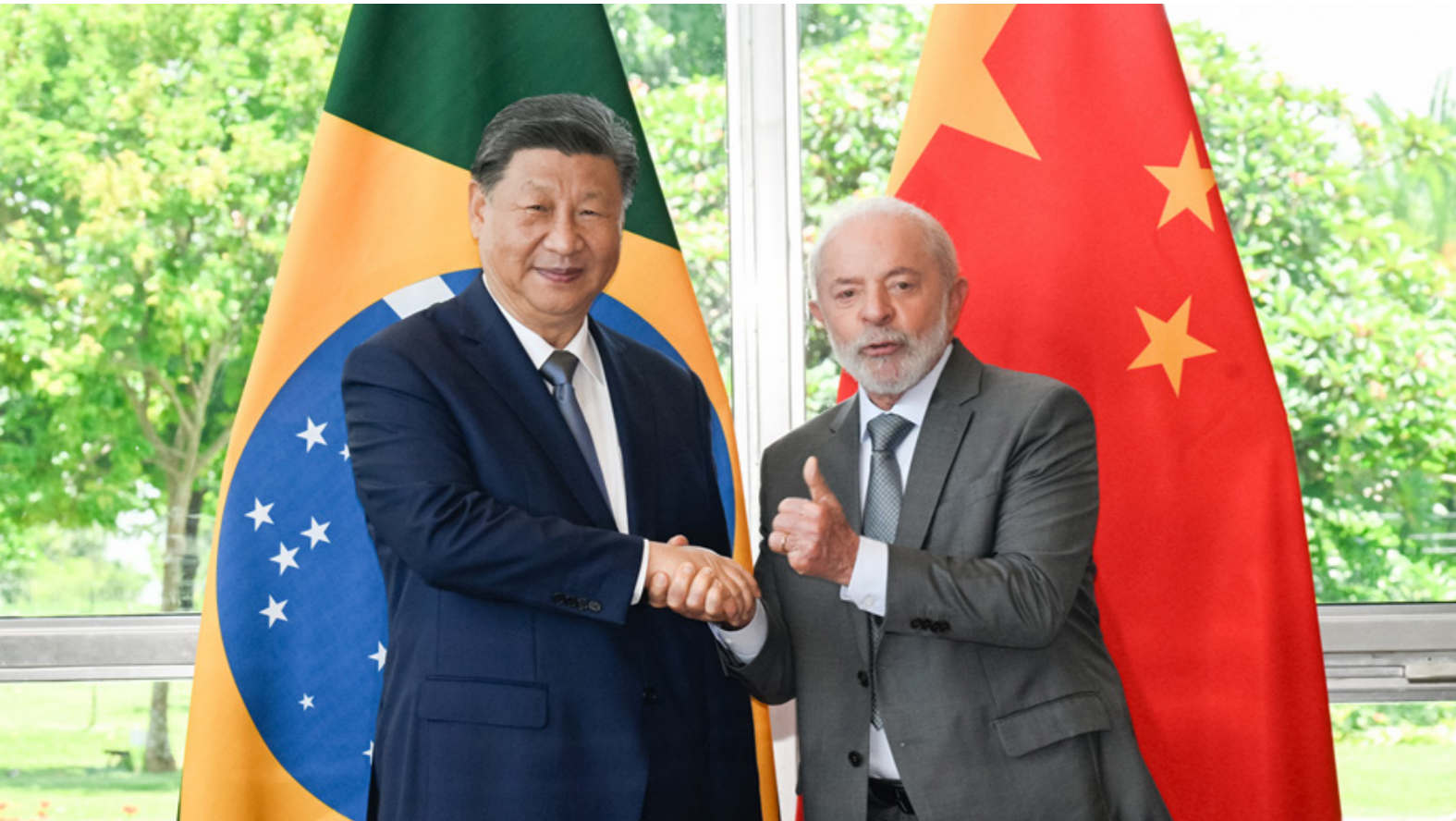


FOCUS

Tsinghua partners with Brazilian universities to tackle global challenges

On the morning of November 20, local time, Chinese President Xi Jinping held talks with Brazilian President Luiz Inacio Lula da Silva in Brasilia, Brazil. The two heads of state announced the elevation of China-Brazil relations to building a China-Brazil community with a shared future for a more just world and a more sustainable planet.

During President Xi's state visit to Brazil, the two sides signed over 30 bilateral cooperation agreements spanning areas such as economy and trade, investment, agriculture, digital economy, sustainable development, science and technology, artificial intelligence, and global development cooperation.



During President Xi Jinping's visit to Rio de Janeiro to attend the 19th G20 Leaders' Summit and his state visit to Brazil, Secretary of the CPC Tsinghua University Committee and Chairperson of the University Council Qiu Yong led a delegation to Brazil from November 17 to 21 local time. On behalf of Tsinghua University, Qiu signed a Memorandum of Understanding with the Federal University of Rio de Janeiro for the "China-Latin America Youth Responding to Global Challenges" Program. As one of the over 30 bilateral cooperation agreements signed during Xi's visit, this memorandum was included as one of the outcomes of his state visit to Brazil.

The China-Latin America Youth Responding to Global Challenges Program aims to unite youth from China and Latin America to address challenges in poverty alleviation and other sustainable development areas. A core component of the program, the Poverty Alleviation Challenge was initiated by Tsinghua University and jointly organized in its inaugural session with the Federal University of Rio de Janeiro and the Pontifical Catholic University of Chile.

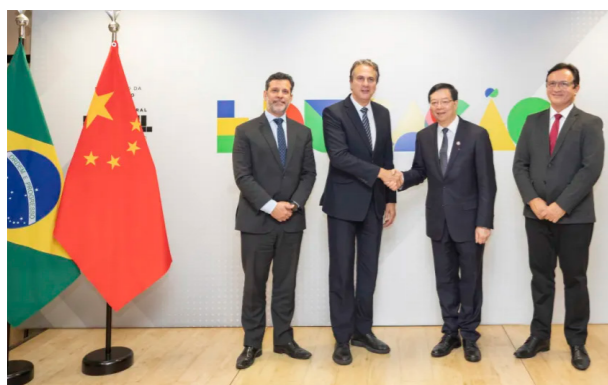
The program contributes innovative solutions to poverty alleviation efforts in developing countries worldwide while fostering intercultural exchange and mutual learning.

Going forward, the program will expand its scale and involve more youth participants. It will broaden its focus beyond poverty alleviation to include other sustainable development topics. By organizing joint competitions, collaborative courses, and co-research initiatives, the program will produce more outcomes of cross-cultural exchange and mutual learning, contributing to building a community with a shared future for mankind.

During the visit, Qiu met with Brazil's Minister of Education, Camilo Sobreira de Santana. The two reached a consensus on strengthening collaboration between Tsinghua University and Brazilian universities and institutions. Additionally, he signed a MoU with Ricardo Alban, president of the Brazilian National Confederation of Industry (CNI), to deepen collaboration in education, science and technology, and economy and trade. Tsinghua also signed university-level agreements with the



Chinese President Xi Jinping holds talks with his Brazilian counterpart Luiz Inacio Lula da Silva in Brasilia, Brazil, Nov. 20, 2024.



Qiu Yong with Camilo Sobreira de Santana and other attendees.

University of São Paulo, the Federal University of Ceará, and the Federal University of Rio de Janeiro.

Qiu also participated in the Tsinghua University-CNI Seminar and the Seminar on China-Brazil Collaboration for Promoting Bio-Industry and Sustainable Development. These efforts aimed to reinforce Tsinghua University's leading role in higher education and enhance collaboration with Brazil across various fields, including education, research, and people-to-people and cultural exchanges.

Through these initiatives, Tsinghua University contributes to building a China-Brazil community with a shared future for a more just world and a more sustainable planet.

Tsinghua places great importance on its cooperation with Brazil and other Latin American countries. The Tsinghua-UFRJ China-Brazil Center



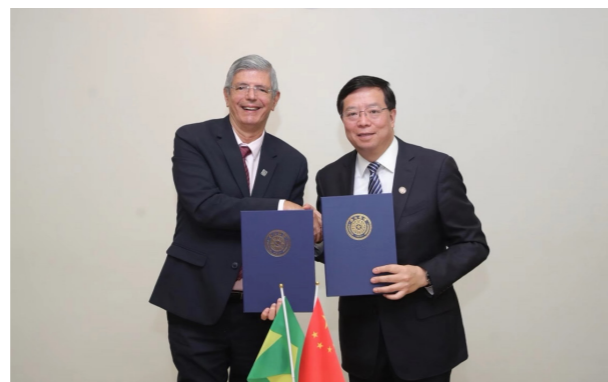
Qiu Yong and Ricardo Alban reach a consensus on deepening collaboration.

for Climate Change and Energy Technology Innovation was established with the support of both governments in 2010, with offices at Tsinghua and the Federal University of Rio de Janeiro. The center has since become a key platform for fostering educational, technological, and people-to-people and cultural exchanges in the fields of clean energy and climate change across China, Brazil, and Latin American countries.

In 2015, based on the prior cooperation under the support of the Ministry of Science and Technology, Tsinghua led the establishment of the China-Latin America Joint Laboratory for Clean Energy and Climate Change, with the Federal University of Rio de Janeiro as the Latin American lead institution. The joint laboratory has been recognized as a National International Science and Technology Cooperation Base by the Ministry of Science and Technology.



Tsinghua University enters a Memorandum of Understanding with the University of São Paulo.



Tsinghua University signed a Memorandum of Understanding with the Federal University of Rio de Janeiro.

In 2018, Tsinghua established its Latin America Center in Santiago, Chile, to serve as an integrated platform for exchanges among governments, academia, think tanks, and enterprises from China and Latin America. Leveraging this center, the Latin American and Caribbean Ambassadors Convene at Tsinghua event has been held for four consecutive years, and the Poverty Alleviation Challenge has provided a platform for Chinese and Latin American youth to collaborate on solving pressing challenges.

Focused on cultivating global competence, the center has also facilitated winter and summer fieldwork opportunities for Tsinghua students and faculty in countries such as Chile, Brazil, and the Dominican Republic.

As part of the series of events celebrating the 50th anniversary of China-Brazil diplomatic relations, the final of "2024 Poverty Alleviation Challenge" concluded in August in Rio de Janeiro. Faculty and students from Tsinghua University and Brazilian universities explored innovative approaches and diverse strategies to address poverty, combining their academic expertise and cross-cultural perspectives.



The final of "China-Latin America Youth Responding to Global Challenges-2024 Poverty Alleviation Challenge", held in Brazil.

The Poverty Alleviation Challenge is a core component of the China-Latin America Youth Responding to Global Challenges Program and the first poverty-focused initiative by a Chinese university to integrate case studies, innovative solution competitions, academic forums, and field research.



Group photo at the final of "China-Latin America Youth Responding to Global Challenges-2024 Poverty Alleviation Challenge (Chile)"

Chinese vice premier meets Tsinghua University advisors

BEIJING, Oct. 25 (Xinhua) -- Chinese Vice Premier Ding Xuexiang met with representatives of the advisory board of the Tsinghua University School of Economics and Management (Tsinghua SEM) in Beijing on Friday.

Noting that China's economic operation is stable overall and making progress, Ding, also a member of the Standing Committee of the Political Bureau of the Communist Party of China Central Committee, said that the country is speeding up the implementation of a package of incremental policies, as it strives to achieve its annual economic and social development targets.

He highlighted the ever-growing development momentum driven by reform and innovation, which serves to promote China's steady and long-term economic development.

China always firmly supports economic globalization and will open its door only wider

to the world, according to Ding, who also said that the country is willing to share the fruits of development with the world.

Ding expressed hope that the advisors would continue to actively provide suggestions and support the development of China's economy and education system.

Citing the country's abundant development opportunities, Apple CEO Tim Cook, chair of the advisory board, said that Apple is willing to expand investment in China -- to achieve mutual benefits and win-win outcomes.

The advisory board of the Tsinghua SEM was founded in October 2000. Comprised of global business executives, business school deans and renowned scholars, the board aims to help make Tsinghua SEM a world-class school in terms of economics and management, by improving its teaching and research capabilities.



Chinese Vice Premier Ding Xuexiang, also a member of the Standing Committee of the Political Bureau of the Communist Party of China Central Committee, meets with representatives of the advisory board of the Tsinghua University School of Economics and Management (Tsinghua SEM) in Beijing, capital of China, Oct. 25, 2024.

Tsinghua and Finnish universities strengthen ties with new education pact



Memorandum of Understanding Signing Ceremony

On the morning of October 29, President Cai-Göran Alexander Stubb of the Republic of Finland visited Tsinghua University and participated in the signing of a Memorandum of Understanding (MoU) between the university and the China-Network of Finnish Universities of Applied Sciences (UAS). This agreement marks a step forward in Sino-Finnish academic collaboration. President Stubb spoke at the China-Finland Applied Sciences and Engineering Education Seminar following the signing. During his visit, extensive discussions with Tsinghua's President Li Luming focused on the crucial role of international exchanges, with

both leaders advocating for increased student and faculty exchanges between the two countries.

The signing of MoU by President Li Luming of Tsinghua and Jaakko Hallila, President of Seinäjoki University of Applied Sciences and Chair of the China-Network of Finnish Universities of Applied Sciences, underscores a continuing tradition of academic cooperation between China and Finland. This agreement, aimed at fostering a deeper understanding and exchanging knowledge, promises enriching experiences for students from both countries.



Tsinghua University President Li Luming delivers remarks at the China-Finland Applied Sciences and Engineering Education Seminar



Finnish President Cai-Göran Alexander Stubb delivers a speech at the China-Finland Applied Sciences and Engineering Education Seminar



Venue of the China-Finland Applied Sciences and Engineering Education Seminar

President Li Luming warmly welcomed the Finnish delegation and underscored Tsinghua's ongoing initiative to forge global partnerships and enrich educational exchanges. "At Tsinghua, we actively work to expand our collaborative endeavors with Finnish institutions, jointly cultivating talents and addressing significant challenges across regions and the globe," Li stated. He also expressed optimism that, with President Stubb's encouragement, Tsinghua anticipates seeing an increase in student and faculty exchanges, jointly contributing to advancing global technological innovation and elevating the standards of higher education worldwide.

In his speech, President Stubb highlighted the transformative role of education, a key pillar of Finland's societal development. He stressed that Finland's achievements are firmly rooted in a longstanding commitment to educational excellence and civilizations. Education, he noted, is essential in fostering an open and curious mindset,

critical for personal success and national prosperity. Stubb also championed the benefits of lifelong learning, urging students to continuously expand their knowledge. He further emphasized the importance of international student exchanges, as that's the only way to learn and understand a different culture. Stubb stated that the new MOU will significantly enhance academic mobility, creating extensive opportunities for Finnish students in China and increasing the number of Chinese students studying in Finland.

Lauri Tierala, Chief of Staff of the Office of the President of Finland, Jukka Salovaara, Permanent State Secretary of the Ministry for Foreign Affairs of Finland, and Mikko Kinnunen, Ambassador of Finland to China, accompanied the visit. Wang Tongqing, Ambassador of China to Finland, also attended the proceedings, while Tsinghua Vice President Yang Bin chaired the event. The Finnish student representatives from Tsinghua University also participated in related activities.

Tsinghua University confers honorary professorship on Malaysian PM

Malaysian Prime Minister Anwar Ibrahim was appointed as an honorary professor at Tsinghua University on November 5 in Shanghai. Qiu Yong, secretary of the CPC Tsinghua University Committee and an academican of the Chinese Academy of Sciences, presented Anwar with the honorary professorship certificate, while Yang Bin, vice-president of Tsinghua University presided over the conferment ceremony.

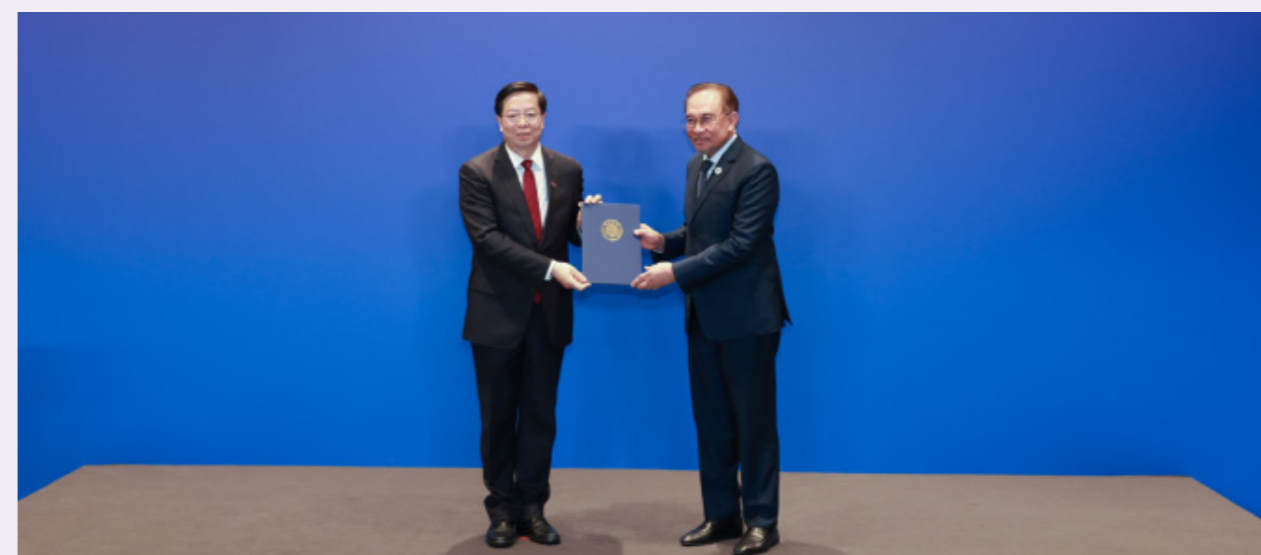
Qiu congratulated Anwar on his appointment and talked of the long-standing friendship between the two countries. He said that Tsinghua University actively fosters mutual understanding and promotes cultural exchanges between civilizations, and maintains long-standing partnerships with Malaysian universities and research institutions.

We are also pleased to see that each year, a group of outstanding students from Malaysia come to Tsinghua University to acquire knowledge, enhance their skills, experience China, and understand China. They strive to become ambassadors who contribute to the development of China-Malaysia relations. Moving forward, Tsinghua aims to further strengthen exchanges and cooperation with Malaysian partners, striving to deepen understanding and friendship between

the younger generations of both nations and contribute to building a community with a shared future for mankind, Qiu added.

Yang announced the University's decision to confer the title of honorary professor on Anwar. The statement recognized Anwar as an outstanding politician, economist, and social activist who has long been committed to promoting democratic reforms and economic development in Malaysia. Under his leadership, Malaysia has successfully implemented a series of structural reforms that have strengthened domestic economic growth and improved the standard of living for its citizens. At the same time, Anwar has been an advocate for peace, dialogue, and cooperation on the international stage, making tireless efforts to promote peace and development at both regional and global levels.

"Tsinghua University's decision to confer upon Anwar the title of honorary professor recognizes the outstanding contributions he has made to the development of Malaysia and the international community, as well as his significant global influence in the political, economic, and cultural fields," Yang said.



Secretary of the CPC Tsinghua University Committee Qiu Yong presented Malaysian Prime Minister Anwar Ibrahim with the honorary professorship certificate.

Qiu Yong holds talks with Indonesian president



Qiu and Prabowo Subianto pose for a photo after the meeting.

Qiu Yong, secretary of the CPC Tsinghua University Committee, held talks with Indonesian President Prabowo Subianto on November 10.

They discussed further strengthening friendly exchanges and practical cooperation, promoting high-quality Belt and Road cooperation, and building a China-Indonesia community with a shared future.

Qiu introduced the cooperation between Tsinghua University and Indonesia in the fields of talent cultivation, scientific research and cultural exchanges. Qiu stated that Indonesia is an important partner country in Tsinghua's international exchange and cooperation, adding that the university intends to increase channels for cooperation with Indonesia, especially in the field of AI in education, and welcomes more Indonesian students to exchange and study in Tsinghua.

Tsinghua will also fully utilize the Indonesia-China Joint Research and Development Center on Vaccine and Genomics to open broader prospects for cooperation between China, Indonesia and ASEAN in vaccine research and application.

Prabowo praised Tsinghua's achievements in talent cultivation and technological innovation, and expressed full support for the comprehensive cooperation between Tsinghua University and Indonesia.

He noted that the Indonesian government is actively promoting online education to improve the quality of primary and secondary education in underdeveloped areas, hoping that Tsinghua can leverage its technological and talent advantages in this field.

It is hoped that both sides will broaden the scope of cooperation, make greater contributions to the high-quality development

within both countries, and build a China-Indonesia community with a shared future.

As a significant outcome of the cooperation between Tsinghua University and Indonesia, the Tsinghua Southeast Asia Center has commenced operations on Kura Kura Island in Bali since 2023. The center aims to promote talent training, and facilitate cultural and academic exchanges in Indonesia and the Southeast Asian region.

Since its establishment, the center has supported the Belt and Road Initiative and the United Nations Sustainable Development Goals.

The center serves as an international cooperation and exchange platform for Tsinghua to strengthen exchanges and practical cooperation with various sectors in Indonesia and ASEAN countries.

Prabowo Subianto was elected President of Indonesia in March 2024 and took office in October. This visit marks President Prabowo Subianto's first state visit to China.

Tsinghua University expands efforts in high-quality medicine development

Tsinghua University is ramping up its commitment to advancing high-quality medicine development, including launching new schools of Tsinghua Medicine and entering a strategic cooperation agreement to establish a new medical campus.

Tsinghua University announced initiatives to advance high-quality medicine development during the Tsinghua Medicine: Future of Medicine Forum, themed "Innovating Medicine and Healthcare for a Shared Future," on November 15, 2024.

The University launched several new specialized schools of Tsinghua Medicine, and also entered a strategic cooperation agreement with Beijing's Haidian district to develop a new medical campus.

The newly launched divisions include the School of Basic Medicine, the School of Biomedical Engineering, the School of Medical Management, and the School of Clinical Medicine (Beijing Tsinghua Changgung Hospital).

The new medicine campus will be a high-level facility incorporating Tsinghua Medicine, a research-centric hospital, and national-level research platforms.

Chen Zhu, vice chairperson of the Standing Committee of the 13th National People's Congress and a member of the Chinese Academy of Sciences, said in an opening speech via video that as the scientific backbone of health care

services, medical advancements play a vital role in safeguarding public health. From basic research to clinical applications and from disease prevention to health management, every breakthrough in medicine has profoundly impacted human health. He encouraged Tsinghua University to pursue innovation, prioritize people's health needs, and promote collaboration, and resource sharing with the international medical community from a global perspective.

Zeng Yixin, vice minister of the National Health Commission (NHC) and a member of the Chinese Academy of Sciences, highlighted that China had outlined integrated reforms of institutions and mechanisms pertaining to education, science and technology, and talent, as well as implementing a health-first strategy. In recent years, Tsinghua University has provided rich resources for cultivating medical talent for the new era and has produced a series of innovative medical achievements, becoming a key influence in China's medical development. For the future development of medical education at Tsinghua, he outlined four key expectations: to explore, demonstrate, lead, and innovate. He said the NHC will continue to support Tsinghua Medicine's reform and development and encouraged Tsinghua to leverage the advantages of a comprehensive university to promote interdisciplinary integration and contribute even more to the Healthy China initiative.



Chen Zhu delivers a speech



Zeng Yixin delivers a speech



Xiong Sihao delivers a speech



Li Luming delivers a speech

Xiong Sihao, vice minister of education, said that this forum, focusing on exploring ways to provide high-quality medical education and advance medical development, is particularly relevant as the country steps up its efforts in these areas. He expressed hope that Tsinghua will cultivate more top medical talent with strong ethics and innovative skills, strengthen discipline development, promote international medical collaboration and lead reforms in medical education and systems to contribute to Tsinghua's solutions to major medical challenges in China and the world.

Li Luming, president of Tsinghua University, said Tsinghua remains committed to national development while strengthening its medical programs as part of its mission to become a world-class university. Li, who is also a member of the Chinese Academy of Sciences, looked back on the development of medicine at Tsinghua

University, and said the University is advancing medical technology innovation and artificial intelligence applications in medical education. Li expressed hope that Tsinghua Medicine will cultivate leadership in medicine, promote interdisciplinary development, achieve high-level scientific innovations, contribute to the nation's self-reliance and advancement in medical science and technology, and enhance health service capabilities.

The forum was moderated by Wang Hongwei, vice president of Tsinghua University.

During the forum, Victor Dzau, president of the U.S. National Academy of Medicine and a foreign member of the Chinese Academy of Engineering, received an honorary professorship from Tsinghua University.

During the keynote presentations, Wong Tien Yin, vice provost of Tsinghua University, senior vice-



An inauguration ceremony for new schools of Tsinghua Medicine takes place during the forum



Agreement signing ceremony between Tsinghua University and Beijing's Haidian district during the forum

chancellor of Tsinghua Medicine, and an elected foreign member of the U.S. National Academy of Medicine, outlined the development, unique characteristics, and key achievements of Tsinghua Medicine in a presentation titled "Tsinghua Medicine: Developing a Future-focused, High-quality Strategy for Medicine." He also shared the vision of establishing Tsinghua Medicine as a world-leading center for talent cultivation and research innovation that drives progress in human medicine.

Dong Jiahong, dean of the School of Clinical Medicine (Beijing Tsinghua Changgung Hospital), chair of the Academic Committee of Tsinghua Medicine, and a member of the CAE, delivered a presentation titled "Tsinghua Practices in Building a Chinese Modern Healthcare Services System." He highlighted the achievements of Beijing Tsinghua Changgung Hospital in pioneering medical reforms, exploring public hospital reform, establishing a high-level academic medical center, and building an integrated health care consortium, demonstrating Tsinghua's contributions to the development of a modern Chinese health care system.



Wong Tien Yin, Dong Jiahong, and Victor Dzau deliver keynote presentations



Victor Dzau receives an honorary professorship from Tsinghua University

Victor Dzau, honorary professor of Tsinghua University, president of the U.S. National Academy of Medicine, and a foreign member of the CAE, in his presentation "The Future of Medicine: From Bench to Bedside to Population to Society," addressed global challenges in health care and discussed how data science and artificial intelligence can play critical roles in tackling shared issues.

The three-day event features seven specialized sub-forums covering medical education, advances in oncology, infectious diseases and immunity, aging and degenerative diseases, drug development, biomedical engineering, and health care management.

Zhang Shuyang, president of Peking Union Medical College Hospital, attended the forum. A total of nearly 100 academic presentations were delivered, attracting over 1,500 participants, including over 100 renowned experts, scholars, and industry leaders from the global healthcare sector, as well as cross-disciplinary professionals.



The Tsinghua Medicine: Future of Medicine Forum is held at Tsinghua University

Global climate expert Chen Deliang joins Tsinghua as chair professor



Li Luming addresses the ceremony.

Tsinghua University held an appointment ceremony to welcome Professor Chen Deliang, a globally acclaimed climate scientist, as a newly appointed chair professor on November 26. The event was attended by Tsinghua University President Li Luming, with Vice-President Wang Hongwei presiding.

On behalf of Tsinghua University, Li extended a warm welcome and heartfelt gratitude to Chen for joining the University full-time and for his outstanding contributions to talent cultivation and the development of Earth Sciences at Tsinghua. Li said Tsinghua is proactively implementing the guiding principles of the third plenary session of the 20th CPC Central Committee, advancing its core strategy of strengthening the University through talent development. The University is committed to attracting and cultivating more world-class scholars to foster top-tier innovative talents and contribute to high-level scientific and technological self-reliance, he added.

As an internationally renowned climate scientist, Chen embodies the noble spirit of a scientist, a profound dedication to the nation, and a global vision focused on the welfare of humanity. Li said he looked forward to Chen enriching Tsinghua's collaborative endeavors, leveraging his extensive teaching experience, robust research expertise, and broad international academic

influence to significantly enhance the development of disciplines such as Earth System Science at Tsinghua. His contributions are expected to propel Tsinghua closer to its goal of becoming a leading world-class university, creating a globally attractive and nurturing academic environment, and supporting national efforts in strengthening education, science and technology, and talent.

Chen reflected on his long-standing collaboration with Tsinghua University, expressing heartfelt gratitude for the support and care he has received from the University, and his colleagues and friends. He said Tsinghua provides an unparalleled academic environment, enabling continued innovation and breakthroughs in areas such as climate and environmental change.

He stated that science and technology are the core driving forces of social progress, particularly in the environmental field, where many major challenges are global in nature and require effective international cooperation to address. He emphasized that the study and application of climate resilience are fundamental to Earth System Science and sustainable development research.

Looking ahead, Chen pledged to focus more on advancing research and education in climate resilience. He said he aims to leverage Tsinghua's strengths to enhance collaboration with partners



Chen Deliang at the appointment ceremony.



Li Luming presents the appointment certificate to Chen Deliang.



Yao Tandong addresses the ceremony.

both within and outside the University, driving the development of Earth System Science. Through these efforts, he hopes to contribute knowledge and solutions to global environmental challenges and the pursuit of sustainable development worldwide.

At the appointment ceremony, Li presented Chen with the certificates of Tsinghua University Chair Professor and Xinghua Distinguished Chair Professor of Tsinghua University.

Academician Yao Tandong, honorary director and researcher from the Institute of Tibetan Plateau Research at the Chinese Academy of Sciences, paid tribute and congratulated Chen on his decision to return to China as a full-time professor and on his appointment as a chair professor at Tsinghua.

He noted that Chen is a globally renowned climate scientist and a world-class strategic scientist with forward-looking scientific vision and international influence. Chen has made significant contributions to leading and coordinating global scientific cooperation and development, he said.

Yao said he believed the perfect integration of a world-class scientist and a world-class scientific platform will enable Chen and Tsinghua to drive progress in science, elevate international collaboration to new heights, and achieve innovative breakthroughs for China's scientific community.

Chen Deliang is an internationally renowned climate scientist, an advocate and practitioner of Earth System Science, and a strategic scientist with a global perspective. His research focuses



Li Luming and Wang Hongwei with Chen Deliang and his wife.

on climate change, its causes and impacts, and climate dynamics. He is a leading expert and pioneer in climate downscaling models and enjoys a high reputation on the international stage.

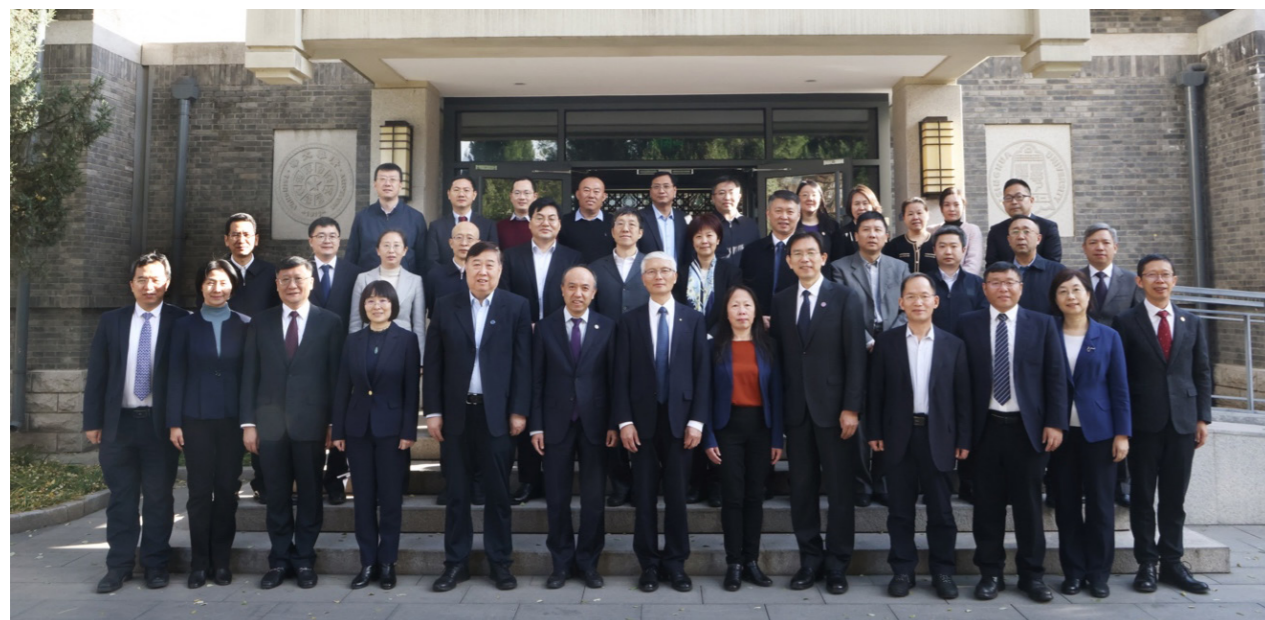
Chen has been elected a member of the Royal Swedish Academy of Sciences, a foreign member of the Norwegian Academy of Science and Letters, a foreign member of the Chinese Academy of Sciences, a member of the World Academy of Sciences for the advancement of science in developing countries, a member of the European Academy of Sciences and Arts, a member of the Royal Society of Arts and Sciences in Gothenburg, and a fellow of the International Science Council. He has received the H. M. The King's Medal in the 8th size with the Order of the Seraphim ribbon and was listed among the Top 1,000 Climate Scientists globally by Reuters. In 2017, he was awarded the China International Science and Technology Cooperation Award.

As the only executive director with Chinese origin since the establishment of the International Council for Science (ICSU), Chen organized and developed a global visioning process for Natural Sciences and Earth System Science, and led the launch of the large-scale international scientific research program "Future Earth," which has had a profound impact on global ecology, environment



The appointment ceremony

and climate research, and sustainable development. With a deep concern for his homeland, he has devoted himself to advancing China's scientific endeavors and has long served as the science director at the National Climate Center and as the chair of the International Scientific Advisory Committee of the Institute of Urban Meteorology, Beijing. Thanks to his efforts, the International Council for Science launched the "Integrated Research on Disaster Risk" and the "Urban Health & Well-being" projects, providing important platforms for Chinese scientists to participate in international scientific research.



Participants of the appointment ceremony

Delegation of mainland university students, teachers wraps up Taiwan visit



A delegation of 40 students and teachers from seven Chinese mainland universities on December 5 wrapped up their nine-day visit to Taiwan.

They set off for Taiwan on November 27 and visited universities, historical sites, scenic spots, as well as sports, sci-tech and cultural venues on the island, widely engaging with locals throughout the trip.

The delegation made the trip at the invitation of the Taiwan-based Ma Ying-jeou Culture and Education Foundation and was led by Qiu Yong.

Speaking at the farewell dinner on December 4, Qiu commented on how the mainland students and teachers felt both the deep rapport between

compatriots on the two sides of the Taiwan Strait, and the unique charm of the island.

He called for more opportunities for young people on both sides of the Strait to learn from each other, further efforts to strengthen the spiritual bond connecting mainland and Taiwan compatriots through Chinese cultural traditions, and enhanced cross-Strait educational cooperation.

"In the course of the great rejuvenation of the Chinese nation, compatriots on either side of the Strait cannot be absent," Qiu said.

Source: Xinhua

GLOBAL ENGAGEMENT

Third European Tsinghua Alumni Convention held in Switzerland

The Tsinghua Alumni Association held its European convention at the Olympic Museum in Lausanne, Switzerland on Oct 5, where alumni and their families from across Europe, as well as North America and Asia, gathered to reconnect.

Thomas Bach, president of the International Olympic Committee; Li Luming, president of Tsinghua University and president of the Tsinghua Alumni Association; Angelita Teo, director of the Olympic Museum; and Xiang Botao, executive deputy secretary of the CPC Tsinghua University Committee, attended the convention in person or via video.

This year, with the Olympics being held in Paris, the alumni conference adopted an Olympic theme,

encouraging alumni to build bridges of friendship and trust, embrace the Olympic spirit, and embark on a new chapter together.

In his video address, Li Luming expressed his gratitude to the alumni for their support for the development of the University. He affirmed the important role that the European Tsinghua Alumni Convention and alumni organizations have played in assisting in the construction of their alma mater. He noted that through their actions, alumni embody the University motto of "Self-Discipline and Social Commitment" and the school spirit of "Actions Speak Louder than Words". Alumni are striving for excellence in various fields and working together to make significant contributions to



A group photo of alumni attending the event



Angelita Teo delivers a speech.



Ye Haiwen delivers a speech.

national development, China-Europe cooperation and global progress, he said.

After introducing developments at Tsinghua, Li Luming stated that the third plenary session of the 20th Central Committee of the Communist Party of China has provided a clear direction for comprehensively advancing reforms in education, science and technology, and talent systems, and for promoting the high-quality development of higher education. At present, Tsinghua is actively implementing the strategic plan of building a leading country in education and is making every effort to promote the university's high-quality development. Li said Tsinghua expects to join hands with alumni from all walks of life in courageously assuming the responsibilities of the times, working together to meet challenges, and advancing global exchange and cooperation through concrete actions, thereby making new contributions to the building of a community with a shared future for mankind.

In his address, Thomas Bach praised Tsinghua University not only for its outstanding academic achievements and comprehensive education but also for its strong tradition in sports. He mentioned that many Tsinghua alumni and students participated in the Olympics, bringing honor to both the university and China, and showcasing the spirit of Tsinghua on the world stage. He expressed his hope that Tsinghua alumni would continue to actively promote the Olympic spirit of "Faster, Higher, Stronger—Together", both at home and abroad.

Angelita Teo remarked that, much like education, sports have the power to transcend borders and bring people together. As a world-renowned university, Tsinghua boasts alumni across the globe who serve as both witnesses and advocates for international unity and friendship.



Thematic forums



In his speech, Ye Haiwen, president of the Tsinghua University Alumni Association in Switzerland, wished the event great success.

The convention featured seven thematic forums where alumni discussed topics such as international affairs, the value of sports, artificial intelligence, sustainable energy, green transportation, innovation, entrepreneurship, and the arts. These discussions explored diverse fields and perspectives, encouraging rich exchanges.

An archives exhibition and an Olympic-themed art exhibition were held simultaneously, along with sports activities and artistic performances.

The convention was hosted by the Tsinghua Alumni Association and jointly organized by the Tsinghua Alumni Association of Switzerland and various Tsinghua alumni organizations across Europe.



A group photo of alumni attending the event

Tsinghua SEM Advisory Board holds 2024 meeting



Chinese Vice Premier Ding Xuexiang, also a member of the Standing Committee of the Political Bureau of the Communist Party of China Central Committee, meets with representatives of the advisory board of the Tsinghua University School of Economics and Management (Tsinghua SEM) in Beijing, capital of China, Oct. 25, 2024.

Tsinghua University School of Economics and Management (Tsinghua SEM) held its 2024 Advisory Board Meeting on October 25. It was the board's 25th annual meeting since its establishment. A total of 22 board members attended the meeting.

Chinese Vice Premier Ding Xuexiang, also a member of the Standing Committee of the Political Bureau of the Communist Party of China Central Committee, met with representatives of the advisory board in the morning.

Noting that China's economic operation is stable overall and making progress, Ding, also a member of the Standing Committee of the Political Bureau of the Communist Party of China Central Committee, said that the country is speeding up the implementation of a package of incremental policies, as it strives to achieve its annual economic and social development targets.

He highlighted the ever-growing development momentum driven by reform and innovation,

which serves to promote China's steady and long-term economic development.

China always firmly supports economic globalization and will open its door only wider to the world, according to DING, who also said that the country is willing to share the fruits of development with the world.

Ding expressed hope that the advisors would continue to actively provide suggestions and support the development of China's economy and education system.

Citing the country's abundant development opportunities, Apple CEO Tim Cook, chair of the advisory board, said that Apple is willing to expand investment in China -- to achieve mutual benefits and win-win outcomes.

Wang Qishan, China's former vice president and the honorary chairman of the advisory board, met with the representatives in the evening.



Tim Cook chairs the advisory board meeting.

Zhou Xiaochuan, vice chairman of the Boao Forum for Asia and China's chief representative to the Boao Forum; Wang Zhijun, deputy secretary-general of the State Council; Ma Zhaoxu, China's vice foreign minister; Guo Shuqing, chairman of the former China Banking and Insurance Regulatory Commission (CBIRC), former secretary of Party Committee of the People's Bank of China; Liu Mingkang, chairman of the former China Banking Regulatory Commission (CBRC); Xiao Yanshun, deputy director of the Research Office of the State Council; Chen Jie and Xiong Sihao, China's vice education ministers; Jin Yilin, counselor of the Ministry of Foreign Affairs; Zhu Yunlai, former president and CEO of China International Capital Corporation (CICC); Qiu Yong, secretary of the CPC Tsinghua University Committee; Li Luming, president of Tsinghua University, along with directors from related bureaus and departments under the Ministry of Foreign Affairs and the Ministry of Education, and Tsinghua SEM leadership attended the activity.

The Advisory Board meeting took place at Tsinghua SEM in the afternoon and was chaired by Tim Cook. He welcomed six new members and thanked all board members, including four outgoing members for their contributions and support.

Li Luming conveyed Tsinghua SEM's first Dean and Founding Honorary Chairman of the advisory board Zhu Rongji's heartfelt greetings and gratitude to all the members and specially-invited experts for their kind help to Tsinghua University and Tsinghua SEM. As the Third Plenary Session of the 20th CPC Central Committee emphasized on promoting



Li Luming gives a speech at the meeting.

high-standard opening up, Li said, Tsinghua University remains committed to openness and collaboration in the face of complex and evolving new circumstances and is vigorously fostering high-level, globally-minded and innovative talents to address challenges shared by all humanity. Li Luming introduced the latest progress in the school's reform and development, thanking the advisory committee members for coming to Tsinghua's classrooms to provide students with opportunities for face-to-face communication and learning from the experiences of world-class business leaders. He looked forward to working with the members to promote the high-quality development of the university and the school.

Bai Chong-En, dean of Tsinghua SEM, reported to the advisory board on the progress of the school's work over the past year and analyzed opportunities and challenges centered on the theme "Creating



Bai Chong-En speaks at the meeting.

Greater Global Impact". He invited the members to provide thinking and measures on how to lift the school to the next stage of going global. The advisory board members engaged in discussion and idea exchange afterwards.

Attendees included Qian Yingyi, fourth dean of Tsinghua SEM; Raymond T. Dalio, founder, CIO mentor, and member of the Bridgewater Board, Bridgewater Associates, LP; Srikant M. Datar, George F. Baker Professor of Administration and dean of Harvard Business School; Michel Doukeris, global CEO of AB InBev; Victor K. Fung, group chairman of the Fung Group; Gu Binglin, former president of Tsinghua University; Erika H. James, dean of the Wharton School of the University of Pennsylvania; Richard Li, founder and chairman of Pacific Century Group; Óscar García Maceiras, CEO of Inditex Group; Sir Andrew Mackenzie, chair of the board of Shell plc; Doug McMillon, president and CEO of Walmart Inc.; Khaldoon Khalifa Al Mubarak, managing director and group CEO of Mubadala Investment Company; Brian L. Roberts, chairman and CEO of Comcast Corporation; Dilhan Pillay SANDRASEGARA, executive director and CEO of Temasek Holdings (Private) Limited and Temasek International Pte. Ltd; Stephen A.

Schwarzman, chairman, CEO, and co-founder of Blackstone; John L. Thornton, fourth chairman of the advisory board (2010-2013), chairman of Redbird Capital Partners and co-chair of the board of Asia Society; Jacob Wallenberg, chairman of the board of Investor AB; Marjorie Yang, chairman and CEO of Esquel Group; Zhao Chunjun, second dean of Tsinghua SEM; Oliver Zipse, chairman of the board of management of BMW AG, Liu Mingkang and Yang Bin, vice president of Tsinghua University. Members of the Tsinghua SEM Joint Committee of Party and Administration were present.

Evan G. Greenberg, chairman and CEO of Chubb Limited and Chubb Group; Sir Andrew Mackenzie, Óscar García Maceiras, Victor K. Fung, Marjorie Yang, Oliver Zipse, Dilhan Pillay SANDRASEGARA and John L. Thornton lectured in the Tsinghua SEM classrooms and interacted with students from various programs during the meeting.

The Tsinghua SEM Advisory Board was established in October 2000 and is composed of prominent business executives, business school deans, renowned scholars and experts from both domestic and international arenas, including Nobel laureates in economics. Zhu Rongji, first



The 2024 Tsinghua SEM Advisory Board meeting



Tsinghua SEM Advisory Board members pose for a group photo.

dean of Tsinghua SEM, serves as the founding honorary chairman of the advisory board. China's former vice president Wang Qishan is the honorary chairman now. The board's mission is to strengthen connections between Tsinghua

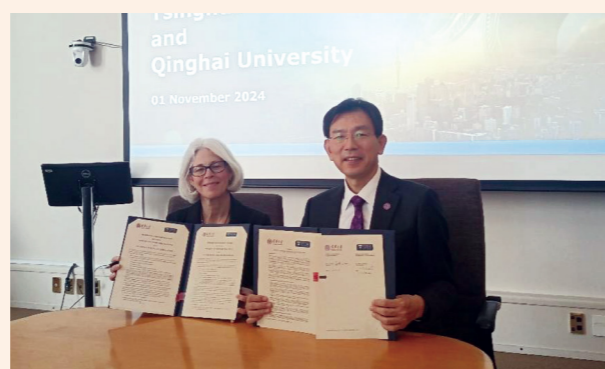
SEM and various sectors globally, to enhance its teaching and research capacities, and to support its journey towards becoming a world-class school of economics and management.

Li Luming leads delegation to New Zealand to strengthen educational cooperation

Tsinghua University President Li Luming recently led a delegation to New Zealand, signing cooperation agreements with the University of Auckland and visiting the Chinese Consulate General in Auckland.

On November 1, Li Luming visited the University of Auckland and met with Vice-Chancellor Dawn Freshwater.

Li Luming introduced the latest developments at Tsinghua University in areas such as talent cultivation and scientific research innovation. He stated that education, science and technology,



Li Luming and Dawn Freshwater sign cooperation agreements.

and talent are the fundamental and strategic pillars supporting China's path to modernization. Tsinghua University places great emphasis on cultivating innovative talents and is actively exploring frontier technological fields such as artificial intelligence, promoting the integration of AI into education and teaching, continuously implementing a global strategy, and enhancing its internationalization level. Li expressed the hope that the signing of the cooperation agreement would serve as an opportunity for both parties to further deepen their collaboration, jointly contributing the wisdom and strength of higher education institutions to the promotion of building a community with a shared future for mankind.

Freshwater welcomed President Li Luming and his delegation. She noted that the University of Auckland and Tsinghua University have maintained a long-standing friendship and have carried out productive collaborations. As the global and educational landscapes undergo significant changes, universities have an important mission. She anticipates further cooperation between the two universities in areas such as talent cultivation and scientific research.

Li Luming and Dawn Freshwater signed a Memorandum of Understanding and a student

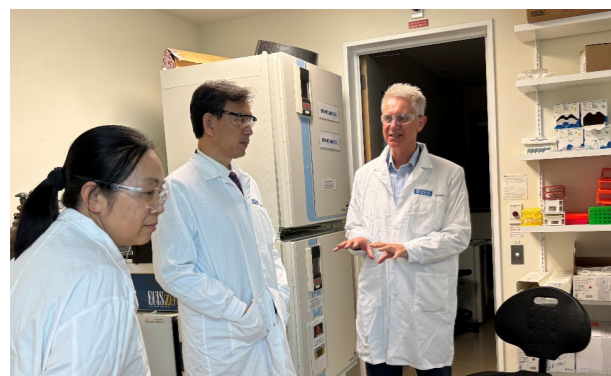


Li Luming, Shi Yuanchun, and Dawn Freshwater sign a Memorandum of Understanding on cooperation.

exchange agreement. Professor Gary Brierley from the University of Auckland presented the achievements of the Tsinghua-Qinghai-Auckland "Three Brothers" Project, involving Tsinghua University, Qinghai University, and the University of Auckland. Li Luming, Dawn Freshwater, and Qinghai University President Shi Yuanchun held in-depth discussions on trilateral cooperation and signed a Memorandum of Understanding for a new round of collaborations. Erik Lithander, deputy vice-chancellor strategic engagement, Frank Bloomfield, deputy vice-chancellor research



Meeting between Tsinghua University and the University of Auckland



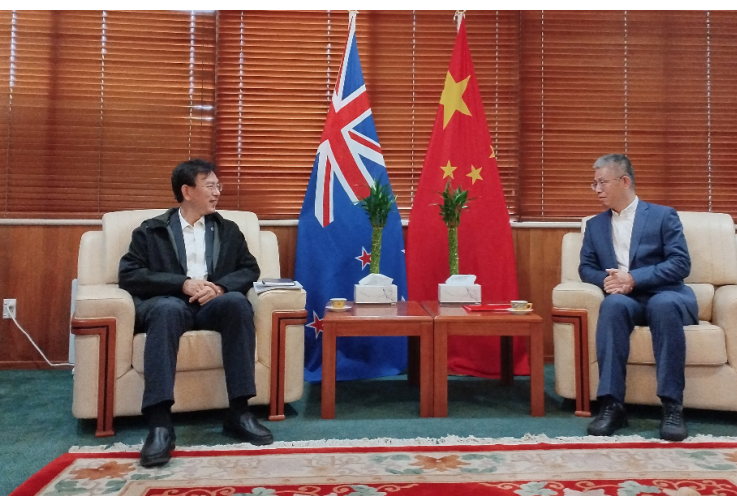
Visit to the Maurice Wilkins Centre

and innovation, as well as relevant professors and department heads from the University of Auckland, attended the meeting.

During his visit to the University of Auckland, Li Luming also visited the Maurice Wilkins Centre, where he held in-depth discussions with Professor Rod Dunbar, scientific director of the Center, and toured the laboratory facilities. In commemoration of the friendship and cooperation between the two universities, the University of Auckland planted a tree in the name of Tsinghua University at New Zealand's Ed Hillary Hope Reserve.

Li Luming and his delegation visited the Chinese Consulate-General in Auckland, where he held discussions with Acting Consul General Lei Zhen. Li Luming delivered a keynote report titled "Building a Leading Country in Education and International Cooperation". He discussed Tsinghua's practice of deeply learning and implementing the spirit of the third plenary session of the 20th Central Committee of the Communist Party of China, as well as the achievements in promoting the University's high-quality development through comprehensively deepening reforms.

On November 2, Li Luming met with Tsinghua alumni representatives in New Zealand. On behalf of Tsinghua University, he expressed gratitude to the alumni for their care and support for their alma mater. Following an introduction to the University's recent reforms and development, he encouraged participants to contribute ideas and suggestions for advancing a new phase of high-quality development at Tsinghua University as a world-class university with Chinese characteristics. He emphasized the importance of making a positive contribution to advancing China's path to modernization and enhancing the common well-being of humanity. The alumni shared their personal development experiences and life insights, expressing their enduring affection for Tsinghua.



Visit to the Chinese Consulate General in Auckland



Group photo with Tsinghua alumni in New Zealand

4th World Health Forum explores role of AI in global health



Opening ceremony

The Fourth World Health Forum, hosted by Tsinghua University, commenced in Beijing on Saturday with the theme, "AI Empowers the Future of Health."

The two-day event has brought together over 200 experts, government officials, leaders from international organizations, and industry figures from 18 countries and regions to share insights, explore trends, and discuss how AI can drive innovation in public health, improve global health standards, and create a healthier future.

He Wei, vice chairperson of the Standing Committee of the 14th National People's Congress and chairperson of the Central Committee of the Chinese Peasants and Workers Democratic Party, highlighted China's advancements in integrating AI and information technology to expand high-quality healthcare access to rural areas through "smart and remote" healthcare models. He noted that AI is essential for addressing challenges in healthcare, but collaboration between scientists and policymakers is necessary to ensure the responsible application of these technologies on a global scale.

At the opening ceremony, Qiu Yong, secretary of the CPC Tsinghua University Committee and member of the Chinese Academy of Sciences, emphasized the University's commitment to advancing AI research and its role in promoting human health and well-being. He underscored the responsibility of universities as guardians and inheritors of human civilization, contributing to health and social progress through talent cultivation and technological innovation.

"In the age of AI, universities must continue to cultivate outstanding health talent, push forward



He Wei addresses the forum



Qiu Yong addresses the forum

scientific innovation for humanity, and actively engage in global health governance,” Qiu said.

Shen Hongbing, vice-minister of the National Health Commission and director of the National Administration of Disease Prevention and Control, recognized the forum’s timely focus on AI in health, noting its significant real-world implications for advancing healthcare. He emphasized that the forum creates an important platform for exploring how AI and digital technologies can further the development of public health systems worldwide, and it presents new directions for global health collaboration.

Margaret Chan, founding dean of Vanke School of Public Health at Tsinghua University and emeritus director general of the World Health Organization, addressed the transformative potential of AI in public health, especially in addressing challenges like obesity.

She stressed the need to bridge the gap between knowledge and action, highlighting that while AI



Shen Hongbin addresses the forum



Margaret Chan addresses the forum

offers tremendous insights, progress depends on addressing systemic issues like unhealthy food environments and social inequities.

Chan also emphasized that AI must be deployed ethically and inclusively. “AI has the potential to bridge gaps in healthcare access, but only if we design systems that are inclusive and fair,” Chan said.

Wang Shi, honorary chairman and founder of Vanke Co., Ltd., focused on the connection between climate change and human health, discussing the impacts of pollution, food and water security, and mental health. He introduced his carbon-neutral community model, promoting sustainable, healthy lifestyles, and called for global cooperation to address climate and health challenges through AI and interdisciplinary research.

The two-day event includes an opening and closing ceremony, a plenary session, three focused sessions, and a youth forum. Sessions cover topics such as “The Application of AI in Major Diseases



Wang Shi addresses the forum



Liang Wannian, executive vice dean of Vanke School of Public Health at Tsinghua University and dean of the Institute for Healthy China at Tsinghua University, presides over the opening ceremony

Prevention and Control,” “AI Empowers Cultivation of Interdisciplinary Public Health Talents,” and “Advancing Modern Healthcare Governance through AI.” The Youth Forum, titled “Technology Empowering Health: The Power of Youth,” highlights the role of young people in driving health and technology innovation.

Launched by Tsinghua University in 2021, the World Health Forum aims to facilitate dialogue, foster academic exchange, and strengthen capacity-building for global health governance, aligned with the United Nations 2030 Agenda for Sustainable Development and the vision of building a global community of health for all.

Tsinghua President Li Luming leads delegation to Australia, strengthens academic ties

Tsinghua University President Li Luming led a delegation to Australia from November 3 to 6, strengthening academic ties and expanding collaborative engagement.

The delegation visited key Australian universities, including the University of New South Wales (UNSW), the University of Sydney (USYD), the Australian National University (ANU), the University of Melbourne, and Monash University. They also visited the Chinese Embassy in Australia and engaged in discussions with Tsinghua alumni based in Australia.

During the visit to the University of New South Wales on November 4, Li met UNSW Vice-Chancellor and President Attila Brungs.

Li Luming provided an overview of Tsinghua University’s latest developments in talent cultivation and technological innovation. He emphasized Tsinghua’s commitment to society and future, exploring the AI-empowered education and teaching, and actively pursuing international collaborations. Noting the strong foundation of joint research and talent training between Tsinghua and UNSW, he expressed hope for



Li Luming meets with UNSW Vice-Chancellor and President Attila Brungs.

further strengthening cooperation in the future, contributing to the advancement of global higher education and technological progress.

Attila Brungs emphasized the University of New South Wales’ commitment to its partnership with Tsinghua University. He highlighted the numerous joint research outcomes already achieved and



Li Luming visits the City Futures Research Centre at UNSW.

expressed optimism about deepening collaboration to yield even greater results in the future.

Li Luming also toured UNSW's City Futures Research Centre and Michael Crouch Innovation Centre.

On the same day, Li Luming led his delegation to the University of Sydney, where they met with USYD Vice-Chancellor and President Mark Scott.

Li Luming outlined Tsinghua University's recent progress and initiatives in teaching and research. He emphasized the essential role that faculty and students play in fostering international collaboration. Expressing hope for strengthening cooperation with the University of Sydney in talent exchange and research innovation, Li noted that such efforts would actively contribute to the growth of both institutions and the shared goal of building a community with a shared future for mankind.

Mark Scott emphasized the University of Sydney's commitment to international education and research partnerships. He highlighted the long-standing, friendly collaboration between the two universities. He mentioned his upcoming visit to Tsinghua and looks forward to strengthening multidisciplinary cooperation in the future.

The two sides engaged in in-depth discussions on academic development and collaborative opportunities in fields such as architecture, computer science, and medicine. Following the meeting, Li Luming and his delegation visited the University of Sydney's research laboratories, and explored the university's latest innovation in biomedical research.

On November 5, Li Luming and his delegation visited the Australian National University, where they met with ANU Vice-Chancellor and President Genevieve Bell.

Li Luming shared Tsinghua University's initiatives in developing students' global competence, emphasizing its commitment to nurturing top-tier, innovative talents. He noted that Tsinghua has been exploring the integration of AI into education and teaching, and expressed hope for deepening collaboration with ANU, particularly in areas like climate change and AI empowering education. Li underscored that such partnerships could enhance both institutions' contributions to addressing global challenges.

Genevieve Bell provided an overview of the Australian National University's recent developments. She expressed her anticipation for continued collaboration with Tsinghua University in



Visit to the research laboratories at USYD.

various forms, particularly in areas such as climate change, energy, and sustainable development.

Li Luming and his delegation also toured the Research school of Chemistry at the Australian National University.

On November 6, Li Luming and his delegation visited the University of Melbourne, where they met with Vice-Chancellor Duncan Maskell. The delegation also toured the university's Science Gallery and the Faculty of Engineering and Information Technology.

Li Luming provided an update on Tsinghua University's latest advancements in AI empowering education and teaching. He emphasized the strong foundation for cooperation between the two universities, particularly in the field of medical sciences. With the upcoming 30th anniversary of

the cooperative partnership between Tsinghua University and the University of Melbourne in 2025, Li anticipated further enhancing faculty and student exchanges, as well as research collaboration. He highlighted the importance of joint efforts in exploring the future impact of AI on education and other significant issues, as well as contributing to the intellectual and innovative strength of both universities.

Duncan Maskell reflected on the long-standing, friendly cooperation between the University of Melbourne and Tsinghua University. He emphasized the University of Melbourne's commitment to the partnership and expressed anticipation for further strengthening collaboration across various fields, aiming to achieve even more fruitful outcomes in the future.

On November 6, Li Luming and his delegation visited Monash University, where they met with Vice-Chancellor and President Sharon Pickering. The delegation also toured the Monash Innovation Labs.

Li Luming emphasized the importance of high-level international collaboration in university talent cultivation. In addressing global challenges such as climate change, AI ethics, and environmental protection, he expressed hope for strengthened cooperation between the two institutions in areas such as student exchange, joint research, and online education. Li highlighted the potential for exploring the future of AI empowering education, with the aim of achieving greater outcomes.

Sharon Pickering introduced Monash University's developments in medical disciplines and internationalization efforts. She said that Monash



Li Luming visits the Michael Crouch Innovation Centre at UNSW.



Li Luming meets USYD Vice-Chancellor and President Mark Scott.



Li Luming visits a lab at ANU Research School of Chemistry.

Li Luming cellor Genevieve Bell.



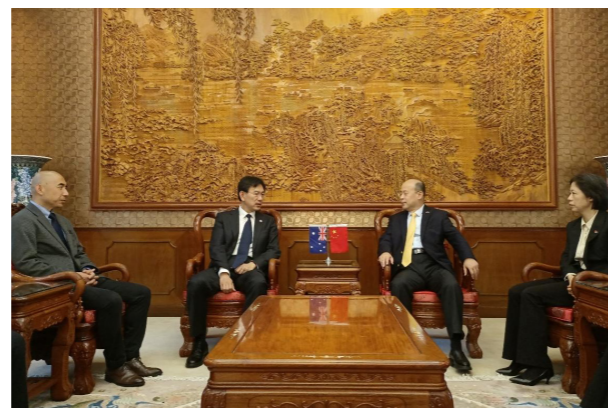
A meeting with the University of Melbourne

University adheres to an open approach to education and has a solid research foundation in the field of medicine. Pickering expressed willingness to strengthen cooperation with Tsinghua University and highlighted the potential for advancing progress in areas such as healthcare and carbon neutrality, contributing university expertise to address global challenges like public health and climate change.

During their visit to Australia, Li Luming and his delegation visited the Chinese Embassy in Australia, where they engaged in an in-depth discussion with the Chinese Ambassador to Australia Xiao Qian. Li provided an update on Tsinghua University's latest developments and its collaborations with Australian universities. Xiao highlighted the ongoing cooperation and exchanges between China and Australia in the field of education.



Li Luming meets with Monash University Vice-Chancellor and President Sharon Pickering.



Li Luming communicates with Chinese Ambassador to Australia

During the visit, Li Luming held a discussion with representatives of Tsinghua alumni in Australia, providing an update on the university's recent developments.

Li expressed his gratitude to the alumni for their ongoing support and care for their alma mater, and encouraged them to continue contributing to the university's growth and the prosperity of the nation. Alumni shared updates on the alumni association's activities and expressed their commitment to actively contributing to Tsinghua's development.



A group photo with Tsinghua alumni in Australia.

Tsinghua President Li Luming visits Cambodia, promotes educational collaboration

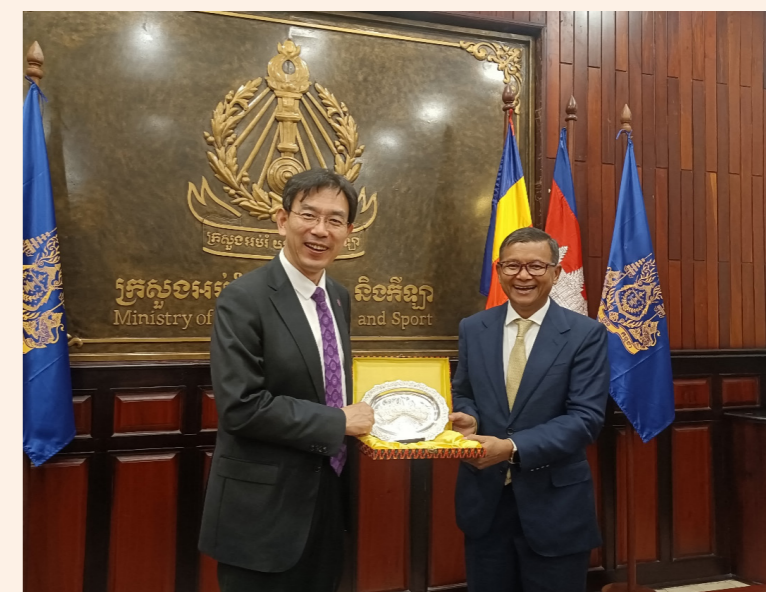
Tsinghua University President Li Luming led a delegation to Cambodia to promote educational collaboration on November 7.

The delegation visited the Cambodia Ministry of Education, Youth and Sport and the Royal University of Phnom Penh (RUPP), and met with Tsinghua alumni living in Cambodia.

During his visit, Li Luming met with Hang Chuon Naron, Deputy Prime Minister and Minister of Education, Youth and Sport and Vice-chairman of the Supreme National Economic Council (SNEC) of Cambodia.

Li provided an update on developments at Tsinghua University, highlighting its commitment to cultivating top-level talent, with alumni in Cambodia making outstanding contributions to the development of Cambodia. He emphasized that educational cooperation is a key pillar in strengthening and deepening the China-Cambodia friendship. Tsinghua values its exchanges with Cambodia and will leverage its strengths in education and research to offer training opportunities for faculty from Cambodian universities. The University also welcomes more Cambodian students to pursue advanced studies at Tsinghua to support China-Cambodia educational cooperation, talent cultivation and the continued growth of friendly relations between China and Cambodia.

Naron welcomed Li and his delegation, and expressed sincere congratulations on China's recent development achievements. He noted that Tsinghua is a world-class university that has attained remarkable success in talent cultivation. He highlighted the 2000-year history of friendly exchanges between China and Cambodia, now strengthened by the comprehensive strategic cooperative partnership. He introduced the development of Cambodia's education, youth, and sports sectors, and looks forward to further advancing various forms of collaboration with Tsinghua. Specifically, Cambodia aims to send more students to study at Tsinghua University, thereby enhancing Cambodia's higher education and talent cultivation capabilities.

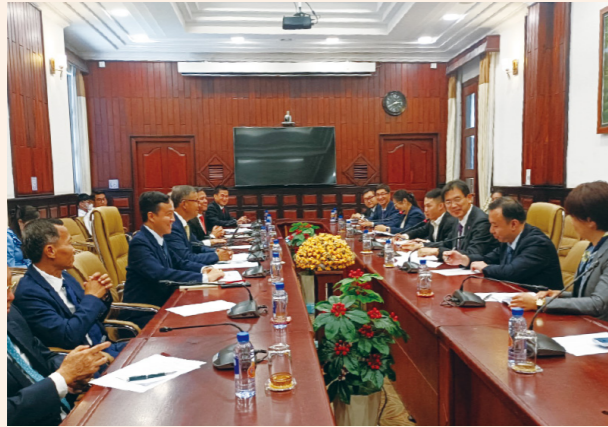


Li Luming meets with Hang Chuon Naron, Minister of Education, Youth and Sport and SNEC Vice-chairman of Cambodia.

Li Luming and his delegation visited the Royal University of Phnom Penh (RUPP), where they met with Rector Chet Chealy and renewed a Memorandum of Understanding, reaffirming their commitment to collaboration.

Li reflected on the history of friendly exchanges between Tsinghua and RUPP, noting the strong foundation of cooperation between the two universities. He expressed hope for deeper collaboration in talent cultivation and research innovation, emphasizing that these efforts would contribute to strengthening the friendship between China and Cambodia and support their shared development goals through academic insight and expertise.

Chet welcomed Li and his delegation, providing an overview of RUPP's history and academic planning. He affirmed the University's commitment to advancing collaboration with Tsinghua University, working together to support the growth and prosperity of education at both institutions and in both countries.



A meeting during the Tsinghua delegation's visit.

During his visit, Li met with Tsinghua alumni living and working in Cambodia, where he shared the University's recent achievements and expressed gratitude for their ongoing support and dedication. He commended the alumni for their outstanding career accomplishments and for their active contributions to Cambodia's development and China-Cambodia relations.

Li noted that Tsinghua is continuing to implement the guiding principles of the Third Plenary Session of the 20th Central Committee of the Communist



Li Luming signs a Memorandum of Understanding between Tsinghua University and the Royal University of Phnom Penh.

Party of China (CPC), focusing on further deepening reforms and promoting high-quality development of a world-class university with Chinese characteristics. He encouraged alumni to continue supporting the University's growth and to further contribute to strengthening China-Cambodia friendship and cooperation. Alumni shared updates on their personal and professional growth and expressed deep affection for their alma mater.



Tsinghua alumni in Cambodia.

Tsinghua SPPM holds 2024 Global Advisory Board Meeting

Tsinghua University School of Public Policy and Management (Tsinghua SPPM) held its 2024 Global Advisory Board Meeting (GAB Meeting) at Tsinghua University on November 9. With an emphasis on "Public Governance and Global Cooperation in the Age of Intelligence," the GAB Meeting featured an opening ceremony, closed-door meeting and Modern Governance Forum. The GAB meeting was held in a combination of online and offline formats.

Gu Shengzu, chief expert of the Global Development Institute, Wuhan University, and vice chairman of the 13th National Committee of the Chinese People's Political Consultative Conference, attended the opening ceremony and delivered a keynote speech. Wan Gang, president of the China Association for Science and Technology and vice chairman of the 13th National Committee of the Chinese People's Political Consultative Conference, attended the Modern Governance Forum and delivered a keynote speech. Qiu Yong, secretary of the CPC Tsinghua University Committee and member of the Chinese Academy of Sciences, attended the opening ceremony as GAB member and delivered welcome remarks.

In his keynote speech, "Global Governance and Cooperation in the Age of Intelligence to Address the Climate Crisis," Gu Shengzu emphasized the strategic role of AI in global climate governance and highlighted the need to balance development, governance, innovation, and safety. He urged accelerated green technology innovation,



Gu Shengzu delivers a keynote speech



Wan Gang delivers a keynote speech

multilateral dialogue, and fulfillment of the Paris Agreement's emissions targets to close the climate governance gap. Gu also called on developed nations to assume greater climate responsibilities and advocated for integrated reforms in education, technology, and talent development to support climate action and carbon neutrality goals.

In his keynote, "AI for New Energy Vehicles," Wan Gang discussed the advancement of new energy vehicles (NEVs), supported by coordinated infrastructure and renewable energy growth. He highlighted that with AI, NEVs are evolving toward electrification, intelligence, low carbon, safety, and efficiency. Wan outlined the intelligent connected NEV system, emphasizing vehicle-road-cloud integration and generative AI solutions based on large driving models (LDM). He stressed that intelligent connected NEVs are key to global automotive transformation, calling for deeper collaboration to achieve a shared vision of green, low-carbon, and smart mobility.

In his address, Qiu Yong highlighted the Advisory Board's pivotal role over the past five years in guiding the development of Tsinghua SPPM. He emphasized that the rapid progress of AI presents significant opportunities alongside unpredictable risks and challenges, making the forum's theme, "Public Governance and Global Cooperation in the Age of Intelligence," both timely and relevant. As a leading institution in scientific and technological



Qiu Yong delivers welcome remarks

advancement, Tsinghua aims to drive innovation in AI theory and technology while actively promoting a sound global AI governance framework. Qiu reaffirmed Tsinghua's commitment to supporting the GAB's work, encouraging members to share insights and recommendations to help the school advance as a world-class public administration institution.

Peng Zongchao, professor of Tsinghua SPPM and secretary of the CPC Tsinghua SPPM Committee, moderated the opening ceremony. Robert Orr, dean of the School of Public Policy at the University of Maryland, led the closed-door meeting. Zhu Xufeng, dean of Tsinghua SPPM, presented the school's 2024 Work Report.

Domestic guests or GAB members including Jiang Xiaojuan, professor of the University of

Chinese Academy of Social Sciences and former deputy secretary-general of the State Council, PRC; Wu Hongbo, special representative of the Chinese Government on European Affairs and former UN under-secretary-general; Tam Yiu-chung, vice president of the Chinese Association of Hong Kong and Macao Studies; Yu Jianxing, chairman of Zhejiang Gongshang University; Yang Bin, vice president of Tsinghua University; Yan Jirong, dean of the School of Government at Peking University; Yan Jinming, dean of the School of Public Administration and Policy, Renmin University of China; along with international GAB members including John L. Thornton, chairman of Redbird Capital Partners and co-chair of the Asia Society Board; Irina Bokova, former director-general of UNESCO; Aiji Tanaka, president of Waseda University; Robert Orr, dean of the School of Public Policy at University of Maryland; Ngaire Woods, founding dean of the Blavatnik School of Government at Oxford University; Danny Quah, dean of the Lee Kuan Yew School of Public Policy at the National University of Singapore attended the GAB meeting and delivered speeches. They reflected on the past year's work at the school and discussed the forum's theme, offering strategic suggestions on how to carry out public administration research and teaching in the era of AI for the school's development. Relevant officials from Tsinghua University, leaders from Tsinghua SPPM, along with faculty and student representatives, also attended the meeting.



Group photo

Tsinghua University hosts 2024 Modern Governance Forum

On the evening of November 9, Tsinghua University hosted the 2024 Modern Governance Forum. As part of the 2024 Global Advisory Board Meeting (GAB Meeting) series for Tsinghua University School of Public Policy and Management (Tsinghua SPPM), this forum centered on the theme "Public Governance and Global Cooperation in the Age of Intelligence."

Wan Gang, president of the China Association for Science and Technology and vice-chairman of the 13th National Committee of the Chinese People's Political Consultative Conference delivered a keynote speech at the forum. In his keynote, "AI for New Energy Vehicles," Wan discussed the advancement of new energy vehicles (NEVs), supported by coordinated infrastructure and renewable energy growth. He highlighted that with AI, NEVs are evolving toward electrification, intelligence, low carbon, safety, and efficiency. Wan outlined the intelligent connected NEV system, emphasizing vehicle-road-cloud integration and generative AI solutions based on large driving models (LDM). He stressed that intelligent connected NEVs are key to global automotive transformation, calling for deeper collaboration to achieve a shared vision of green, low-carbon, and smart mobility.

Li Luming, president of Tsinghua University and member of the Chinese Academy of Sciences, attended the opening ceremony and delivered welcome remarks. Li welcomed forum participants

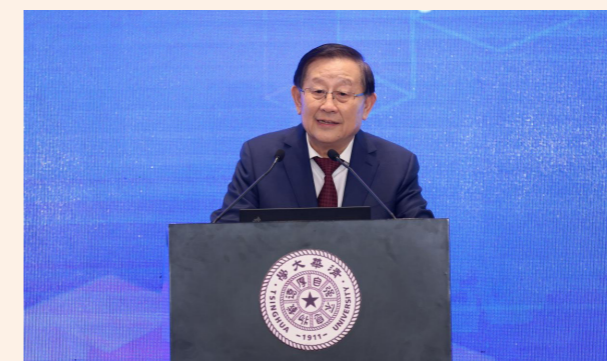


Li Luming delivers welcome remarks

and expressed gratitude for the GAB's support of the university's public administration discipline. He noted that AI is a driving force in the latest technological and industrial transformation wave. Tsinghua has embraced an open approach to advancing AI, promoting its integration into education, and proactively addressing the risks and challenges of AI governance. Li hoped that attendees would share insights to foster consensus, contributing to Tsinghua's AI innovation, effective utilization, and sound governance, and striving to push public governance and global cooperation in the age of intelligence to a new level.

Li Baorong, president of the Chinese Public Administration Society attended the opening ceremony and delivered remark. In his address, "Insights on National Governance from Institutional Development," Li emphasized that institutions are central to national governance, underpinning both capacity and effectiveness. Reflecting on over 40 years of China's institutional development, he noted that robust institutions have consistently driven economic and social progress, enhanced government effectiveness, and energized society. As AI advances, he pledged that public administration scholars would work closely with the society to advance research on public governance and global cooperation in the age of intelligence.

The opening ceremony was moderated by Xue Lan, distinguished professor of Arts, Humanities, and Social Sciences at Tsinghua University.



Wan Gang delivers a keynote speech



Li Baorong delivers remarks



Xue Lan moderates the opening ceremony

Following the opening ceremony, two sessions addressed key themes. The first session of the forum, "Applications and Challenges of Artificial Intelligence in Public Governance," was moderated by Peng Zongchao, professor of Tsinghua SPPM and secretary of the CPC Tsinghua SPPM Committee.

Jiang Xiaojuan, professor of the University of Chinese Academy of Social Sciences and former deputy secretary-general of the State Council, PRC, attended the forum and presented a keynote speech. In her keynote, "Reuse of Public Data and Public Governance Efficiency in the Digital Age," Jiang emphasized that data reusability is a key feature that can effectively drive digital and intelligent transformation across sectors. She highlighted public data's role as a public good with vast potential for sharing, openness, and development. With the goal of enhancing data reuse efficiency, it is essential to handle the relationship between the opening, sharing, development, and utilization of public data properly.



Jiang Xiaojuan delivers a keynote speech



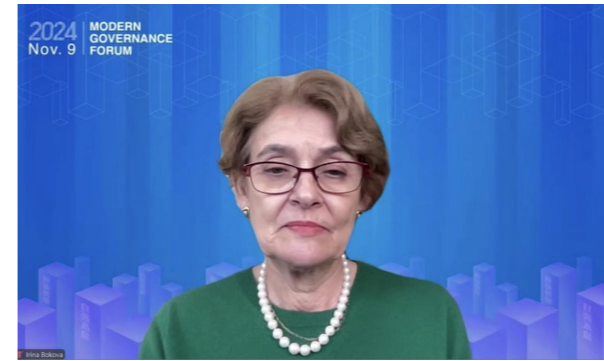
Peng Zongchao moderates the first session

Focusing on serving the overall public interest and addressing prominent issues of inaccessible or unusable data, continuous innovation should be pursued to ensure effective reuse of public data and unleash its enormous potential.

Other esteemed speakers included Yu Jianxing, chairman of Zhejiang Gongshang University, and Danny Quah, dean of the Lee Kuan Yew School of Public Policy, National University of Singapore. These experts engaged in in-depth discussions on the potential challenges of AI and its public governance.

The second session of the forum, "Global Governance and Cooperation in the Age of Intelligence," was moderated by Zhu Xufeng, dean of Tsinghua SPPM.

Irina Bokova, former director-general of UNESCO attended the forum and presented a keynote speech. In her keynote, "AI and Ethics: What impact for Innovation in Education," Bokova highlighted



Irina Bokova delivers a keynote speech

AI's dual impact on employment and the need for universities to prioritize lifelong learning. She emphasized that education, a fundamental human activity rooted in social interaction, should empower young people with lifelong learning and adaptability skills. Bokova also stressed the importance of preserving linguistic diversity, as AI risks amplifying fragmentation and inequality. She called on educators and policymakers to collaborate in developing ethical frameworks to guide the design, deployment, and use of AI in education.

Prominent speakers included Tam Yiu-chung, vice president of the Chinese Association of Hong Kong & Macao Studies, Zheng Yongnian, dean and chair professor of the School of Public Policy,

the Chinese University of Hong Kong, Shenzhen, and Yan Jinming, dean of the School of Public Administration and Policy, Renmin University of China. Together, they explored innovative approaches to global governance and cooperation.

In concluding remarks, Dean Zhu Xufeng expressed appreciation for the contributions made by attending experts, scholars, and guests.

The Modern Governance Forum was supported by the Chinese Public Administration Society and organized by Tsinghua SPPM. The event aimed to advance public governance and global cooperation in the age of intelligence by fostering international exchange and providing intellectual support and policy insights.



Zhu Xufeng addresses the forum



Group photo

Tsinghua deepens collaboration with UK institutions



Qiu Yong meets with Deborah Prentice, Vice-Chancellor of Cambridge.

From November 13 to 15, Qiu Yong, Secretary of the CPC Tsinghua University Committee and Chairperson of the University Council, led a delegation from Tsinghua University to the United Kingdom. The visit focused on strengthening collaboration with leading UK universities and advancing partnerships in education, science, and humanities. During the trip, Qiu attended the Annual Conference of the UK-China Humanities Alliance for Higher Education and engaged in discussions with leaders from the University of Cambridge, University College London (UCL), London School of Economics and Political Science (LSE), and the University of Exeter.

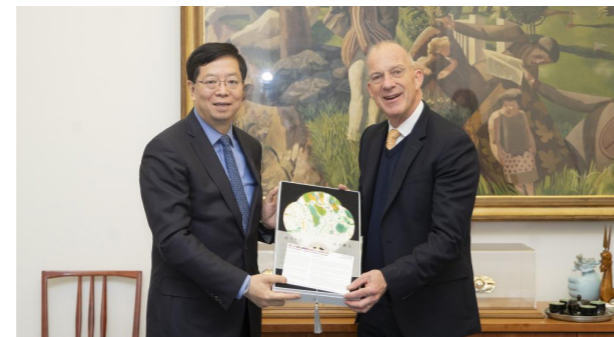
Qiu and the Tsinghua delegation visited the University of Cambridge on November 14, where they held a comprehensive meeting with Deborah Prentice, Vice-Chancellor of Cambridge. During the

discussion, Qiu outlined Tsinghua's initiatives in enhancing its college system to cultivate innovative and exceptional talents, as well as its efforts to implement a global strategy aimed at broadening the university's international vision and influence. He emphasized the long-standing and fruitful relationship between Tsinghua and Cambridge, highlighting the extensive collaboration in areas such as talent development, scientific research, and faculty-student exchanges, which have established a strong foundation for advancing bilateral cooperation in both science and the humanities. Qiu also expressed optimism for the future, proposing that the two universities continue to deepen their partnership by working together to drive educational transformation, promote technological innovation, and integrate social development. In response, Professor Prentice commended the achievements of their collaboration and expressed her desire to strengthen communication between the two institutions, particularly in fostering connections among young people to promote mutual understanding and friendship while addressing global challenges collaboratively.

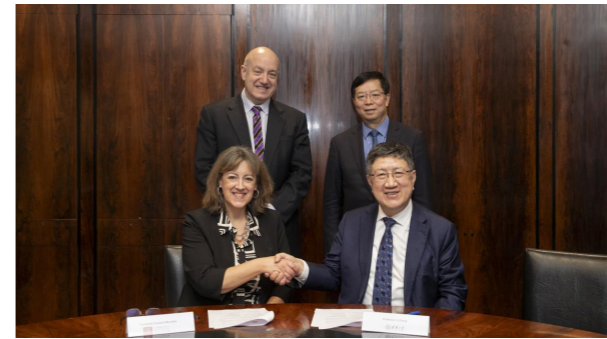
The delegation also toured the Cavendish Laboratory, gaining insights into Cambridge's pioneering research at the forefront of science and innovation. They then visited the Lucy Cavendish College, where they met with Dame Madeleine Atkins, President of Lucy Cavendish College. The visit culminated in the signing of a Memorandum



Qiu Yong takes a group photo with Dame Madeleine Atkins and others.



Qiu Yong poses for a photo with Michael Spence, President & Provost of University College London.



Tsinghua University and the London School of Economics and Political Science sign a Memorandum of Understanding.

of Understanding (MoU) between Tsinghua's Yinghua Scholars Program and Zhili College with Lucy Cavendish College, marking a significant step in strengthening academic cooperation.

During their visit to the UK, Qiu and the delegation also engaged with the leaders of UCL, LSE, and the University of Exeter to discuss deepening collaboration in areas such as talent development, research innovation, medical education, and sustainable development. A MoU was signed with LSE to advance joint efforts on climate change and sustainable development, reflecting the shared commitment to tackling global challenges. With the University of Exeter, an agreement was formalized to establish the Tsinghua-Exeter Joint Institute for Global Humanities, with Qiu and Lisa Roberts, President and Vice-Chancellor of Exeter, unveiling the new center together. Additionally, the first-phase results of the Digital Archive of the Middle East (DAME) Project, a collaborative project between Tsinghua and the University of Exeter, were delivered, marking a significant milestone



Tsinghua-Exeter Joint Institute for Global Humanities Signing Ceremony

in their partnership. These efforts underscore Tsinghua's dedication to fostering multidisciplinary, cross-border collaboration to address pressing global issues.

At the 8th Annual Conference of the UK-China Humanities Alliance for Higher Education, held at UCL on November 15, Qiu highlighted the vital role of humanities in fostering mutual understanding, trust, and global progress. He emphasized that higher education is not only about nurturing talent and preserving culture but also about driving social transformation and shaping the future. Themed "Worlds and Worldviews," this year's conference explored Comparative and World Literature, Arts and Humanities Education from Different Positionalities, and Environmental Humanities, including notions of planetarity and different ontologies. Qiu noted that these dialogues allow scholars from diverse backgrounds to share insights, tackle academic challenges, and inspire innovative thinking, reinforcing the alliance's role as a bridge for collaboration and understanding between China and the UK.

As part of their engagements in the UK, Qiu and the delegation visited the Confucius Institute for Business London (CIBL), highlighting its role in fostering cultural exchange. He also met with Tsinghua alumni in the UK to discuss their contributions to China-UK relations and visited the Embassy of the People's Republic of China in the UK, where he exchanged views with Ambassador Zheng Zeguog on expanding Tsinghua's collaborations with various sectors in the UK. Prominent representatives from Tsinghua participated in the visit, reflecting the university's dedication to fostering meaningful global connections.



Qiu Yong attended the Annual Conference of the UK-China Humanities Alliance for Higher Education and witnessed the launch of a new book.

From Beijing to Milan: Tsinghua advances global collaboration in arts and design



Qiu Yong delivers welcome remarks

Qiu Yong, secretary of the CPC Tsinghua University Committee and chairperson of the University Council, led a delegation to Italy to attend the 2024 Tsinghua International Conference on Art & Design Education (ICADE 2024), and visited the China-Italy Design Innovation Hub of Tsinghua University on November 16.

Hosted by Tsinghua University and organized by the Academy of Arts & Design, the Tsinghua Arts and Design Institute in Milan, and the China-Italy Design Innovation Hub, the ICADE 2024 opened in Milan on Nov 16. Welcome addresses and remarks were given by Qiu Yong; Liu Kan, Chinese Consul General in Milan; Christoph Lindner, president and vice-chancellor of the Royal College of Art; and Giuliano Noci, vice-rector of Politecnico di Milano.



Liu Kan delivers welcome remarks

Qiu emphasized the role of cultural and educational exchanges in strengthening the friendship between China and Italy. He underscored Tsinghua's commitment to advancing cutting-edge disciplines, using aesthetics as a medium to promote the integration of art, science, and technology. As an important platform for promoting cross-cultural and interdisciplinary dialogue and exchange in art and design, this conference in Milan plays a pivotal role in deepening cooperation between Western and Chinese art and design education while advancing the global development of these fields. He anticipates collaborative explorations on how the convergence of art and technology can spark creativity, contributing to innovations in both technology and culture.

Liu Kan highlighted the growing ties between China and Italy across diverse sectors, including trade, science and technology, culture, and education. He cited the partnership between Tsinghua and Politecnico di Milano as a model of successful educational collaborations between the two nations. He expressed hopes that this conference would inspire further integration of diverse cultural perspectives, propelling people-to-people and cultural exchanges between China and Italy to new heights.

Christoph Lindner thanked Tsinghua University for creating a platform to enhance interaction and



Christoph Lindner delivers welcome remarks



Giuliano Noci delivers video address

understanding among universities. He encouraged participants to unleash limitless imagination and innovation through the collaboration of ideas and work together to shape the future transformation in global art and design education.

Giuliano Noci stated that Tsinghua University is an important strategic partner for Politecnico di Milano. He expressed his desire to further strengthen the collaborative foundation and discover additional avenues for cooperation, working together to lead the innovative evolution and reform of higher education in response to emerging challenges.

With the theme of "New Dimensions: Imagination Beyond the Horizon," the two-day conference offered a comprehensive and vivid display of the

latest achievements in Chinese art and design education. Bringing together over 150 experts and scholars from more than 50 art and design institutions across 14 countries, the event aims to explore innovative development of art and design education in the era of artificial intelligence. The "New Dimensions: International Students' Work Exhibition," curated by the Academy of Arts & Design, Tsinghua University, will be showcased at the China-Italy Design Innovation Hub from November 15 to 18.

Prior to the conference, Qiu and the Tsinghua delegation visited the China-Italy Design Innovation Hub, a key component of Tsinghua's global strategy and its first educational and research base in Europe. The Hub aims to foster a thriving ecosystem for design innovation and to cultivate top-notch innovative talents with global competencies. Qiu emphasized the importance of long-term planning and strengthening initiatives that push forward the innovative development of cultural creativity and design services, calling for more profound integration with related industries, and serving as a vital link and standout representation of the China-Italy cultural collaboration.

The event was attended by leaders from the Academy of Arts & Design, the Office of International Affairs, and Tsinghua University Education Foundation among other related departments.



Qiu Yong visits the exhibition of international students' work at the China-Italy Design Innovation Hub

Qiu Yong leads delegation to Brazil opening a new chapter in exchange & cooperation



Tsinghua University signed a Memorandum of Understanding with the Federal University of Rio de Janeiro.

In celebration of the 50th anniversary of diplomatic relations between China and Brazil, and coinciding with President Xi's state visit to Brazil, Secretary of the CPC Tsinghua University Committee and Chairperson of the University Council Qiu Yong, led a delegation to Brazil from November 17 to 21. The delegation visited São Paulo, Brasília and Rio de Janeiro, engaged in fruitful exchanges with representatives from various sectors in Brazil, and signed cooperation agreements. Guided by the strategic consensus reached by the two heads of state, Tsinghua University is striving to enhance cooperation with Brazil in the fields of education, research, trade, and people-to-people and cultural exchanges, contributing to building a China-Brazil community with a shared future for a more just world and a more sustainable planet.

During the visit, on behalf of Tsinghua University, Qiu signed a Memorandum of Understanding with the Federal University of Rio de Janeiro for the "China-Latin America Youth Responding to Global Challenges" Program. As one of the 38 bilateral cooperation agreements signed during Xi's visit, this memorandum was included as one of the outcomes of President Xi's state visit to Brazil. The

China-Latin America Youth Responding to Global Challenges Program aims to unite youth from China and Latin America to address challenges in poverty alleviation and other sustainable development areas. This initiative represents Tsinghua University's active role in promoting cultural exchanges and mutual learning among civilizations, as well as a vivid example of using education to contribute to building a China-Brazil community for a more just world and a more sustainable planet.

On November 18, Qiu Yong led a delegation to visit the University of São Paulo, Brazil's first and largest modern university and met with the University's Rector, Carlos Gilberto Carlotti Junior. Qiu Yong emphasized that President Xi Jinping's state visit to Brazil will certainly lead China-Brazil relations into a "new golden 50 years." Universities play an essential role in promoting academic exchanges, the intersection of ideas and cultural integration and should contribute to the long-term stability of bilateral relations. Tsinghua University is eager to deepen cooperation with the University of São Paulo in the fields of architecture, medicine,



Tsinghua University enters a Memorandum of Understanding with the University of São Paulo.



Qiu Yong with Santana, Almeida and other attendees

energy and sustainable development, promoting student and scholar exchanges and jointly creating important landmark achievements. Carlotti said that Tsinghua University is a prestigious institution in China with remarkable achievements in scientific research and innovation. He hopes to communicate and cooperate closely with Tsinghua to expand cultural exchanges and create a substantial joint future. Qiu Yong and Carlotti jointly signed a Memorandum of Understanding between the two universities and witnessed the signing of a Memorandum of Understanding between the School of Architecture, Tsinghua University and Institute of Architecture and Urbanism at the University of São Paulo.

On November 19, Qiu Yong and his delegation visited the Ministry of Education of Brazil. In the presence of Brazil's Minister of Education, Camilo Sobreira de Santana, Tsinghua University signed a Memorandum of Understanding with the Federal University of Ceará. In his remarks, Qiu introduced Tsinghua University's global strategy and its cooperation with Brazilian universities. Qiu said that Tsinghua University looks forward to deepening collaboration in areas such as talent development, joint research, people-to-people and cultural exchange and faculty-student visits, using this agreement as a stepping stone to further the modernization efforts of the two countries with many more high-quality achievements. Santana

noted that the prospects for cooperation between higher education institutions in China and Brazil are vast and Brazil is open to expanding exchanges and cooperation with Tsinghua University and other Chinese universities. Custódio Luís Silva de Almeida, Rector of the Federal University of Ceará, expressed his expectation for cooperation between the two universities and hoped that more Brazilian students and scholars would go to Tsinghua University for exchanges and study.

On November 20, the Tsinghua University-Brazilian National Confederation of Industry (CNI) Seminar



Qiu Yong with Alban



Seminar Site

was held in Brasília. Qiu Yong and Ricardo Alban, President of CNI, attended the event and signed a Memorandum of Understanding on behalf of both sides. Qiu said that China is accelerating the development of new productive forces, while Brazil is vigorously promoting development strategies such as the "New Industrial Policy" creating important opportunities for China-Brazil scientific, technological, and trade cooperation. Qiu expressed confidence that the seminar would serve as a catalyst for enhancing industry-university-research collaboration between Tsinghua University, Brazil and Latin America, generating mutually beneficial results and adding new impetus to pragmatic cooperation between the two countries. Alban remarked that China-Brazil relationship is at its best period in history and Tsinghua University is a world-renowned institution. He expressed great expectations for a new chapter of cooperation between the two sides. At the seminar, experts and scholars from both countries presented data-driven academic reports, outlining new opportunities for China-Brazil collaboration.

On November 21, a seminar on China-Brazil Collaboration for Promoting Bio-Industry and Sustainable Development was held at the Federal University of Rio de Janeiro. Qiu Yong and the university's rector, Roberto Medronho, expressed their desire for deepening the partnership between the two institutions and addressing global challenges. They signed a Memorandum of Understanding on behalf of the two parties. Tian Min, Chinese Consul-General in Rio de Janeiro also attended the seminar and delivered her remarks. During the seminar, Qiu also visited the laboratory of the Tsinghua-UFRJ China-Brazil

Center for Climate Change and Energy Technology Innovation at the Federal University of Rio de Janeiro. This Center was established in 2010 as a flagship project of the collaboration between Tsinghua University and the Federal University of Rio de Janeiro where there are offices of both countries within both universities. It has become an important platform for educational, scientific and cultural exchanges between the two countries in the field of clean energy and climate change.

The relevant persons in charge of the Office of International Affairs participated in the visit. Representatives at the School of Architecture, the Department of Chemical Engineering, the School of Economics and Management, the School of Public Policy & Management, the School of Law, the Latin America Center, the Institute for AI International Governance, and the Education Foundation participated several activities.



Laboratory Visit

RESEARCH

Xiaofeng Fang's group discover a new mechanism of endosomal membrane shaping and scission by biomolecular condensates

A groundbreaking study from the laboratory of Dr. Xiaofeng Fang at School of Life Sciences, Tsinghua University, in collaboration with international partners, was recently published in *Nature*, unveiling a novel mechanism for membrane shaping and scission in multivesicular bodies (MVBs), which play a crucial role in cellular quality control. The study, titled "Biomolecular condensates mediate bending and scission of endosome membranes," demonstrates that biomolecular condensates formed by the plant protein FREE1 can mediate membrane invagination and scission without the need for ESCRT machinery or ATP consumption (Figure 1).

Traditionally, the formation of intraluminal vesicles (ILVs) within MVBs has been thought to require energy-driven processes involving the ESCRT protein complex. However, this study reveals that FREE1, through phase separation into liquid-like condensates, can induce membrane bending and instability, facilitating the formation of ILVs in an energy-independent manner. This discovery marks a significant departure from the classical understanding of membrane dynamics.

Using a phase separation screening system developed in their lab, Dr. Fang's team identified FREE1 as a protein capable of undergoing

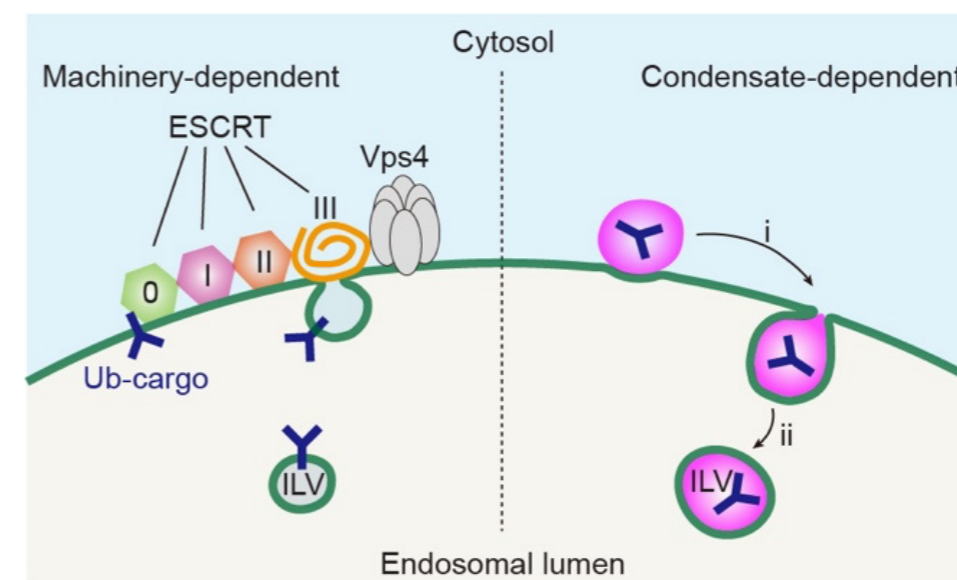


Figure 1. A model of ESCRT machinery-dependent and FREE1 condensate (magenta)-mediated ILV formation pathways from MVB membranes (green). (i) membrane invagination, (ii) membrane scission. Blue Y shapes indicate ubiquitinated cargoes.

strong phase separation both in vivo and in vitro. The research also showed that the N-terminal intrinsically disordered region (IDR) of FREE1 drives this phase separation. Through its FYVE domain, FREE1 binds to the membrane lipid phosphatidylinositol 3-phosphate (PI3P), anchoring the condensates to the MVB membrane. Importantly, the formation of these condensates enhances membrane binding and recruits other ESCRT components as client molecules.

The team's experiments further demonstrated that replacing FREE1's IDR with the IDR of the FUS protein could rescue the lethal phenotype of FREE1-deficient mutants, confirming that phase separation is necessary and sufficient for FREE1's function. However, this substitution did not enable interaction with ESCRT proteins, suggesting that FREE1's condensates can function independently of the ESCRT machinery.

In vitro reconstruction and computer simulations revealed that FREE1 condensates rapidly induce membrane curvature and invagination. These findings were supported by genetic evidence in plants lacking ESCRT, where overexpression of FUS-IDR-FREE1 was sufficient to generate ILVs within MVBs. The study also highlighted the evolutionary significance of both ESCRT-dependent and FREE1-condensate mechanisms, which likely provide a dual mechanism for MVB biogenesis, enabling cells to adapt to environmental stress.

This research opens new avenues for understanding membrane dynamics and cellular quality control mechanisms, potentially impacting a wide range of biological and medical fields. This work also featured in the Research Briefing of the same issue of Nature.

Tsinghua researchers observe quantum superposition of topological defects in an ion trap quantum simulator for the first time

The research group led by Professor Luming Duan at the Institute for Interdisciplinary Information Sciences, Tsinghua University, made significant progress in the field of ion trap quantum simulation, observing for the first time the quantum superposition of topological defects in the experiment. The paper titled "Observation of quantum superposition of topological defects in a trapped ion quantum simulator" was recently published in *Science Advances*.

Topological defects, as a fundamental mathematical concept, have wide applications in many fields in physics such as magnetism, high-temperature superconductivity, grand unified theory, and cosmology. Previous experimental studies typically focused only on classical properties of topological defects, such as their

density. Although theoretical works had predicted quantum superposition of topological defects and applied them to understand the dynamics of quantum phase transitions, experimental observation of this phenomenon was challenging due to the decoherence of the entire quantum system and errors in quantum state preparation and measurement.

In this work, researchers prepared an initial single-spin-kink state on a one-dimensional chain of 20 ions through individual addressing of each ion qubit. Researchers then used a transverse-field Ising model with long-range interactions to realize a smooth effective potential field for the spin kink, observing the spin kink splitting into a superposition state at different locations during the dynamic evolution due to the quantum interference.

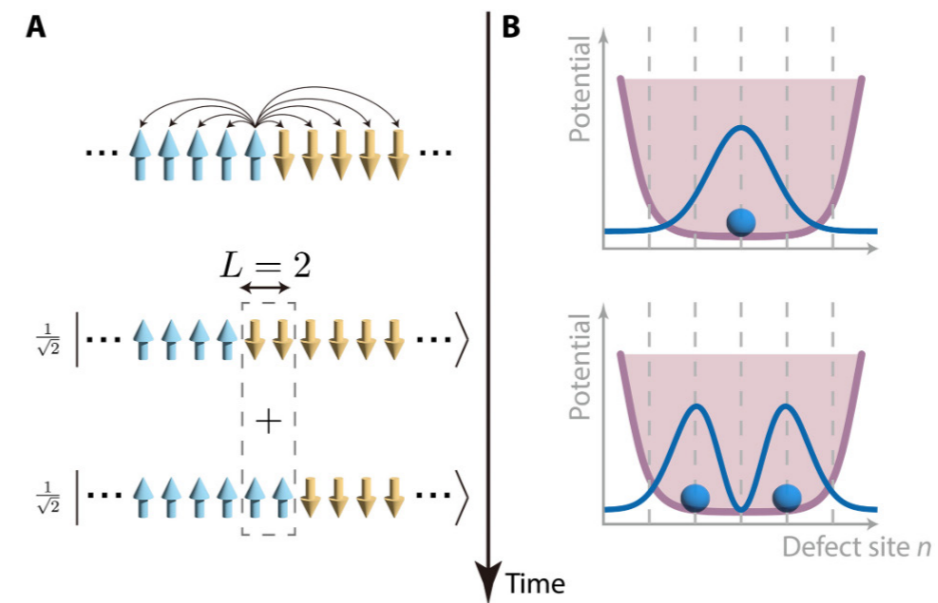


Figure 1: Schematic diagram showing the evolution of a spin kink over time, producing the quantum superposition at different sites.

To explicitly verify the quantum coherence of the superposed defects, researchers further used 21 ions to prepare a quantum superposition of spin kinks at adjacent sites. By controlling the relative phase of this superposition state, the researchers observed the spin kink selectively propagating in different directions, thus ruling out a description based on classical probabilistic propagation and verifying the quantum coherence of the superposition state.

The co-first authors of this paper are IIS PhD student Zhijie Cheng and IIS Assistant Professor Yukai Wu. The corresponding author is IIS Professor Luming Duan. Other co-authors include IIS PhD student Shijiao Li, HYQ Co. members Quanxin Mei and Bowen Li, IIS PhD student Gangxi Wang, IIS postdoc Yue Jiang, IIS Assistant Research Fellow Binxiang Qi, IIS Associate Research Fellow Zichao Zhou, and IIS Assistant Professor Panyu Hou.

This work was supported by Innovation Program for Quantum Science and Technology (2021ZD0301601), Tsinghua University Initiative Scientific Research Program, the Ministry of Education of China, the New Cornerstone Investigator Program, Tsinghua University Dushi program, and the start-up fund from Tsinghua University.

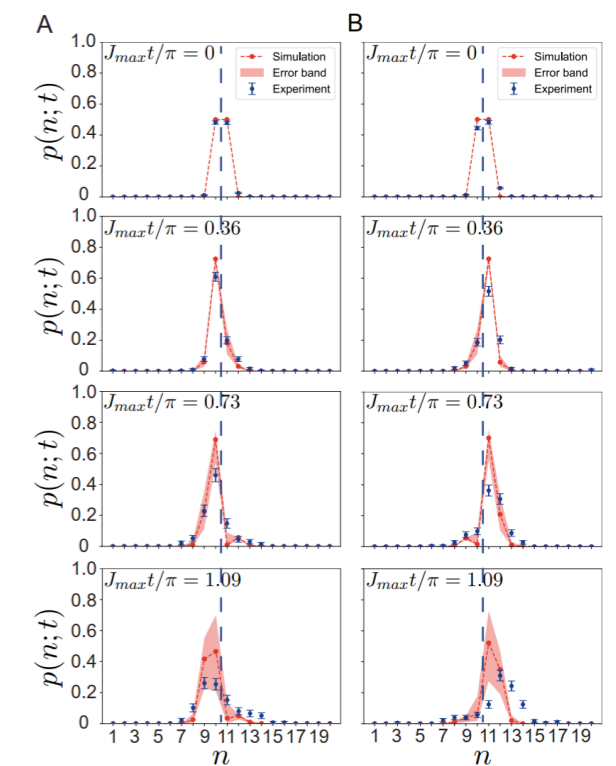


Figure 2: Experimental observation of the dependence of spin kink propagation direction on the initial superposition state phase.

The Tsinghua University Warring States Bamboo Manuscripts (Volume 14), Collated Interpretation Series, and Studies and Translation Series Book Launch held in Beijing

On December 20th, the book launch for *The Tsinghua University Warring States Bamboo Manuscripts (Volume 14), Collated Interpretation Series, and Studies and Translation Series* was held at Tsinghua University. The event was jointly hosted by the Research and Conservation Center for Unearthed Texts at Tsinghua University, Zhongxi Book Company, The Commercial Press, and Tsinghua University Press, focusing on the latest research outcomes on the Tsinghua bamboo manuscripts.

The Tsinghua bamboo manuscripts, acquired by Tsinghua University in 2008, comprise nearly 2,500 slips, making it the largest known collection of Warring States period bamboo manuscripts to date. The content predominantly includes classics, historical texts, and philosophical

writings, touching on the core of traditional Chinese culture. Since the acquisition, under the leadership of Li Xueqin and subsequently Huang Dekuan, the research team has published annual reports on the manuscripts. Additionally, they have initiated the compilation of the *Collated Interpretation Series* and its English counterpart, the *Studies and Translation Series*, to further research, and promote the manuscripts globally.

The works released during this event include *The Tsinghua University Warring States Bamboo Manuscripts Volume 14, Collated Interpretation Series 1, Volumes 1-4, Studies and Translation Volumes 2, 3, and 6*, along with the English version of *Approaching the Tsinghua Bamboo Manuscripts (Revised Edition)*.



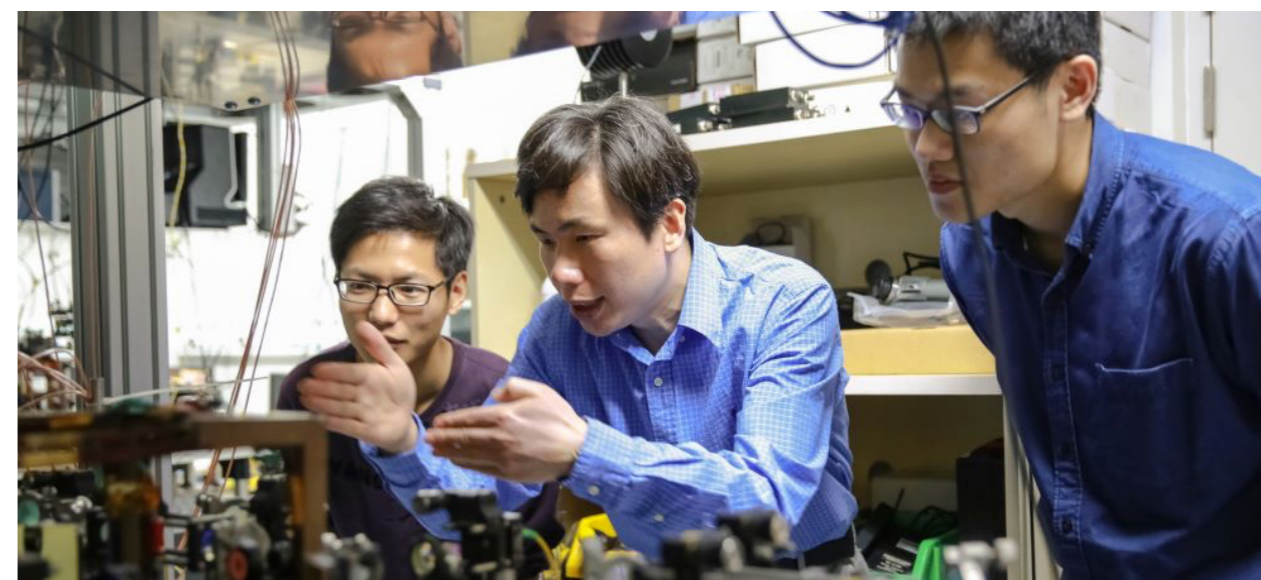
TSINGHUA COMMUNITY

Academician Duan Luming awarded the 2024 International Quantum Prize

Recently, the International Conference on Quantum Communication, Measurement and Computing (QCMC) announced the awarding of the International Quantum Awards 2024 to Chinese Academy of Sciences (CAS) academician and Tsinghua University Institute of Interdisciplinary Information Sciences professor Duan Luming, in recognition of his outstanding contributions in the field of quantum communication and quantum computing, particularly for the proposal of the DLCZ (Duan-Lukin-Cirac-Zoller) quantum repeater scheme for long-distance quantum communication, the Duan-Kimble scheme for scalable optical quantum computing, and his recent work on building one of the largest trapped-ion quantum simulators using 300 ions. The award was officially presented this year at the 16th International Conference on Quantum Communication, Measurement and Computing

(QCMC). The QCMC, held every two years, is a high-level large-scale academic event in the field of quantum information science research.

Established in 1996 by the QCMC, the International Quantum Awards is awarded biennially to scientists who have made outstanding contributions to the field of quantum communication, quantum measurement and quantum computing research. Previous recipients of the award include three Nobel laureates (David Wineland, Serge Haroche, Anton Zeilinger), four recipients of the Wolf Prize in Physics (Ignacio Cirac, Peter Zoller, Anton Zeilinger, Charles Bennett) and three recipients of the Breakthrough Prize in Fundamental Physics (Charles Bennett, Peter Shor, David Deutsch). Duan is the second Chinese physicist to receive this honor following CAS academician Pan Jianwei.



Professor Duan Luming

Professor Li Jing-Feng wins 2024 IEEE Ferroelectrics Recognition Award

Professor Li Jing-Feng from the School of Materials Science and Engineering at Tsinghua University has been recognized for his contribution to the field of electronic functional materials over the past two decades with the IEEE Ferroelectrics Recognition Award.



The top award recognizes scientists around the world who have made outstanding contributions to ferroelectrics or related scientific fields. Established in 1983, a total of 35 scholars worldwide have received this award to date.

Professor Li has long been engaged in research and teaching in the field of inorganic non-metallic materials, achieving a series of innovative results

in the study and application of ferroelectric, piezoelectric and thermoelectric materials. He has published more than 570 SCI papers in journals such as Science and Nature Materials. In 2020, he was elected a Fellow of the American Ceramic Society, and in 2022, he was elected a Foreign Member of the Engineering Academy of Japan.

Tsinghua professor Nicolai Reshetikhin receives China's top honor for foreign experts

Nicolai Reshetikhin, a tenured professor at Tsinghua University and a world-class mathematical physicist, has been awarded the 2024 Chinese Government Friendship Award.



In recognition of their contributions to China's development, Reshetikhin was one of 100 foreign experts who were conferred with the 2024 Chinese Government Friendship Award on September 30.

Reshetikhin is an expert in the field of mathematical physics and one of the founders of quantum group theory and Reshetikhin-Turaev invariants. He is a significant contributor to the theory of quantum integrable systems, an important contributor to Poisson geometry and symplectic geometry, and has made significant contributions to quantum Kac-Moody algebras. He

is also a pioneer in the quantum 6j symbols related to quantum gravity.

He is currently working at Tsinghua's Yau Mathematical Sciences Center, where he teaches courses such as Knot Invariants and 3-Manifolds, dedicating his efforts to nurturing the next generation of leading mathematicians. In 2022, he was awarded the Weyl-Wigner Award, a top international prize in mathematical physics.

The Friendship Award is the highest honor for foreign experts who have made outstanding contributions to China's modernization drive. Up to now, 17 foreign experts from Tsinghua University have been honored with this award.

Tsinghua University wins overall championship at SC24 Student Cluster Competition

The Tsinghua University Student Supercomputing Team has claimed the overall championship title at SC24 Student Cluster Competition held in Atlanta, the United States. This achievement marks the team's 18th victory across the three major international student supercomputing competitions.

The SC24 finals brought together 11 teams from seven countries and regions to compete in a rigorous 47-hour challenge. Teams were tasked with designing and assembling custom computing clusters under a strict 4.5 kW power limit. The competition evaluated their performance across benchmarks (LINPACK, MLPerf, and NPB), scientific applications like the Icosahedral Nonhydrostatic (ICON) Weather and Climate Model and Nanoscale Molecular Dynamics (NAMD) simulation, as well as a reproducibility challenge on dataflow lifecycle analysis. A mystery application of cat recognition challenge added another layer of complexity to the event.

The Tsinghua team began preparations for the competition months in advance, dedicating their summer break to rigorous training, collaborative

development, and weekly discussions. During the finals, the team overcame significant obstacles, including jet lag, hardware unfamiliarity, and technical challenges posed by the competition's live environment. Their comprehensive skills and steady on-site performance ultimately secured them the top position.

The winning team consisted of six undergraduate students: Yang Kai from Zhili College, as well as Li Yifan, Xue Zhiyu, Yang Yuqing, Wang Yucheng and Shi Chengyu from the Department of Computer Science and Technology. Technical support was provided by doctoral students Chen Shengqi, Zhai Mingshu, Zhang Runqing, and Shan Jingbo from the Department of Computer Science and Technology. The team was guided by faculty members Dr. Han Wentao, Dr. Jin Yuyang, and Professor Zhai Jidong, with additional support from Tsinghua's Zhuiguang Innovation Program for student research and development.

The SC Student Cluster Competition, alongside the ISC Student Cluster Competition and the ASC Student Supercomputer Challenge, is considered one of the three most authoritative global supercomputing competitions.



DIVERSE CAMPUS

A symphony of cultures: highlights from Tsinghua Gala Night 2025

The 2025 Tsinghua University International Students and Scholars' Gala Night unfolded with grandeur on November 29, at the New Tsinghua Auditorium, continuing its cherished tradition as a highlight of the year for Tsinghua's international community. With the theme "Embracing Global Diversity, Celebrating Future Harmony," the event united over 300 performers and organizers from more than 40 countries.

The Gala Night delivered an unforgettable evening of cultural celebration, captivating the audience with a vibrant tapestry of traditional dances, contemporary performances, and heartfelt musical pieces that bridged cultures and united hearts. The night illuminated the stage with artistic brilliance and cultural diversity, weaving together stories of heritage, creativity, and collaboration.



Opening Performance: "Resonance: Twenty-Four Festive Drums"



Piano and Vocals by Max and Kevin



Japanese Traditional Dance: "Soran Song: Japanese Fishermen's Dance"



Modern Dance: "Chasing the Light Across the Vast Ocean"



Indonesian Traditional Dance: "Nusantara Heritage: The Symphony of Indonesia"

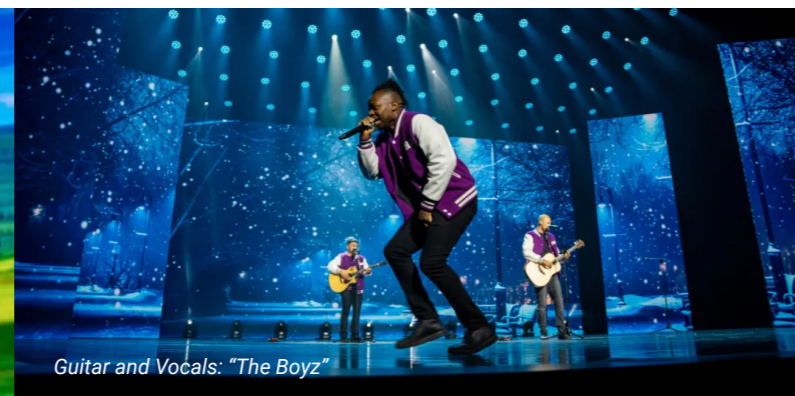
A Journey of Unity and Resilience

Months of meticulous preparation by hundreds of international students culminated in this dazzling event. Stirring piano melodies, electrifying street dances, and energetic group performances brought stories of resilience, joy, and cultural pride to life on stage.

Gala Night 2025 was more than a celebration of diversity; it was a profound reaffirmation of the commitment to harmony and global understanding. As the stage lights dimmed and the final curtain fell, the bonds forged and memories created during this extraordinary evening promised to shine brightly into the new year and beyond, echoing the spirit of unity that defines Tsinghua's international community.



Mongolian Traditional Dance: "Grassland Love Song"



Guitar and Vocals: "The Boyz"



Street Dance: "Icon"



Exploring the power of “resilience”: TEDxTHU 2024 held

On Dec 5th, TEDxTHU 2024 took place at Multifunctional Hall, Mong Man Wai building, Tsinghua University. Vice Provost Professor Wong Tien Yin delivered the opening remarks. The theme, “Resilience”, aligned perfectly with Tsinghua’s vision of building a “more open, integrative, and resilient university.” A dozen speakers from various disciplines such as communication, sustainable development, urban ergonomics, brain science, climate change, public health, aerospace, and sports shared their profound insights, enriching the discourse on cutting-edge topics and propelling the vision of a united community towards the future.



Remarks by Prof. Wong Tien Yin

Prof. Wong Tien Yin noted that resilience and a forward-looking vision have always been crucial drivers of humanity’s shared progress. As a world-class university with a global strategic outlook, Tsinghua University is embracing the world with greater openness. He expressed his delight at seeing the younger generation establish this platform to showcase Tsinghua’s innovative thinking to the world. The choice of “Resilience”

as the theme, along with the exploration of global topics, reflects responsibilities and aspirations of the university.

During Session 1, a distinguished lineup of speakers shared their expertise at Tsinghua University. Prof. Zhou Qing’an, dean of the School of Journalism and Communication, Prof. Cai Wenjia, assistant director of the Department of

Earth System Science, Prof. Tang Kun, associate Professor of Vanke School of Public Health, Yao Song, co-founder of Orienspace and an alumnus of the Department of Electronic Engineering, Jiang Mengnan, Touching China award recipient and an alumna of the School of Basic Medical Sciences and Xiahereyat Aniwaneer, a Schwarzman Scholar, each delivered insightful speeches. Through their diverse perspectives, they illuminated global challenges and opportunities, enriching the dialogue on crucial issues.

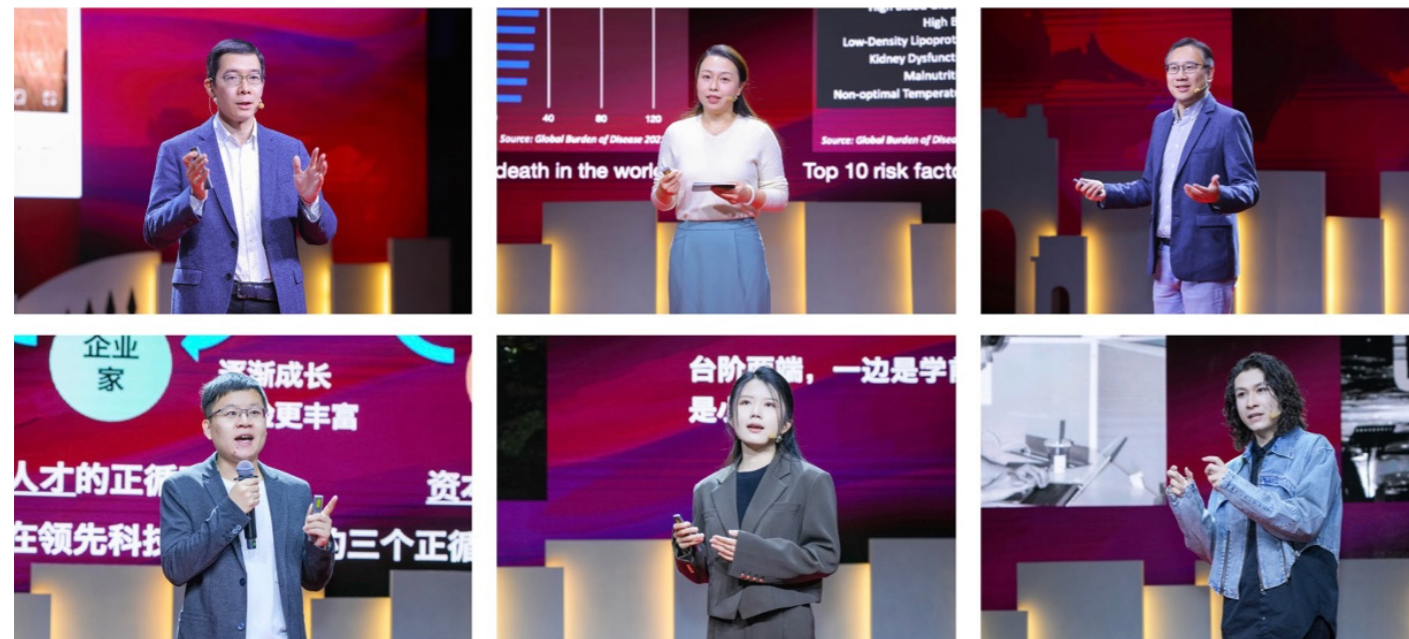
In Session 2, Zhang Li, dean of the School of Architecture, Carlo V. Cannistraci, chair professor at Tsinghua Laboratory of Brain and Intelligence; Xu Hehao, faculty of Division of Sports Science and Physical Education, Guo Kaidi, an alumna from the School of Environment, Julia Cores, a Schwarzman Scholar, and Xiao Lanxi, a PhD candidate from the Academy of Arts & Design shared their unique insights. Their diverse expertise and unique approaches not only deepened the understanding of complex issues but also sparked meaningful discussions on contemporary challenges in a rapidly changing world.

Authorized by TED, the TEDxTHU 2024 conference was initiated by Tsinghua students and jointly held by the Association of Student International

Communication of Tsinghua University and the Graduates Union of Tsinghua University. It aims to provide a platform to share ideas worth spreading and contribute to the advancement of our times.



Speakers for TEDxTHU 2024



Session 1



Session 2



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