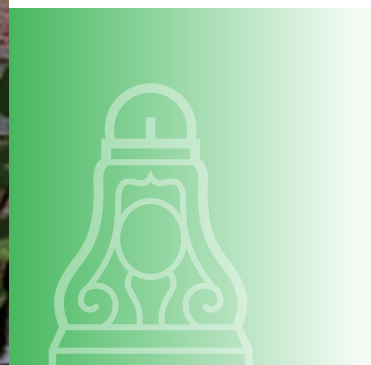


TSINGHUA NEWSLETTER

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清华大学
Tsinghua University



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FOCUS

Chinese vice president meets Tsinghua University advisors

BEIJING, Oct. 19 (Xinhua) – Chinese Vice President Han Zheng met with representatives of the advisory board of the Tsinghua University School of Economics and Management in Beijing on October 19.

Han expressed appreciation for the advisors' longstanding care and efforts in supporting China's economic and educational development.

He said that while facing global challenges, all parties need to strengthen exchanges, enhance understanding, and build greater consensus,

calling on the advisors to actively play their roles in promoting cooperation between China and the world in various areas and offer advice for Chinese modernization.

The advisors, led by Apple CEO Tim Cook, spoke highly of the Chinese government's commitment to reform and opening up and expressed willingness to enhance communication with China, increase investment in China and cooperation in areas including science, technology and new energy, carry out more academic exchanges, and contribute to Chinese modernization.



Chinese Vice President Han Zheng meets with representatives of the advisory board of the Tsinghua University School of Economics and Management in Beijing, capital of China, Oct. 19, 2023. (Xinhua/Liu Weibing)

Report on the Communist Party of China and the Great Rejuvenation of the Chinese Nation delivered at Tsinghua

Xie Chuntao, vice president of the Party School of the CPC Central Committee (National Academy of Governance), delivered a report titled "The Communist Party of China and the Great Rejuvenation of the Chinese Nation" at the New Tsinghua Auditorium on December 10. Qiu Yong, secretary of the CPC Tsinghua University Committee, delivered a speech. Wang Xiqin, Tsinghua president and deputy secretary of the CPC Tsinghua University Committee and other university leaders attended the report meeting. Party members from across the University attended the report meeting in the main venue and branch venues.



Qiu Yong, secretary of the CPC Tsinghua University Committee, delivers a speech.



Xie Chuntao, vice president of the Party School of the CPC Central Committee (National Academy of Governance), delivers a report titled "The Communist Party of China and the Great Rejuvenation of the Chinese Nation" at the New Tsinghua Auditorium of the University.



Uruguayan president visits Tsinghua

On November 21, Uruguayan President Luis Lacalle Pou visited Tsinghua University and delivered a speech. Tsinghua University President Wang Xiqin met with President Lacalle later the same day.



people exchange, thereby making greater contributions to promoting China-Uruguay cooperation, world peace and development, and the building of a community with a shared future for mankind.



Wang extended a warm welcome to President Lacalle and his delegation. He noted that this year marks the 35th anniversary of the establishment of diplomatic relations between China and Uruguay, as well as the 10th anniversary of the Belt and Road Initiative. Despite the geographical distance between China and Uruguay, the people of the two countries have a long and enduring friendship. Tsinghua University has always placed great importance on exchanges with Uruguay and other Latin American and Caribbean countries, and has carried out highly effective cooperation in various fields. Looking to the future, Wang expressed the hope to further expand exchanges and cooperation with Uruguay in the fields of education, science and technology, and people-to-

In his speech, President Lacalle expressed his delight in visiting Tsinghua University and interacting with young students. He pointed out that the bilateral relations between Uruguay and China have developed very smoothly, with the relationship founded on solid mutual understanding and trust. President Lacalle remarked that young people carry the significant responsibility of leading humanity towards a better future while also protecting our planet and environment. The concepts of green development and sustainable development are increasingly accepted among young people, and our world requires more cooperation.



After his speech, President Lacalle engaged in a Q&A session with the students, presided by Tsinghua Vice-President Wang Hongwei. This interactive session was followed by his meeting with Wang Xiqin.

In their meeting, Wang briefly introduced the University's history, its focus on student development, extensive research initiatives, and strategic international collaborations. He also conveyed a strong interest in deepening educational, technological, and people-to-people exchange between Uruguay and Tsinghua University.



President Lacalle emphasized the pivotal role of universities as centers of knowledge and scientific advancement, highlighting their significant contribution to youth development and cultural exchanges. He advocated for the strengthening of ties between Uruguayan and Chinese universities, to foster greater opportunities for Uruguayan students to study in China.

The meeting was also attended by Huang Yazhong, China's ambassador to Uruguay; Wang Hongwei; Xu Yue, counselor of the Department of Latin American and Caribbean Affairs, Ministry of Foreign Affairs; and heads of Tsinghua University's Office of International Affairs and Latin America Center.

Tsinghua established its Latin America Center in 2018 which serves as a vital platform for collaboration with local governments, academia, think tanks, and businesses in the region. This initiative reflects Tsinghua's commitment to expanding academic research, student development, cultural exchanges, and innovation in science and technology.



Professor Li Luming appointed Tsinghua University President

Professor Li Luming was appointed President of Tsinghua University and Deputy Secretary of the CPC Tsinghua University Committee on December 22, with approval from the Central Committee of the Communist Party of China. Wang Xiqin will no longer serve as Tsinghua University President.

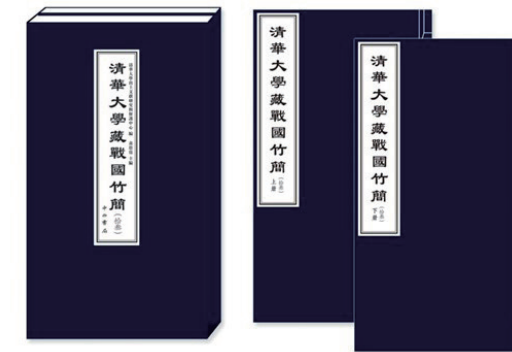
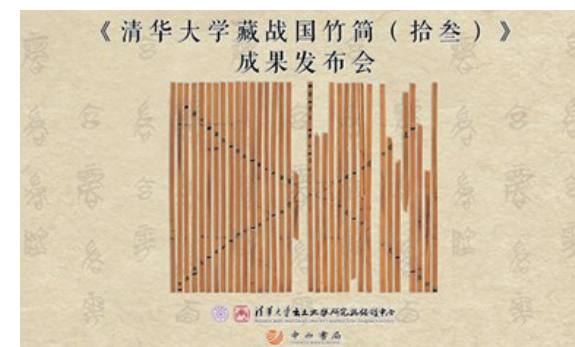


Professor Li Luming was born in February 1968. He is a Doctor of Engineering, a member of the Communist Party of China, and an academicien of the Chinese Academy of Sciences. He has previously served as Vice President of Tsinghua University.

The announcement of the new president was made at a meeting held at Tsinghua University on December 22. Peng Jinhui, Deputy Director of the Organization Department of the CPC Central Committee, announced the decision and delivered a speech. Chen Jie, Vice Minister of Education and member of the CPC Leading Group of Ministry of Education, You Jun, member of the Standing Committee of the CPC Beijing Municipal Committee, Director of the Organization Department of the CPC Beijing Municipal Committee, and Secretary of the Working Committee of the Beijing Municipal Education Commission attended the meeting and delivered speeches. Qiu Yong, Secretary of the CPC Tsinghua University Committee, hosted the meeting.

The Tsinghua University Warring States Bamboo Manuscripts 13 Book Launch held in Beijing

The Book Launch for The Tsinghua University Warring States Bamboo Manuscripts 13 清华大学藏战国竹简 (拾叁) (Volume 13) was held on December 10th at the Meng Minwei Humanities Building, Tsinghua University. The event was attended by over 100 scholars and experts from Tsinghua and academic institutions across China. In addition, the event was broadcasted globally in collaboration with XuetangX, and attracted renowned international and Chinese scholars with more than 1,400,000 views online.



Volume 13 reports five Warring States bamboo manuscripts, respectively titled Dafu shili 大夫食礼 "The Great Officers Rites of Banquet," Dafu shili ji 大夫食礼记 "Addendum to the Great Officers Rites of Banquet," Wuyin tu 五音图 "Chart of the Five Tones," Yue feng 乐风 "Airs of Music," Wei tian yong shen 畏天用身 "Fearing Heaven, Using the Body." These previously lost manuscripts not seen in the transmitted record offer new evidence for the research in Pre-Qin ritual system, musicology, and philosophy.

The two ritual texts, Dafu shili and Dafu shili ji, prove to be the most attractive ones. Bonded as one scroll, the two texts are written on 51 and 14 slips. While the former documents the ritual proprieties ought to be practiced by the hosts and receptionists during the "rite of dining," the latter records the details of the ritual procedure enforced by the managers of affairs involved in the same rite. Complementary to one another, the texts read similar to Yi li 仪礼 Ceremonies and Rites. Specifically, the documented ritual procedure shows great resemblance with that in the "Gong shi dafu li" 公食大夫礼 "Rite of the Lord Having a Banquet with the Great Officers." Unseen before among the Warring States bamboo manuscripts, the two texts not only preserve the prototype of ritual texts from that period, but also reveal some key features of the great officers rites of banquet in the ancient Chu state (楚国), making them valuable sources for studies on the Pre-Qin ritual system and the ancient classic, Yi li.

The two musical texts are equal in their significance. A pentagram is drawn at the center of Wuyin tu. Its upper point matches the note names of the gong 宫 -group notes, then moving counter-clockwise, the other four points correspond to the shang 商, jue 角, zheng/zhi 征, and yu 羽 groups. The pentagram is formed by connecting lines between five pairs of tones: "gong (do) – zhi (so)," "zhi (so) – shang (re)," "shang (re) – yu (la)," "yu (la) – jue (mi)," "jue (mi) – gong (do)," illustrating the generation of the pentatonic scale. The rule of generating the five tones follows the method of

sanfen sunyi 三分损益, known as "Spiral of the Fifth" in the West, namely "method of obtaining tones by subtracting or adding the third part." Such order of the five-tone-generation is consistent with the records in transmitted texts such as Guanzi 管子 and Huainanzi 淮南子. Another text, Yue feng contains two sections. Whereas the first section records pitch names, the nature of the second section is yet to be determined. These two musicological texts shed lights on the musical theory and history of music of Early China.

Wei tian yong shen is a philosophical text written on 17 slips with no missing content. It discusses the relationship between heaven and man and the manifestation of human subjectivity. The text promotes the concept of human agency and embodies the proactive spirit of the Warring States period. It provides new literature for the study of the pre-Qin history of thoughts.

The Book Launch was chaired by Professor Liu Guozhong, Deputy Director of the Research and Conservation Center for Unearthed Texts (the Center). Yang Yongheng, Director of the Humanities Development Office at Tsinghua University, highly praised the conservation of the Tsinghua Bamboo Manuscripts. Qin Zhihua, President of Shanghai Cishu Publishing House and Zhong-Xi Bookstore, introduced the editing and publishing status of The Tsinghua University Warring States Bamboo Manuscripts 13. Three young teachers from the Center, Ma Nan, Jia Lianxiang, and Shi Xiaoli, respectively interpreted the five aforementioned documents. Assistant Director of the Center, Cheng Hao, representing Professor Huang Dekuan, the chief editor, presented an overview of the research and organization of The Tsinghua University Warring States Bamboo Manuscripts 13 and moderated the Q&A session with scholars and journalists in attendance.

Today, 13 volumes of organized reports on the Tsinghua Bamboo Manuscripts, in the collection of Tsinghua University since 2008, have been successfully published under the leadership of Mr. Li Xueqin and Mr. Huang Dekuan. The efficient and high-quality work of the conservation team has received widespread recognition in academic fields and been highly valued by overseas sinologists. During the Book Launch, the Center announced that the conservation of the Tsinghua Bamboo Manuscripts has entered a crucial stage. The conservation team will overcome difficulties and ensure the annual publication progress, aiming to soon release these important materials to the public and academia.

GLOBAL ENGAGEMENT

The 2023 Asian Conference on Higher Education - Student Volunteers and Community Engagement held

The "2023 Asian Conference on Higher Education - Student Volunteers and Community Engagement," one of the programs of the Asian Universities Alliance, and launched by Tsinghua University Committee of the Communist Youth League, was recently held. This virtual event attracted over eighty students and teachers from 12 Asian universities.

Wang Rui, secretary of the Tsinghua University Committee of the Communist Youth League, and Yang Yegong, head of Organizing and Training Department of China Youth Volunteer Association, delivered speeches. The conference comprised a main forum and four sub-forums, focusing on themes such as "Equitable and Quality Education for All", "Go Green", "Supporting the Elderly and the Disabled", and "Public Health". Participants shared and exchanged experiences wholeheartedly in youth volunteer construction, engaging in meaningful discussions.

would serve as a platform for communication and exchange among Asian universities, fostering mutual learning, cooperation, and friendship.



During the closing session of the main forum, Yang Yegong delivered a keynote address, providing insights into the work and development of the China Youth Volunteers Association, along with the University Student Volunteer Western Plan. He underscored the vital significance of international exchanges facilitated by volunteers in the development of various national civilizations. Teachers and students from different regions collectively explored the best practices and future directions of student volunteer services, sparking thoughtful discussions.

The conference focused on the organic integration of student volunteer service and education, particularly addressing how universities can develop volunteer education programs. Participants from various universities detailed the characteristics of campus volunteer project construction and shared successful case experiences. Simultaneously, in-depth discussions took place on the challenges faced in volunteer construction, such as incentive mechanisms and the effective transformation of volunteer activities.

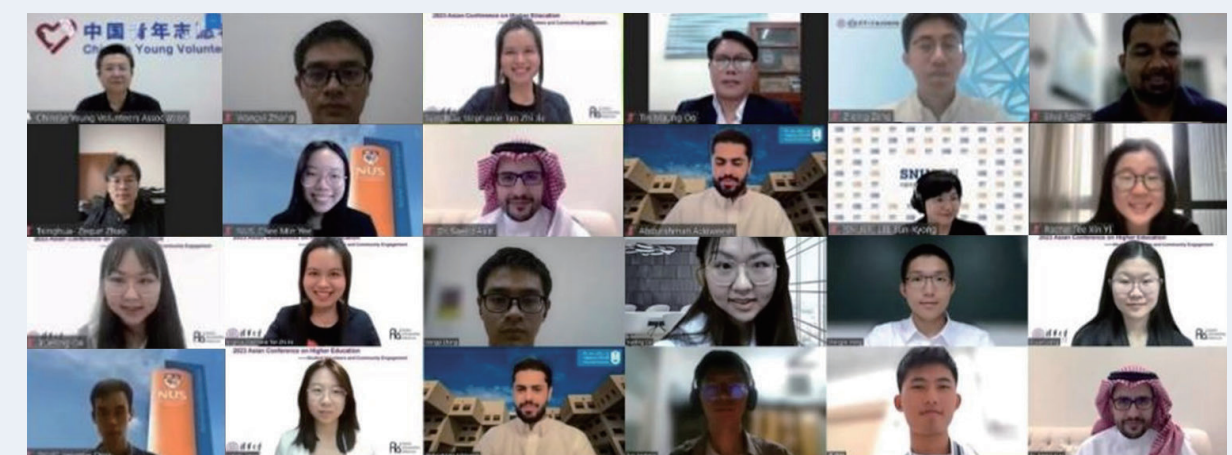


The conference began with an opening speech by Wang Rui, emphasizing the crucial role of youth in promoting volunteerism and societal progress. He highlighted the significance of volunteer service in the growth of young people and the educational work of universities. Wang Rui expressed the hope that the conference

After the conference, attending professors and teachers shared their impressions. Dr. Saeed Asiri from King Saud University expressed his deep immersion and enjoyment in the conference. He learned diverse models for organizing university student volunteer activities from the sharing of different speakers and projects. He looks forward to closing meetings between university staff or administrators to discuss potential collaboration and improvement measures that could impact future volunteer activities. Ms. Yuliya Palkina from the University of Yangon viewed the conference as a valuable experiment and provided suggestions and expectations for the development of the Asian Universities Alliance in volunteer activities. She advocated for the establishment of a platform for post-conference communication among participants and the organization of offline events to facilitate deeper exchanges.

The Asian Universities Alliance (AUA) is a university alliance initiated by Tsinghua University and co-founded by 15 universities from 14 countries and regions in Asia in April 2017. In the six years since its establishment, the alliance has developed into a cohesive and influential international university organization, actively contributing to enhancing the influence of Asian universities in global higher education.

This forum marked the first time that the Asian Universities Alliance focused on the field of youth volunteerism in a specialized symposium. Through this exchange and discussion, bridges were built connecting youth volunteer activities across Asian universities. Going forward, it is hoped that universities will collaborate further, advancing the organization of international volunteer service projects for university students and promoting overseas volunteer activities initiated by students, realizing more international exchange and cooperation in volunteer services.



Tsinghua hosts international academic forum on 'Paleography and Chinese Civilization'

The first International Academic Forum on "Paleography and Chinese Civilization" commenced on the morning of October 21st in Tsinghua University's main building. The opening ceremony attracted more than 120 scholars and experts from over 40 universities and research institutes spanning 13 countries including China, the United States, Russia, the United Kingdom, France, Japan, and Germany, among other countries. The Vice President of Tsinghua University, Peng Gang, hosted the opening ceremony.

The opening ceremony was attended by Qiu Yong, Secretary of the CPC Tsinghua University Committee, Hong Dayong, the Director of the Office of Philosophy and Social Sciences of China, Tian Lixin, the Director of the Language and Information Management Division of the Ministry of Education, Professor Sarah Allan from Dartmouth College, Distinguished Visiting Professor at Tsinghua University, and Professor Zhu Fenghan, Peking University Bo Ya (School of Liberal Arts) Chair Professor, who each delivered speeches.

In his speech, Qiu Yong expressed heartfelt gratitude to friends from all walks of life who have long cared for and supported the development of Tsinghua University and the construction of Tsinghua's humanities disciplines. Qiu Yong emphasized that Chinese universities, as important carriers for inheriting and promoting outstanding Chinese culture, should strive to become a vital force in promoting the creative transformation, innovative development, and prosperity and progress of human civilization. In recent years, the University has established the Research and Conservation Center for Unearthed Text, cultivated high-level scholars, and actively promoted interdisciplinary research on ancient texts. To further unlock the historical ideas and cultural values of ancient scripts like oracle bone inscriptions, Tsinghua University launched the International Academic Forum on "Paleography and Chinese Civilization". Through this initiative, they endeavor to create a high-end international academic platform that will foster exchanges and mutual learning between Chinese civilization and various world civilizations.



It is believed that the forum will expand international academic exchanges and cooperation in the study of ancient scripts. Tsinghua's research on ancient scripts will uphold the University's style of integration of Chinese and Western cultures, connecting the ancient and modern, and probing the arts and sciences. It continues the historical context, while writing a new chapter for the era. Moving forward, Tsinghua University will deeply understand the theoretical implications and practical requirements of "clarity in form, effectiveness in use" and work together with colleagues from all sectors of society to establish a cultural foundation for a new form of human civilization. Tsinghua University aims to contribute to the rejuvenation of Chinese civilization and promote harmony among world civilizations on a larger scale.

Hong Dayong stated that General Secretary Xi Jinping attaches great importance to the inheritance and development of language and Chinese civilization. He emphasized that Chinese characters are a symbol of Chinese cultural heritage, and this inheritance represents the true essence of Chinese identity. Tsinghua University is organizing this forum, inviting renowned scholars and experts in the field of paleography and traditional culture from both domestic and international backgrounds to gather at Tsinghua campus for in-depth exchanges and discussions on the inheritance and development of ancient scripts and Chinese civilization. This event is a momentous and celebratory occasion for the research community devoted to ancient script.



Hong Dayong introduced the efforts by the National Social Science Fund over the years in supporting the research of paleography. He emphasized the Fund's strong commitment to supporting the study of ancient script and pledged to further enhance support in order to drive new advancements and breakthroughs in the research of Chinese character civilization. In terms of advancing the disciplinary system, academic framework, and discourse within the field of paleography, Hong Dayong presented four aspirations: first, to enhance the overall development level of the discipline of ancient writing and develop new methods and paradigms that are compatible with the digital age; second, to produce original landmark achievements that represent the national standard, thereby contributing substantial academic strength to the cultural rejuvenation and the construction of a modern Chinese civilization; third, to cultivate a talented workforce characterized by both moral integrity and academic excellence, providing a solid talent foundation for ongoing scholarly innovation; fourth, to strengthen international academic cooperation and deepen exchanges and mutual learning between civilizations, contributing essentials, wisdom, and vitality of the Chinese nation to the development of global civilization.

Tian Lixin highlighted the significant and profound implications of hosting this forum in the backdrop of the 10th anniversary of General Secretary Xi Jinping's proposal for jointly constructing the Belt and Road Initiative. She emphasized its crucial importance in driving the advancement of the study of paleography and Chinese civilization. General Secretary Xi Jinping places great emphasis on the preservation and development of China's exceptional traditional culture, notably represented by oracle bone inscriptions. In several pivotal speeches, he has underscored the



groundbreaking significance of the major discovery of oracle bone inscriptions in the history of Chinese and global civilization. The Chinese script is truly remarkable, and the formation and evolution of the Chinese nation are inseparable from the nurturing of this writing system. The government has provided strong support for research efforts in this domain, initiating the "Project on Paleography and the Inheritance and Development of Chinese Civilization" in 2020. This project comprehensively and systematically explores various forms of ancient writing, including oracle bone inscriptions, bronze inscriptions, and bamboo and silk scripts, in order to shed light on their profound role in the development of Chinese and human civilization, resulting in notable achievements. It is imperative to further deepen international exchanges and cooperation in related fields, strengthen comparative studies of ancient civilizations, facilitate overseas investigations into ancient manuscripts, and promote the translation of research outcomes. By adopting a global perspective, we can elucidate the contemporary value and global significance of the Chinese cultural spirit. Tian Lixin advocated for experts and scholars from home and abroad to serve as mediators between Chinese and foreign cultures, joining hands and making more proactive efforts to foster cultural communication and enhance mutual understanding, friendship, and cooperation. Through language and cultural ties, we can facilitate exchanges and mutual learning among civilizations.



Sarah Allan expressed her appreciation for the significant advancements made by Chinese and international scholars in the field of early China. She attributed these achievements to the generosity and open-mindedness of Chinese scholars. Additionally, she expressed gratitude towards paleography research centers such as Tsinghua University for their efforts in the preservation, conservation, and publication of unearthed bamboo manuscripts. These endeavors, coupled with the academic exchanges facilitated by these centers, have played a pivotal role in shaping the successful career of Western scholars. Drawing from her own experiences as a young student studying early China in the United States, Professor Allan acknowledged the inherent differences in intellectual contexts between Chinese and Western scholars. These differences contribute to divergent perspectives on the same subject matter. In light of this observation, she emphasized the significance of academic cooperation and collaboration. Furthermore, she warmly welcomed future events like this international dialogue, as they provide valuable opportunities for scholarly exchange and discourse in the new era of studies on early China.

Zhu Fenghan stated that the hosting of such a prestigious and large-scale academic conference by Tsinghua University, with a special emphasis on paleography, fully demonstrates the significant importance of ancient writing in promoting and inheriting excellent traditional Chinese culture and advancing the exchange and mutual learning between Chinese civilization and world civilizations.

In the keynote speech session, Professor Qiu Xigui from Fudan University entrusted the conference organizing committee to present the keynote article. Keynote speeches were then delivered by Professor Edwardshaughnessy from the University of Chicago,



Professor Dirk Meyer from the University of Oxford, and Professor Zhang Guangyu, Chair Professor in the Department of Chinese Language and Literature at Hang Seng University of Hong Kong and Honorary Professor at Tsinghua University.

Qiu Xigui delivered an insightful observation regarding the oracle bone inscriptions from the Yin Xu Period and the early bronze inscriptions of the Western Zhou Dynasty. These inscriptions revealed the emergence of a concept similar to "mana," a term extensively debated in cultural-anthropological studies and signifying "spirit" in archaic Polynesian societies. Interestingly, in the early Chinese glossary, this term is not represented as 精, which directly translates to "spirit," but rather as 晶.

Following Qiu's keynote, Edward Shaughnessy revisited an old issue that he has long debated with his colleagues at Tsinghua University. As suggested by the title of his talk, this marks his fourth attempt to argue for interpreting 由 as "wish" instead of "cause." By presenting a plethora of new evidence, he once again emphasized that, in most cases, the 由 found in unearthed manuscripts should be read as 思, thereby challenging the established convention.

Taking a socio-philological perspective, Dirk Meyer examined the recently published Analects from the collection of the Anhui University Warring States bamboo manuscripts. Meyer's interpretation of this text suggests that it is a cohesive argument-based composition that played a significant role in establishing Confucius as a "philosophical institution." This challenges the traditional notion of the Analects as a collection of fragmented sayings by Confucius and his disciples, as commonly known today. Instead, the manuscript text presents a coherent selection of sayings that demonstrate a consistent linguistic and conceptual logic. This sheds light on the editorial effort

undertaken to establish Confucius as a philosophical figure. Meyer argues that it is crucial to view the Anhui University Analects as representative of the Confucius canonization during the Warring States period.

Returning to rigorous and in-depth exegetical analysis, Cheung Kwong Yue offered a profound reflection on the newly discovered characters 谦 and 诚 found in the Tsinghua Bamboo Manuscripts. He argued that their graphical structures, combined with other supporting evidence, led to the conclusion that a portion of these manuscripts were written down towards the end of the Warring States Period.

The International Academic Forum on "Paleography and Chinese Civilization" is hosted by Tsinghua University and co-organized by the Tsinghua University Research and Conservation Center for Unearthed Text and the Secretariat of the Paleography Program. The forum thoroughly explored the nature of early Chinese writing systems, including oracle bone inscriptions, bronze inscriptions, bamboo and silk manuscripts, and more, and promoted and preserved China's rich traditional culture while fostering exchange and mutual learning between Chinese civilization and global civilizations. Over two days, scholars engaged in discussions organized into four panels: "State and Society in Early China," "The Tsinghua Bamboo Manuscripts," "The Shang and Zhou Scripts," and "The Warring States / Qin and Han Scripts." During the two-day forum, over one hundred scholars, including Martin Kern, Li Ling, Donald Harper, Liu Zhao, and Yuri Pines, conducted extensive exchanges and discussions on the aforementioned topics. The forum exhibits the tangible outcomes and scholarly achievements of the ongoing national cultural initiative known as the "Project on Paleography and the Inheritance and Development of Chinese Civilization" in the reception hall of the main building.



As a prestigious research institution in the field of humanities at the university level, the Tsinghua University Research and Conservation Center for Unearthed Texts has been making significant contributions since its establishment in 2008. It has gained recognition as one of the Key Research Institutes of Humanities and Social Sciences of the Ministry of Education and the leading institute of the National Center of Collaboration and Innovation. The center's primary focus is the preservation, compilation, and scholarly exploration of the Warring States bamboo slips that were salvaged and safeguarded by Tsinghua University. Additionally, the center actively engages in the study of other excavated documents such as oracle bones, bronze inscriptions, and unearthed texts from the Warring States, Qin, and Han periods. It also plays a significant role in the University's implementation of the strong foundation plan and the cultivation of talents in the field of paleography, which encompasses both doctoral and master's degree programs. To date, the center has published twelve volumes of The Tsinghua University Warring States Bamboo Manuscripts, a comprehensive series comprising forty-three volumes titled Compendium of Oracle Bone Tracings, as well as The Tsinghua University Warring States Bamboo Manuscripts: Studies and Translation 1: The Yi Zhou Shu and Pseudo-Yi Zhou Shu Chapters.



2023 Tsinghua Higher Education Forum explores higher education for sustainable development

The morning of October 28 saw the 2023 Tsinghua Higher Education Forum initiated by Tsinghua University in Beijing, themed "Higher Education for Sustainable Development: Global Perspectives and Practices". Anthony Ohemeng-Boama, UNESCO Assistant Director-General, Guan Peijun, Vice President of China Association of Higher Education, and Wang Xiqin, President of Tsinghua University attended the opening ceremony of the Forum, presided over by Yang Bin, Vice President of Tsinghua University.



In his video speech, Anthony Ohemeng-Boama extended his congratulations on the convening of the forum. Ohemeng-Boama emphasized the irreplaceable role of higher education in fostering sustainable, resilient, and peaceful societies. He compared the disparity in higher education access between Sub-Saharan Africa and more affluent regions, advocating for enhanced internationalization and technological integration within educational frameworks. He mentioned the actions taken by UNESCO towards the sustainable development of higher education, pointing out that the Global Convention on the recognition of qualifications in higher education and the UNESCO Qualifications Passport initiative are significant efforts to augment inclusivity and mobility in higher education. Ohemeng-Boama contended that a higher education framework should be established that aligns with the labor market demands, aiming to alleviate educational disparities, enhance academic mobility, and leverage technological advancements to reshape the global educational landscape.



Guan Peijun discussed how to promote sustainable development in higher education. He highlighted the crucial importance of exploring how higher education can achieve sustainability in a complex and ever-changing world. He outlined three dimensions of sustainable higher education: higher education as a part of sustainable development, higher education on sustainable development and higher education for sustainable development. Guan mentioned the "Beijing Initiative", which was formed at this year's World University Presidents' Forum and proposed to promote sustainable development in higher education. He proposed: first, to build an autonomous knowledge system in China; second, to face the world's technological frontier, the main economic battlefield, major national demands and people's health to accelerate the realization of high-level technological self-reliance and self-strengthening; third, to establish global higher education partnerships as a binding force to achieve these goals.

Wang Xiqin extended a warm welcome to all the guests, experts and scholars present at the Forum. He introduced that Tsinghua University initiated the Tsinghua Higher Education Forum in 2022. The first forum, themed "New Roles of Universities in a Changing World", achieved successful results. The 2023 Tsinghua Higher Education Forum focused on "Higher Education for Sustainable Development: Global Perspectives and Chinese Practices".

Wang noted that at the current time, as the world stands at the midpoint of the 2030 Sustainable Development Agenda, human society is facing unprecedented challenges. Education plays a



fundamental, strategic and leading role in the development and progress of human civilization, with higher education at the forefront. Higher education must adhere to global sustainable development, strive for innovation and develop transcendent education. Higher education for sustainable development should open the "time axis", connecting humanity's past, present and future; open the "life axis", promoting harmonious coexistence between humans and nature; open the "space axis", fostering cooperation among nations.

Wang emphasized that Tsinghua University has always attached importance to promoting sustainable development, integrating the concept into talent cultivation, scientific research, social service and campus construction. Tsinghua is willing to strengthen exchanges and cooperation with universities around the world, share responsibilities and work together to build high-quality higher education oriented towards sustainable development. He hoped that the guests participating in this forum would engage in lively discussions, inspire each other, and collectively contribute wisdom for the bright future of higher education and the enduring prosperity of human society.

Sub-forum One took place under the theme of "Higher Education for Sustainable Development: Ideas, Knowledge, and Ethics". Getachew Engida, Co-president of China-Africa Leadership Development Center, Tsinghua and former Deputy Director General of UNESCO, presented a keynote report entitled "The Futures of Higher Education in Times of Discontinuous Change". Simon Marginson, professor of Oxford University presented a keynote report entitled "Higher Education, the Nation-state and Global Sustainability". Li Manli, professor at Institute of Education of Tsinghua University, presented a keynote report entitled "A Framework of Chinese Universities for Sustainable Development: The Healthy Relationship Model and its Contributions". Xu Xiuli, professor of China Agricultural University presented a keynote



report entitled "Learning from the Field: Cultivating New Talents for Sustainable Development". The Sub-forum was chaired by Huang Futao, professor at Higher Education Center, Hiroshima University.

Many experts and scholars from Institute of Education, Tsinghua University, Graduate School of Education, Peking University, Centre for Global Higher Education, Oxford University, Faculty of Education, University of Hong Kong, School of Education, Tianjin University and other global educational institutions participated in the forum.

During the two-day Forum, experts and scholars at home and abroad will focus on ideas and paradigms of sustainable development in higher education, construction and responsibilities of world-class universities, innovation and development in engineering education, and sustainable development education and practices. Sub-forum Two will explore "Building World-class Universities for Sustainable Development" on the afternoon of October 28. On October 29, Sub-forum Three will be held in the morning on "Innovation and Sustainability: Engineering Education for the Future", followed by the Youth Forum in the afternoon on "Youth Perspectives and Actions to Promote Education for Sustainable Development".



Tsinghua Vanke School of Public Health International Advisory Board 2023 Meeting held with key focus on global public health

On November 3rd, Tsinghua Vanke School of Public Health (VSPH) International Advisory Board (IAB) 2023 Meeting was convened at Tsinghua University. Qiu Yong, chairman of the University Council, and Margaret Chan, former director-general of the World Health Organization (WHO) and founding dean of VSPH, were in attendance and delivered keynote speeches. Thirteen distinguished members of the board, both domestic and international, as well as invited experts, participated in the event. The Opening Ceremony was presided over by Wang Kaibo, vice dean of VSPH.



Qiu Yong said that over the past three years, VSPH has made remarkable advancements in talent development, team building, scientific research, social service, and international collaboration, thanks in no small part to the forward-looking and strategic guidance offered by the IAB.

Qiu emphasized the significance of "giving strategic priority to ensuring the people's health and improving policies on promoting public health", as highlighted in the 20th National Congress of the Communist Party of China. Tsinghua University has recognized public health as a pivotal interdisciplinary field, striving to address global challenges and take a leading role in public health and related areas. As the school embarks on a new journey, Qiu hopes that VSPH will firmly grasp the lifeline of high-quality development, harness the potential of interdisciplinary integration as a "catalyst," nurture innovative public health leaders capable of shaping the future, and strive for new development. He

looks forward to the IAB's continued valuable input into the development of Tsinghua University's public health disciplines and global health governance.



Margaret Chan, on behalf of VSPH, expressed her gratitude to the 1st IAB members and all individuals who have steadfastly supported the school's mission. She emphasized VSPH's commitment to the vision of "Based in China, facing the world, serving our community and humanity." The school actively contributes to national strategies and societal needs, innovates in public health talent cultivation, conducts significant public health research, promotes international exchanges and cooperation in the field of health, and engages in global health governance. In July 2022, Tsinghua University was designated as one of the 18 national "high-level schools of public health". To better realize this goal, Chan looks to the board members and experts for deeper guidance in talent cultivation and discipline construction, and hopes they collaborate across sectors to drive the school's development and contribute to global public health and well-being.

Liang Wannian, executive vice dean of VSPH, reported on the significant accomplishments of the school in the past year, covering talent development, scientific research, social services, international collaboration, and the expansion of disciplines and faculty teams, as well as highlighting the school's future focal points.

The meeting featured discussions and recommendations from the board members and



experts. Zhan Qimin, Co-Chair of the 2nd IAB, chair professor at Peking University, and deputy director of the Peking University Academic Committee, along with Harvey Fineberg, chairman of the Gordon and Betty Moore Foundation, led discussions on two critical topics: "How VSPH can train more interdisciplinary public health talents in alignment with the demands of the new era?" and "The characteristics, evaluation system, and evaluation indicators of a high-level school of public health, and how VSPH can attain this development goal".

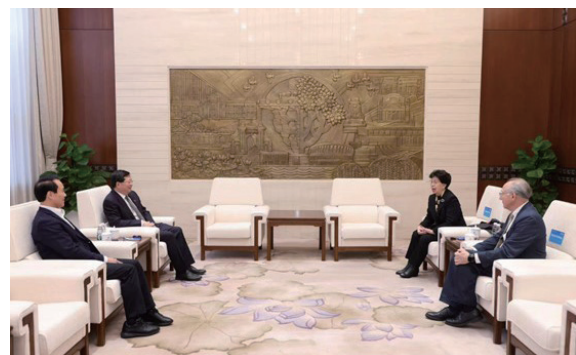
Board members and invited experts praised the school's accomplishments over the past year and engaged in valuable discussions. Insightful topics and recommendations were made on matters including the cultivation of interdisciplinary public health talents; discipline development; scientific research; faculty team construction; the expansion of international

student recruitment; and the advancement of the school's international competitiveness and influence.

In their concluding remarks, Margaret Chan and Harvey Fineberg conveyed their thoughts. Chan affirmed VSPH's commitment to carefully study and implement the various recommendations made by IAB members. The school will focus on overcoming challenges, continuously enhancing talent recruitment, building a faculty team with diverse disciplinary backgrounds, closely collaborating with research institutes, collaborated schools, and other outstanding universities to explore the interdisciplinary approach to talent development, strengthen the data resource system, promote data resource sharing, actively engage in global public health issues, and contribute to global health, drawing on Tsinghua's strengths.

Harvey Fineberg, in his closing remarks, expressed his appreciation for VSPH's remarkable achievements. He reflected on the advice provided by the board members and experts and underscored the importance of building connections with other disciplines, institutions, government entities, communities, and global partners in the journey to create a globally recognized high-level school of public health. He expressed his hope that VSPH would continue to explore more open and innovative institutional mechanisms to achieve excellence in all aspects of its work.





Before the meeting, Qiu Yong and Margaret Chan met with the co-chairs of the 2nd IAB, Zhan Qimin and Harvey Fineberg. They also took a group photo with the domestic and international board members and the invited experts.

This gathering marked the fourth annual meeting of the VSPH IAB since its establishment. More than 30 participants, including leaders of relevant university departments and all faculty members of VAPH, attended the meeting.

3rd World Health Forum advances pandemic preparedness

On November 4th, the 3rd World Health Forum commenced in Beijing, organized by Tsinghua University and co-hosted by Tsinghua Vanke School of Public Health (VSPH) and Tsinghua Institute for Healthy China. The Forum, themed "Preparing the World for the Next Pandemic," attracted prominent scholars, international organization leaders, non-governmental organization heads, global experts, and industry leaders from various corners of the world. They gathered to draw lessons from past pandemics, enhance international and domestic public health systems, and provide robust technological support for future global health.

Distinguished guests attending the Opening Ceremony included Lei Haichao, vice minister and

deputy secretary of the Leading Party Members' Group of the National Health Commission; Sun Yang, deputy head of the National Disease Control and Prevention Administration; Wang Xiqin, president of Tsinghua University; Margaret Chan, former director-general of the World Health Organization (WHO) and founding dean of VSPH; Wang Shi, founder and honorary chairman of China Vanke Co., Ltd, and president of Vanke Foundation; Guo Yanhong, director of the Medical Emergency Division of the National Health Commission; Zhong Dongbo, secretary of the Party Committee of the Beijing Municipal Health Commission; Liang Wannian, executive vice dean of VSPH and dean of Tsinghua Institute of Healthy China; and Harvey Fineberg, co-chair of the VSPH

International Academic Advisory Board, and president of the Gordon and Betty Moore Foundation.

The Opening Ceremony also welcomed notable representatives from domestic and international research and education institutions, provincial and municipal health systems, medical institutions, foreign embassies in China, international organizations, and non-governmental organizations. Over 150 representatives from Tsinghua University, including faculty and students, attended the event. Wang Hongwei, vice president of Tsinghua University, presided over the Opening Ceremony.



In his opening remarks, Tsinghua University President Wang Xiqin highlighted that while academic disciplines and professional roles become increasingly specialized, the challenges facing humanity are becoming more interconnected. Universities, with a focus on integrating talent cultivation and technological innovation, and serving as an important platform for international exchanges and cooperation, must embrace changes to be prepared to address unforeseen major risks. He emphasized the importance of focusing on real-world problems to improve the quality of talent self-cultivation, embracing a systemic approach for ongoing university innovation, and actively promoting international exchange and cooperation with a global perspective. Wang reiterated that following the principle of putting people and their lives first, Tsinghua University has been committed to the development of public health and the showcasing of Chinese expertise in public health. He conveyed the hope that this forum delves into global public health issues, and promotes integration and collaborative innovation across the entire spectrum of universities, research institutions, governments, professional organizations, healthcare systems, and supply chain companies. It is hoped that all parties, guided by

the principle of building a community with a shared future for mankind, can shoulder their historical responsibilities and meet the challenges of our times, and strive to build a healthy China, achieve "Universal Health Coverage", and promote the building of a global community of health for all.



Wang Shi highlighted Vanke Group's cultural values and their connection to public health safety and global climate change. He underlined the strong bond between Vanke Group and Tsinghua University, both committed to promoting green and low-carbon development and supporting public health development. Through VSPH, Vanke aims to continue contributing to scientific research related to human health and improving living environments to safeguard public health.



Margaret Chan emphasized the active exploration of pandemic response and challenges, not merely reflecting on past hardships but also embarking on a path that focuses on strengthening prevention, building resilience, and unwavering dedication to fairness. She outlined three key aspects to address pandemic challenges, including building a robust and adaptable healthcare system, advancing global cooperation, improving the global health governance framework, and harnessing scientific innovation for enhanced monitoring and precision.



Lei Haichao emphasized the importance of a strong public health system as a defense against major epidemics. He called for the integration of medical and health prevention, stronger links between disease control departments and communities, and improvements in early detection and monitoring. Lei also highlighted the need for increased investment in healthcare innovation and the development of a comprehensive legal framework in public health.



Sun Yang shared China's experiences in pandemic prevention and discussed new developments in monitoring, early warning, and emergency response in four aspects. He proposed four key aspects for effective pandemic prevention and control, including promoting high-quality disease control, expanding monitoring and early warning, improving plans and preparedness, and establishing a global system for responding to public health emergencies.



Following the subsequent plenary session, discussions revolved around the forum's theme, including the summary of experiences in pandemic response, sharing of preparedness actions by various countries, methods of global collaboration, and innovative health strategies of different nations. The plenary session was moderated by Liang Wannian, executive vice dean of VSPH and dean of Tsinghua Institute of Healthy China.



Christopher Elias, President of Global Development Division of the Bill & Melinda Gates Foundation, based on the Global Preparedness Monitoring Board's work and annual report, issued four calls to address the global pandemic preparedness challenges: strengthening the monitoring and accountability framework, improving funding through corporate partnerships for sustainability and equity, enhancing collaborative research and innovation, and promoting cross-departmental coordination and cooperation.



Richard Horton, Editor-in-Chief of the Lancet, stressed in his keynote speech video that pandemics are a result of complex interactions between biology and society, requiring an interdisciplinary approach for understanding. He also highlighted the importance of high-quality public health systems, improving population health, and reducing societal inequalities to address concurrent epidemics effectively.



Harvey Fineberg emphasized the importance of balancing national interests and global equity in pandemic preparedness, urging discussions and resource allocation for greater equality. He also stressed the responsibility of scientists to provide honest, evidence-based information to the public and highlighted the long-term investment in health and human security as a priority.

The forum includes a plenary session, three sub-forums, and a youth forum over two days, addressing the pressing concerns amidst the evolving global health landscape. Over 150 guests from 14 countries and regions deliver 42 high-level keynote speeches and participate in engaging discussions.

About the World Health Forum

The World Health Forum was initiated by Tsinghua University in 2021. It provides a platform for dialogue, academic exchange and experience sharing, to strengthen capacity building and system building of global health governance, and to contribute to the UN 2030 Agenda for Sustainable Development and the building of a global community of health for all.



Margaret Chan reflected on her experiences in the field of public health and presented the following key points: firm and robust policy support is essential to swiftly respond to public health crises; strong scientific research provides the basis for effective actions; a resilient public health system is critical for achieving universal health coverage; and nurturing young leaders in public health is a vital force to address future public health challenges.

Modern Governance Forum held

The Modern Governance Forum, sponsored by Tsinghua University and the Chinese Public Administration Society and organized by the School of Public Policy and Management at Tsinghua University (Tsinghua SPPM), was held at Tsinghua University on the evening of November 11.

Gao Yunlong, vice chairman of the 14th CPPCC National Committee, chairman of the All-China Federation of Industry and Commerce, and president of the All-China Chamber of Industry and Commerce; Wang Xiqin, president of Tsinghua University; Li Baorong, president of the Chinese Public Administration Society; John L. Thornton, executive chairman of Barrick Gold Corporation and co-chair of the Board of Trustees of the Asia Society, attended the opening and delivered speeches. Peng Gang, vice president and provost of Tsinghua University, presided over the opening of the event.



In his speech, Gao Yunlong shared that promoting high-quality development through modern governance requires a high-level talent system; constructing a modernized nation necessitates actively building a fair, just, inclusive, and unified talent development ecosystem; fostering a new development pattern through modern governance requires more in-depth communication and cooperation; establishing cross-disciplinary, diverse, and effective communication mechanisms can better assist decision-making, promote inclusive development, and facilitate diverse progress; promoting high-level opening-up through modern governance requires a broader global vision. It is essential to actively advocate an open-minded approach, to foster the formation of a high-level

opening-up environment, to seek systematic solutions for global development and governance, and to create a globally oriented open development ecosystem. He hopes that Tsinghua SPPM continues building a robust platform for communication and cooperation, forming public governance consensus with a global vision, and making greater contributions to China's modernization and the building of a global community with a shared future.



Wang Xiqin welcomed guests attending the forum. He pointed out that achieving modernization is a common goal diligently pursued by countries worldwide in modern times. The forum, themed "Modernization and Global Public Governance," aims to explore how to create a more open, inclusive, collaborative, and diverse governance model during the modernization process, effectively addressing global challenges and promoting global development. Universities must actively play a role and take initiative, providing talent support, solutions, and spiritual strength for modernization and global public governance. Looking ahead, he pledged Tsinghua University will focus on constructing an indigenous knowledge system in the context of Chinese-style modernization, explore new paradigms for national governance and global governance in the new era, facilitate candid dialogue and cooperation among scholars and administrators from various countries, and contribute to building a more open, inclusive, and effective global governance framework.

Li Baorong stated that the Communist Party of China (CPC) attaches great importance to the issue of modernizing national governance. Since the 18th National Congress, the CPC Central Committee with Comrade Xi Jinping at its core has formulated a



series of top-level designs, focusing on accelerating the building of a service-oriented government that satisfies the people, further clarifying the relationship between the government and the market and enhancing the efficiency of government governance. The advent of the digital era provides a historic opportunity for the development of the discipline of public administration. It is necessary to further leverage practical applications and advance the theoretical construction and practical innovation of governance modernization through methods such as investigative research, policy recommendations, talent cultivation, and social services.



John L. Thornton expressed the hope that Tsinghua SPPM could establish a global repository and platform that gathers high-quality policy recommendations and showcases the best practices of Chinese government governance. He envisions creating a more accessible channel for knowledge acquisition, becoming a center and hub for the world to perceive and understand China, continuously enhancing its discourse power in the global public governance system.



Following the opening ceremony, two sub-forums were held with the themes "Governance Modernization and State Development" and "Public Governance and Global Governance". Zheng Yaodong, executive vice president and secretary-general of the 8th Council of the Chinese Public Administration Society, and Peng Zongchao, secretary of the CPC Tsinghua SPPM Committee presided over the sub-forums, respectively.



Zhu Xufeng, dean of Tsinghua SPPM and vice president of the Chinese Public Administration Society, provided a summary of the forum to conclude the event. He expressed gratitude to all the distinguished guests, experts, and scholars who attended the event.

The forum is one of the series of events for the 2022 Tsinghua SPPM Global Advisory Board (GAB) Meeting, with the theme "Modernization and Global Public Governance."

Tsinghua SPPM holds 2023 Global Advisory Board Meeting

On November 11th, 2023, Tsinghua University School of Public Policy and Management (Tsinghua SPPM) held its 2023 Global Advisory Board Meeting (hereinafter as GAB Meeting), centered on the theme of "Modernization and Global Public Governance". Gu Shengzu, Vice Chairman of the 13th National Committee of the Chinese People's Political Consultative Conference (CPPCC), and Qiu Yong, chairman of Tsinghua University Council, actively participated in the meeting and delivered their remarks. A keynote speech was made by Lou Jiwei, Former Minister of Finance, PRC.

Peng Zongchao, Party Secretary of Tsinghua SPPM, moderated the opening ceremony. From the international participants, John L. Thornton, Executive Chairman of Barrick Gold Corporation and Co-Chair of the Board of Trustees of the Asia Society, moderated the closed-door meeting of the GAB members and invited guests. Zhu Xufeng, Dean of Tsinghua SPPM, presented to them the 2023 Work Report of Tsinghua SPPM.

The esteemed GAB members and guests attending the meeting successively shared their remarks and provided valuable suggestions in response to the 2023 Work Report of Tsinghua SPPM presented by Dean Zhu Xufeng. Prominent representatives and practitioners of public management included

Wu Hongbo, Special Representative of the Chinese Government on European Affairs and Former Under-Secretary-General of the United Nations; Tam Yiu-chung, Vice President of the Chinese Association of Hong Kong and Macao Studies; Irina Bokova, Former Director-General of UNESCO; and Wu Bo, Chief Executive Officer of China International Capital Corporation Limited. Outstanding scholars from the academic field present in the meeting included Danny Quah, Dean of the Lee Kuan Yew School of Public Policy, National University of Singapore; Yan Jirong, Dean of the School of Government, Peking University; Yan Jinming, Dean of the School of Public Administration and Policy, Renmin University of China; Jiang Xiaojuan, President of the China Society of Industrial Economics and Professor of the University of Chinese Academy of Social Sciences; along with other notable GAB members and guests.

In the evening, the Modern Governance Forum was held at Tsinghua University. Wang Xiqin, President of Tsinghua University, gave welcome remarks and Peng Gang, Vice President of Tsinghua University, moderated at the opening ceremony of the Forum.

Heads, members and teaching personnel belonging to relevant school departments at Tsinghua University and Tsinghua SPPM also took part in the meeting.



2023 Global Youth Climate Week to advance youth-led climate action

The 2023 Global Youth Climate Week was launched on November 20th, marking the commencement of a five-day spectacular journey led by young people worldwide dedicated to advancing global climate action.

The Global Youth Climate Week Launching Ceremony was organized by the Global Alliance of Universities on Climate (GAUC) at Tsinghua University. Scheduled a week ahead of each COP, this international mechanism calls on global youth to pool their climate actions to facilitate progress in global climate governance and the success of each UN Climate Change Conference. The ceremony also featured the 2023 Global Youth Summit on Net-zero Future, co-hosted by GAUC and UNESCO.

Wang Hongwei, Vice President of Tsinghua University, and Shahbaz Khan, Director of UNESCO Regional Office for East Asia addressed the ceremony. The event was also honored with remarks from XIE Zhenhua, Special Envoy for Climate Change of China, announced by Li Zheng, Secretary-General of GAUC, who moderated the event.



In his opening remarks, Wang Hongwei stated, "The 2023 Global Youth Climate Week engages an even broader spectrum of multi-stakeholders around the world. I am proud to share that in the following days, Tsinghua University will host the second Tsinghua Climate Week." He also mentioned the specific actions of GAUC by training local youth climate leaders, leveraging Asian Universities Alliance's regional strength in tackling the continent's unique climate issues, and collaborating with UNESCO and global organizations.





Xie Zhenhua stated in his remarks to the 2023 Week, "COP28 emphasizes implementation and action. It marks the first time the global community will comprehensively review the implementation of the Paris Agreement. Despite the multiple differences and challenges faced by various parties, it is crucial to adhere to the principles and framework of the Paris Agreement. I hope young people can fully grasp the global trend, actively seek solutions for global climate governance, and achieve self-fulfillment in the process."

"The Global Youth Climate Week is a vital initiative as it links to the United Nations' Sustainable Development Goals (SDGs)," said Shahbaz Khan. "I strongly believe that within our lifetimes, there is hope for a world where we have solved issues like climate change issues, water scarcity, food shortages, poverty, and where no one is left behind."

The ceremony continued with great anticipation as it unveiled the "Message to Youth" video, a poignant and inspirational testament to the unwavering commitment of global climate leaders to the future leaders of our world. In this stirring video message, esteemed figures from the forefront of the climate movement shared their heartfelt encouragement and high expectations for the Global Youth Climate Week.



UN Special Adviser to the Secretary-General on Climate Action Selwin Hart, Former French Climate Change Ambassador and Special Representative for COP21 Laurence Tubiana, Former Peru Minister of Environment Manuel Pulgar-Vidal, Former President of Ireland Mary Robinson, Singapore Minister for Sustainability and the Environment Grace Hai Yien Fu, Former Executive Secretary of UNFCCC Patricia Espinosa, Former US Special Envoy for Climate Change Jonathan Pershing, Director General of IRENA Francesco La Camera (Left-right, up-down).



Recognizing the obstacles youth face in advancing climate solutions, GAUC proposed the establishment of the Week to the secretariat of the United Nations Framework Convention on Climate Change (UNFCCC) in February 2022, co-initiating it with over 100 global partners. The then UNFCCC Executive Secretary Patricia Espinosa praised the Week as "an impactful contribution to the UNFCCC process."

Leveraging GAUC's "Climate x" Campaign 2023, the second Global Youth Climate Week features the launch of its official website and registered events by close to 1000 college students from over 300 universities in 74 countries and regions. These students, enrolled in GAUC's 2023 "Climate x" Leadership Training Program, have participated in interdisciplinary lectures and organized around 200 events ahead of the Week, impacting over 20,000 people in their local communities.

Alice HO, the Chief Youth Officer of GAUC, presented the history and highlights of the 2023 Global Youth Climate Week.

The launch ceremony of the Week 2023 was followed by the 2023 Global Youth Summit on Net-Zero Future (the Summit), one of the flagship projects of the Week. Ahead of the event, the Summit received close to 300 innovative solutions regarding the four topics from global college students, namely the synergies between climate change and clean power, health, disaster, and sustainable fashion. 10 outstanding young innovators were selected to join the panel discussions of the Summit, where they exchange ideas with leading experts from academia and industry. Enterprise executives and experts from Mercedes-Benz, Kering Group, World Health Organization, Institute of Geographic Sciences and Natural Resources Research, GE Healthcare, Amazon Web Services, and PIESAT conducted in-depth exchanges with young innovators.

Reflecting the "By Youth, For Youth" spirit of this climate festival, the Summit was a youth-led event designed and organized by a committee composed of students from GAUC's "Climate x" Training Program, representing 10 universities in seven countries.



Global MOOC and Online Education Conference 2023 held in Italy

Under the theme "Reconstruction of Future Universities and Education Driven by Artificial Intelligence," the 2023 Global MOOC and Online Education Conference was convened in Milan. This event, jointly hosted by the Global MOOC and Online Education Alliance and the UNESCO Institute for Information Technologies in Education and co-organized by Tsinghua University and Politecnico di Milano, brought together a distinguished gathering of experts and policymakers from over 20 countries, including China, Italy, the United States, Australia, France, the United Kingdom, Singapore, Chile, Indonesia, Thailand, and more. The conference focused on exploring the expanding influence of Artificial Intelligence in transforming higher education landscapes globally.



The conference was brought to a meaningful close with remarks from Zhan Tao, Director of the UNESCO Institute for Information Technologies in Education. He celebrated the collective achievements of the conference, emphasizing the vital role of international cooperation in harnessing AI for the betterment of educational systems globally.

UNESCO's Vision for AI and Education



In her opening address, Stefania Giannini, UNESCO Assistant Director-General for Education, delved into the impact of the rapid development of generative AI in the educational sector. She underscored the need to address fundamental questions shaping the future of knowledge, education, and human learning in this era of digital transformation. Giannini highlighted UNESCO's dedicated efforts in collaborating with academic institutions, think tanks, and nations worldwide, focusing on developing comprehensive guidance on generative AI and establishing competency frameworks for students and teachers. She further recognized the vital role of the Global MOOC and Online Education Alliance in this journey, noting, "The Alliance has been a pivotal partner for UNESCO, driving forward innovative educational solutions globally."

China's Strategic Blueprint for Digital Education Advancement



Wu Yan, Vice Minister of the Ministry of Education, China, delivered an in-depth presentation on China's strategic initiatives in digital education. He detailed China's progression from fundamental infrastructural development to integrating intelligent technologies in teaching, exemplifying the nation's approach to enhancing connectivity, diversifying educational content, and fostering collaborative educational models.

In recent years, China has emerged as a leader in enhancing digital education, evidenced by its establishment of a more efficient, interconnected learning environment, the development of a diverse range of educational resources, and the implementation of extensive, smart technology-driven

approaches across various educational settings. Wu Yan also emphasized China's dedication to international collaboration, envisioning joint efforts with global partners to navigate and capitalize on the opportunities presented by the digital era. He anticipated transformative changes by fully embracing and utilizing digital technology – from revolutionizing student learning and teacher instruction to redefining educational governance and the broader educational ecosystem. This collaborative vision aims to contribute to developing a future for higher education that is more dynamic, inclusive, and of elevated quality.

Landmark Reports Released by Yang Bin and Giuliano Noci

During the Conference, Yang Bin, Vice President of Tsinghua University and Special Representative of the Chair of the Global MOOC and Online Education Alliance, and Giuliano Noci, Vice-Rector for China of Politecnico di Milano, jointly released the INFINITE POSSIBILITIES - Report on the Digital Development of Global Higher Education 2023 and The Digital Development Index of Global Higher Education 2023. The report represents the collective expertise of nearly 130 specialists from 36 leading global institutions on the future digital development of higher education. It offers a thorough exploration of the progressive stages of digital technology in the educational sector, delineates emerging educational models, projects forthcoming trends in this field, and proposes six strategic actions to address contemporary challenges in digital education.

The Index measures digital progress in higher education through key aspects: digital educational methods, school management models, administrative systems, and guarantee mechanisms. This tool is a valuable resource for countries to refine and advance their digital education strategies.

Expanding the Global Alliance

The conference marked the expansion of the Global MOOC and Online Education Alliance, including the UK's FutureLearn platform, the Indonesian Cyber Education Institute, and the National Autonomous University of Mexico. This growth reflects the Alliance's increasing influence and commitment to fostering global educational innovation.

Global Dialogue and Collaborative Insights

The conference featured discussions on empowering STEM education, promoting educational equity, enhancing teacher digital literacy, and utilizing AI to augment educational practices.

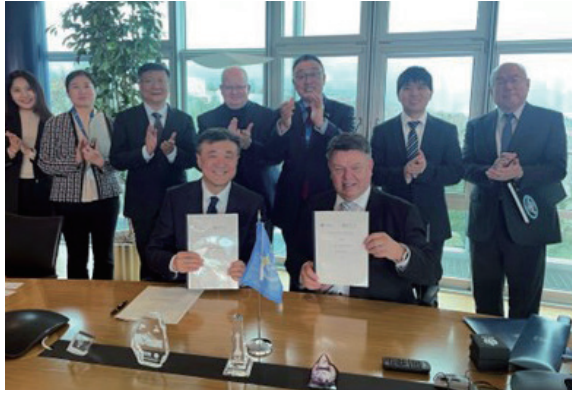
More than 60 esteemed experts, government officials, and practitioners engaged in dynamic discussions at the conference. They explored the nexus of AI and future skills in digital higher education, setting the tone for future collaborations. The conference, attended by representatives from more than 70 universities, online platforms, and international organizations, underscored the importance of global dialogue in shaping the digital transformation of higher education.

About the Global MOOC and Online Education Alliance

The Global MOOC and Online Education Alliance is composed of members from 16 universities and five online education institutions, representing 15 countries across six continents. Its mission is to foster consensus on educational development, unite innovative efforts, share hands-on experiences, and deliver insights into technological progress. The Alliance is dedicated to promoting international collaboration and advancing the frontiers of online and MOOC-based education worldwide. The Secretariat of the Alliance was established at Tsinghua University, which also serves as the inaugural chairing institution.



Tsinghua and World Meteorological Organization join hands in collaboration



On December 13 (Geneva time), Yang Bin, vice president of Tsinghua University, paid an official visit to the World Meteorological Organization (WMO) in Geneva and had a meeting with Petteri Taalas, the secretary-general of WMO. On behalf of Tsinghua, Yang Bin signed a Memorandum of Understanding (MoU) with Petteri Taalas to mark the commencement of strategic cooperation. The meeting was presided over by the Assistant Secretary-General of WMO, Zhang Wenjian.

During the meeting, Yang Bin expressed his congratulations to WMO for its leading role in global development. He provided an overview of Tsinghua University and highlighted the progress made in implementing the University's Global Strategy 2030. Yang emphasized that Tsinghua continues to focus on strengthening international collaborations in talent development and scientific research. Tsinghua has established multiple joint educational programs, and four overseas bases in the United States, Chile, Italy, and Indonesia. This strategic initiative aims to build a high-quality international talent cultivation system and promote global exchange and cooperation. Yang further underscored that Tsinghua firmly supports the development of earth science, public health, and related disciplines, actively shoulders its responsibility to address climate change and global health

challenges, and promotes sustainable development through education and scientific research.

Petteri Taalas warmly welcomed Yang's visit, acknowledging Tsinghua's dedicated efforts and accomplishments in tackling global challenges, including climate change and public health, through interdisciplinary and multi-sectoral collaborations. He highlighted Tsinghua's pioneering initiative to establish the "Global Alliance of Universities on Climate Change", leading top universities worldwide to contribute to global climate governance with collaborative efforts. Taalas emphasized that the signing of the MoU with Tsinghua signifies a crucial step for WMO in promoting Public, Private and Academic Engagement. He expressed hope that, by leveraging Tsinghua's comprehensive advantages across various disciplines, both parties can better address global challenges in meteorology, climate, hydrology, earth science and public health collaboratively, providing elevated intellectual support for critical decision-making.

Following the meeting, Yang Bin and Petteri Taalas signed the MoU, outlining both parties' commitments to deepen cooperation in forward-looking scientific research, talent development, students and faculty exchange, and to enhance the quality and accessibility of information services in meteorology, hydrology, environment, and health-related fields. This collaborative effort aims to collectively address rapidly emerging and evolving societal needs.

SCIENTIFIC INNOVATION

Chinese HTR-PM Demo begins commercial operation

Following a 168-hour demonstration run, HTR-PM (High Temperature gas-cooled Reactor Pebble-bed Module) Demo in Shidao Bay, Shandong Province of China, the world's first modular high temperature gas-cooled reactor nuclear power plant, entered commercial operation on December 6, China's National Energy Administration (NEA) has announced.

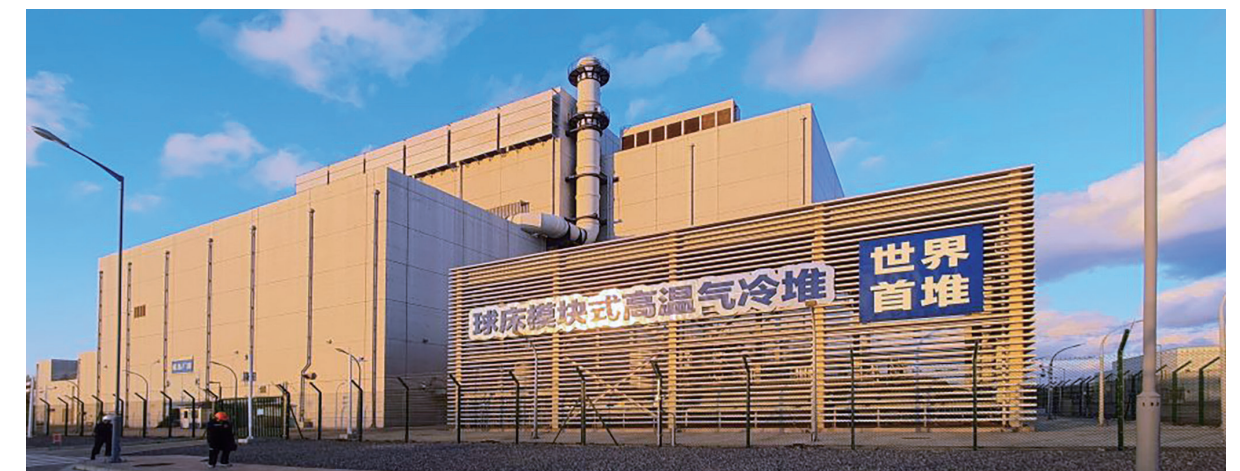
The plant consists of two HTR-PM reactor modules and a common steam turbine. The construction permit was issued, and the first concrete was poured on December 9, 2012. The operation permit was granted on August 20, 2021, and the plant was connected to the grid on December 20, 2021. It is operating at 2x200MWt power currently. The plant employs more than 2,200 sets of first-of-a-kind equipment, and more than 660 sets of innovative equipment. The supporting fuel element production line has the largest production capacity in the world.

The HTR-PM Demo project is a collaborative effort of Tsinghua University as a technical leader, responsible for R&D and main components and systems design, China Huaneng Group Co. as the owner and operator of the plant, and China National Nuclear Co. (CNNC) as the Engineering, Procurement, and Construction (EPC) contractor and the fuel manufacturer. Professor Zhang Zuoyi, the director of Institute of Nuclear and

New Energy Technology (INET), Tsinghua University, is the chief scientist and chief engineer of the project.

HTR-PM is a Generation IV nuclear energy technology and a Small Modular Reactor. Two safety demonstration tests were conducted on the two reactor modules, each at a power of 200MWt, on August 13 and September 1, respectively. The normal energy transfer driven by power was stopped during the tests. The measured nuclear power and temperatures within the different reactor structures, described how the reactors were naturally cooled down, without human intervention or emergency core cooling systems. The tests confirmed that commercial-scale reactors could be cooled down naturally without emergency core cooling systems for the first time in the world. It is the so-called inherently safe reactor.

The major purpose of HTR-PM is to co-generate high temperature steam up to 500 C and electricity. It is currently cost-effective in the Chinese market to supply steam and electricity for the petrochemical industry to substitute the burning of natural gas and coal. This breakthrough technology is recognized to play a positive role in optimizing energy structure and achieving China's "dual carbon" goal. Several commercial projects are under preparation in China.



China launches ultra-high-speed next-generation Internet backbone

BEIJING, Nov. 13 (Xinhua) -- China has launched the world's first ultra-high-speed next-generation Internet backbone with a bandwidth of 1,200G bits per second (1.2T), according to a press conference held at the Tsinghua University in Beijing on Monday.

The ultra-high-speed next-generation Internet backbone, jointly developed by Tsinghua University, China Mobile, HUAWEI and CERNET.com Corporation, boasts a total transmission network spanning more than 3,000 kilometers linking the three cities of Beijing, Wuhan and Guangzhou.

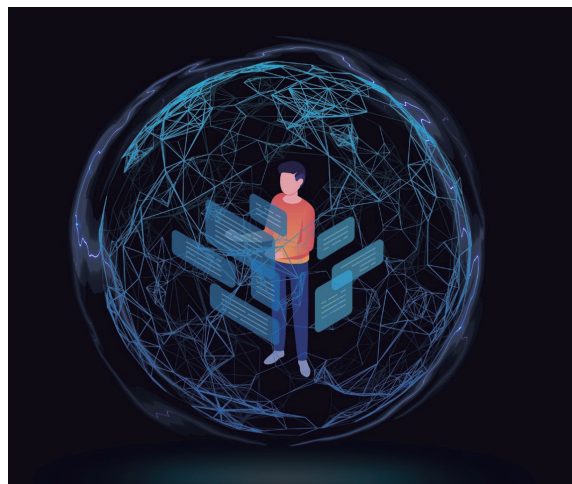
The FITI backbone is a major technological achievement of the national Future Internet Technology Infrastructure (FITI) project. Since its trial operation on July 31 this year, the FITI backbone has running stably and reliably, successfully passing various tests.

The FITI backbone is operated based on China's domestically-owned key technologies such as the next-generation Internet core router 1.2T ultra-high-speed IPv6 interface and the ultra-high-speed multi-path aggregation. Both the software and hardware of the FITI backbone are made domestically.

The FITI, built by 40 Chinese universities including Tsinghua University, is based on IPv6 technology. The core nodes of its high-performance backbone network are distributed in 40 universities in 35 cities across the country.

In April 2021, the high-performance backbone network of the FITI started operation, achieving interconnection with IPv4/IPv6 test facilities both at home and abroad.

Tsinghua team reaches milestone in complex socio-technical system



Tsinghua University's Department of Electronic Engineering has recently collaborated with the School of Public Policy and Management to reach a milestone in the field of complex socio-technical systems. Through large-scale empirical research and theoretical modeling of information dynamics, this work is the first to reveal the underlying mechanisms behind the emergence of information cocoons in online media. This work offers a novel perspective on understanding the complex socio-technical systems of human-AI interactions in today's intelligent society. This work has been published online in Nature Machine Intelligence under the title "Human-AI adaptive dynamics drives the emergence of information cocoons".

nature machine intelligence

Human-AI adaptive dynamics drives the emergence of information cocoons

Received: 30 March 2023 | Jinghua Piao^{1,2}, Jiazhen Liu^{1,2}, Fang Zhang¹, Jun Su² & Yong Li^{1,2} | Accepted: 6 September 2023

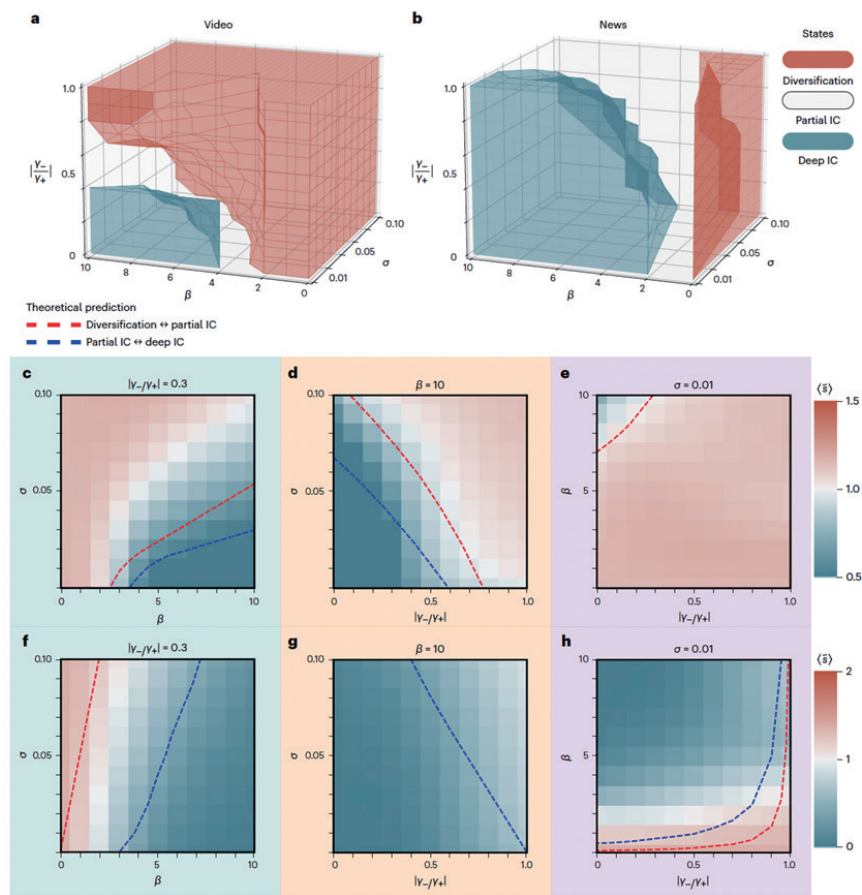
The rapid development of next-generation information and intelligent technologies is driving humans towards an intelligent society. Empowered by digital technology and recommendation algorithms, platforms are becoming more user-centric, consistently providing content with users' personalized preferences and needs. However, the precision of recommendations has given rise to the phenomenon of the "information cocoons" where like-minded groups gather, and specific opinions within these groups amplify, gradually leading to extreme ones. Each extreme opinion regarding celebrities or societal events can be harnessed as a tool for ideological infiltration, fueling public sentiment in both the online space and the real world. Nevertheless, despite these concerns,

our understanding of information cocoons remains limited: How severe is the phenomenon of information cocoons in real-world online systems? There is a lack of large-scale empirical research. What are the mechanisms behind it? There is a lack of theoretical framework. How can we address it? Effective solutions are still lacking.

The Center for Urban Science and Computation Research at the Department of Electronic Engineering, Tsinghua University, commenced the research on governance, planning, and decision-making in complex intelligent society in 2014. Led by Professor Yong Li of the Research Center, the group's doctoral student Jinghua and postdoctoral researcher Jiazhen Liu, based on the group's technical accumulation in intelligent society and complex systems, and in cooperation with Professor Jun Su's team of School of Public Policy and Management, they reveal the underlying mechanisms behind the emergence of information cocoons. This work focuses on two typical scenarios: news and video content. By analyzing the behavioral data of 570 million users and using information



(a-c) Focusing on news and video scenarios, they quantify the severity of real-world information cocoons. (d-f) Similarity-based matching and positive/negative feedback are important factors in the formation of information cocoons. (g) Overview of Adaptive Information Dynamics Model.



State Transitions, (a-b) Three-dimensional state diagrams in simulations initialized by the video and news datasets. (c-e) Cross-sections of three-dimensional diagrams of simulations initialized by the video dataset. (f-h) Cross-sections of three-dimensional diagrams of simulations initialized by the news dataset.

entropy to measure the severity of information cocoons, this work reveals that after one year of interactions, more than 57% of active users have experienced varying degrees of decreased information entropy. This signifies the severity of information cocoons within real-world systems. Building upon these empirical findings, the work proposes an adaptive information dynamics model to model the critical feedback loops between humans and recommendation algorithms. It characterizes the state transition process of information cocoons through the evolution of system information entropy. From the perspective of non-equilibrium statistical physics, this model predicts critical transitions between three states: diversification, partial information cocoons, and deep information cocoons. This work provides a theoretical method for understanding major social

issues resulting from adaptive information dynamics in complex human-AI interaction systems.

Author: Doctoral student Jinghua Piao, Postdoctoral researcher Jiazhen Liu, and Professor Yong Li from the Center for Urban Science and Computation Research at Department of Electronic Engineering, Tsinghua University, are the lead authors and corresponding author of this paper, respectively. Professor Fang Zhang and Professor Jun Su at School of Public Policy and Management co-authored this paper. This work was supported in part by the National Key Research and Development Program of China under grant 2020AAA0106000 to Yong Li, the National Natural Science Foundation of China under grants 72104126 to Fang Zhang, 71721002 to Jun Su, U1936217 and U22B2057 to Yong Li.

The China Launch Event of the 2023 Report of The Lancet Countdown on Health and Climate Change

The 2023 China Report of the Lancet Countdown on Health and Climate Change (China Report) was recently launched in Beijing. This report was authored by 76 experts from 26 major institutions both domestically and internationally, led by the Lancet Countdown Regional Centre for Asia based in the Department of Earth System Science at Tsinghua University. The Vice President of Tsinghua University, Zeng Rong, delivered an online speech at the launch. Gong Peng, Co-Chair of the Lancet Countdown and Vice-President of the University of Hong Kong, and Helena Wang, Senior Executive Editor for The Lancet in Asia, attended and addressed the event in person.



Gong Peng reviewed the development history of the Global report of the Lancet Countdown and the China report over more than ten years. He emphasized the importance of both international and domestic cooperation. Convenient online communication methods have further promoted collaboration across departments, units, and schools, while also nurturing a large number of young scholars, which is a significant experience.



Zeng Rong stated that the Department of Earth System Science of Tsinghua University, leading top institutions both in China and abroad, compiled and published the China Report. This report provides valuable ideas for supporting the construction of "Healthy China" and "Beautiful China" and promoting ecological civilization, as well as offering a Chinese perspective and solutions to the global climate crisis and improving public health.



Helena Wang recounted The Lancet's history of focusing on climate change issues and its collaboration experiences with Chinese teams. She acknowledged the academic achievements of the Department of Earth System Science of Tsinghua University and the Lancet Countdown Regional Centre for Asia, and conveyed her hope that the issues of climate change and health will receive increasing attention. She also urged more platforms and talents to join and promote these topics.



Zhang Shihui, postdoctoral researcher the Department of Earth System Science of Tsinghua University, interpreted the key findings of the China Report as well as the implications of the Global Report to Asia at the launch event.



Luo Yong, Department of Earth System Science of Tsinghua University, stated in his summary speech



that the department will continue to support the Countdown report authors in their further work. He anticipates that the report will enhance the public's ability to prevent extreme climate events and scientific knowledge reserves, strengthen the society's capacity to address health risks posed by climate change, and establish the concept that everyone is primarily responsible for their health, collectively striving for a win-win future for climate change and public health.

After the report release, a panel discussion was held. Participants included Yong Luo, Minghui Ren, former Assistant Director-General of the WHO and Professor at Peking University, Qingliang Zhou, Chair of the Co-Services Group for Region II of the World Meteorological Organization and Director of Operations at the World Meteorological Centre (Beijing), Yichun Yu, an emergency doctor at Beijing Hospital, Fanchao Diao, principal of The Paper's "Tipping Point", and Suqin Han, Director of the Tianjin Environmental Meteorological Center. They discussed global governance issues related to climate change and public health, as well as innovative measures for dealing with health risks from climate change, answering questions from the audience. The panel discussion was co-hosted by Helena Wang and Wenjia Cai, a professor Department of Earth System Science at Tsinghua University and head of the Lancet Countdown Regional Centre for Asia.

Tsinghua research team achieve breakthrough in cumulative reasoning with large language models

Despite remarkable advances in large language models (LLMs), AI algorithms often struggle to consistently provide accurate solutions for complex logical inference tasks. To address the limitations, Andrew Chi-Chih Yao and Yang Yuan's research team recently proposed a "Cumulative Reasoning (CR)" framework, which has significantly boosted the accuracy rate by achieving 98% precision in logical inference tasks, and realized 43% relative improvement in the most challenging level 5 MATH problems.

Previous approaches, such as the Chain-of Thought (CoT) that "prompts the model to provide stepwise solutions" and the Tree-of-Thought (ToT) that "models the thinking process as a thought search tree", have overlooked the site for storing intermediate results. The CR framework has been designed to fill the gap by decomposing unmanageable tasks into atomic steps and maintaining a storage site for intermediate results. Specifically, the CR algorithm utilizes three distinct types of LLMs: the proposer, verifier, and reporter. When the proposer model suggests the next steps based on the given context, the verifier model scrutinizes the proposed steps and then adds validated steps to the ongoing reasoning context. Meanwhile, the reporter model evaluates when the iterative and cumulative reasoning process can be completed.

This framework has been tested on several datasets, including FOLIO wiki and AutoTnLI for logical

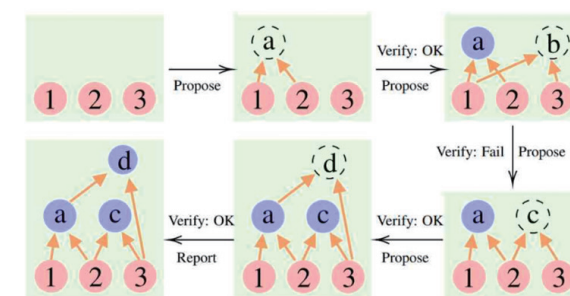


Figure 1. An Illustration of CR Reasoning for a 3-premises problem

Table 5: Comparative performance on the MATH dataset using GPT-4. We adopted a default temperature setting of $t = 0.0$, consistent with prior research settings (greedy decoding). PHP denotes the application of the progressive-hint prompting. "Iters" represents the average number of LLM interactions, and Overall reflects the overall results across MATH subtopics.

| w/ PHP | MATH Dataset (* denotes using 500 test examples subset following Lightman et al. (2023)) | | | | | | | Overall |
|---|--|-------------|-------------|-------------|-------------|--------------|-------------|--------------|
| | InterAlgebra | PreAlgebra | Geometry | NumTheory | Probability | PreAlgebra | Algebra | |
| CoT (OpenAI, 2023) | X | - | - | - | - | - | - | 42.50 |
| Complex CoT (8-shot) (Zhang et al., 2023) | X | 23.4 | 26.7 | 36.5 | 49.6 | 53.1 | 71.6 | 50.36 |
| (hers) | ✓ | 26.3 | 29.8 | 41.0 | 55.7 | 56.1 | 73.9 | 53.00 |
| | | 3,243 | 3,345 | 3,223 | 3,170 | 2,822 | 2,320 | 2,476 |
| Complex CoT* (8-shot) | X | 29.0 | 33.9 | 34.1 | 46.8 | 47.4 | 62.1 | 48.80 |
| (hers) | ✓ | 38.9 | 30.4 | 43.9 | 52.2 | 50.0 | 66.2 | 53.00 |
| | | 2,7629 | 2,4643 | 2,7805 | 2,7581 | 2,4474 | 2,3780 | 2,5484 |
| CR* (ours, 4-shot) | X | 28.9 (+0) | 38.4 (+4.5) | 39.8 (+5.7) | 54.8 (+8.0) | 57.8 (+10.2) | 71.8 (+5.7) | 58.3 (+0.48) |
| (hers) | ✓ | 32.0 (+3.1) | 35.7 (+1.3) | 43.9 (+4.0) | 59.7 (+4.9) | 62.1 (+4.3) | 74.8 (+3.0) | 58.0 (+0.20) |
| | | 2,659 | 2,482 | 2,522 | 2,290 | 2,205 | 2,215 | 2,348 |

Table 6: Comparative performance on the MATH dataset using GPT-4 for different difficulty levels.

| w/ PHP | MATH Dataset (* denotes using 500 test examples subset) | | | | | Overall | |
|-----------------------|---|-------------|-------------|-------------|-------------|-------------|---------------|
| | Level 5 | Level 4 | Level 3 | Level 2 | Level 1 | | |
| CoT (OpenAI, 2023) | X | - | - | - | - | 42.50 | |
| Complex CoT* (8-shot) | X | 22.4 | 38.3 | 62.9 | 72.2 | 79.1 | 48.80 |
| (hers) | ✓ | 23.9 | 43.8 | 63.8 | 86.7 | 83.7 | 53.80 |
| CR* (ours, 4-shot) | X | 32.1 (+9.7) | 43.0 (+4.7) | 62.9 (+0.0) | 75.9 (+6.7) | 83.7 (+4.6) | 54.20 (+0.40) |
| (hers) | ✓ | 27.3 (+3.4) | 50.0 (+6.2) | 70.9 (+7.1) | 86.7 (+0.0) | 90.7 (+7.0) | 58.00 (+0.20) |

Figure 2. Results for various reasoning approaches on MATH dataset

inference, Game of 24 for arithmetic reasoning, and the MATH dataset for complex mathematical problems. The results show that CR framework consistently surpassed CoT and CoT-SC with a performance margin spanning up to 8.42% on FOLIO wiki and achieved a relative improvement of 9.3% in the framework of the AutoTnLI dataset. It also outperformed ToT by a large margin of 24% in the Game of 24 and realized a substantial relative improvement of 43% in the most difficult problems, classified as Level 5, on the MATH dataset.

"As the cumulative method continuous to be refined, in the near future, we may expect to have AI mathematicians who can solve complex math problems independently and precisely," co-author Yifan Zhang said. Yet, there is still a long way to go. Zhang added, "The realization of AI scientists is faced with myriads of obstacles, such as the need for reliable verification of LLM-generated results and the expansion of context length to tackle increasingly complex problems."

The corresponding authors of the paper are Tsinghua IIS Dean Andrew Chi-Chih Yao and Assistant Professor Yang Yuan. The co-first authors are Yifan Zhang and Jingqin Yang. This research has been collected in Cornell University arXiv.

TSINGHUA COMMUNITY

Tsinghua shines at the 19th Asian Games

The curtain fell on the 19th Asian Games in Hangzhou, Zhejiang province, on Sunday, with athletes from various nations having delivered riveting performances that exemplify the spirit of sport.

Six athletes from Tsinghua University and one alumna yielded an impressive medal haul of 5 gold, 4 silver, and 2 bronze, across four events.

The participating individuals, stemming from various undergraduate classes, showcased not only their athletic prowess, but also the robust sporting culture cultivated within the institution.

Notably, the second gold of Zheng Weitong, a 2020-enrolled undergraduate from Tsinghua School of Economics and Management, marked the 200th in total for the Chinese delegation—a historic record for the country at the Asian Games.

The valiant efforts and notable accomplishments of Tsinghua's athletes resonate although the Games drew to a triumphant conclusion, embodying relentless spirit and sportsmanship.



Tsinghua Professor Xue Qikun awarded Oliver E. Buckley Prize

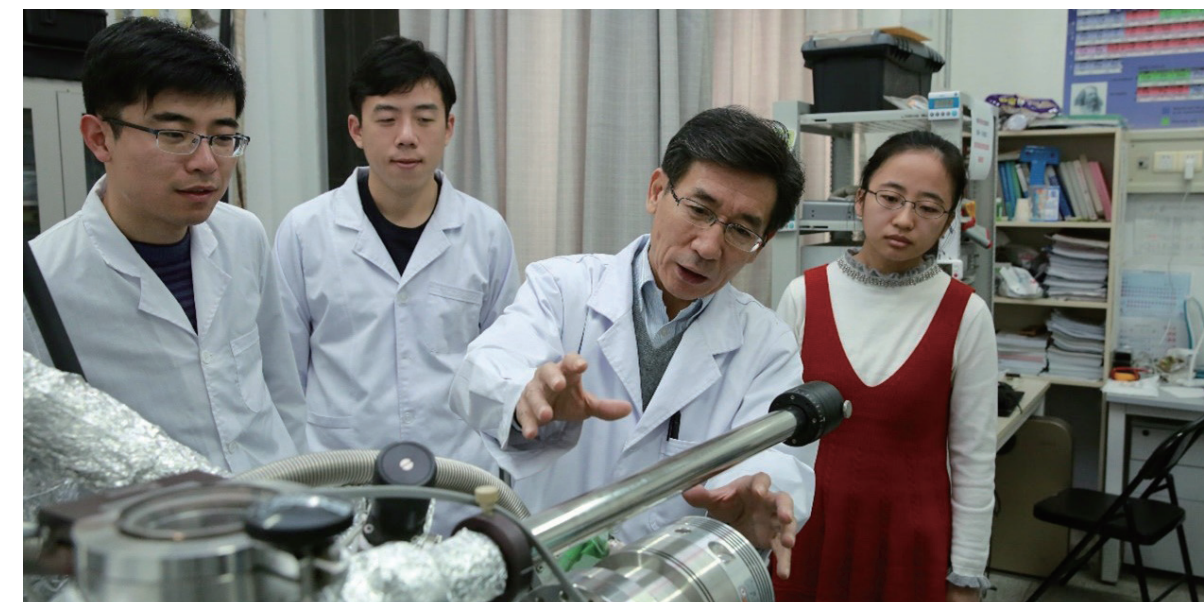
On October 24, the American Physical Society announced that Xue Qikun, an academican of the Chinese Academy of Sciences, professor at Tsinghua University, and president of the Southern University of Science and Technology, has been awarded this year's Oliver E. Buckley Condensed Matter Physics Prize. Since the award was first granted in 1953, this is the first time that the prize has been awarded to a physicist of Chinese nationality.

The prize is recognized as the highest award in condensed matter physics, and is intended to honor scientists who have made outstanding contributions in this field.

Xue and Harvard University Professor Ashvin Vishwanath were awarded for their "groundbreaking theoretical and experimental studies on the collective electronic properties of materials that reflect topological aspects of their band structure." Xue's primary achievements include experimental research on topological insulators and the innovative breakthrough of experimentally discovering the quantum anomalous Hall effect in a magnetic topological insulator. He has become the first recipient of Chinese nationality in the 70-year history of the prize.

Since 2008, the research team led by Xue has made a series of significant advancements in the experimental research of topological insulators. The quantum anomalous Hall effect is one of the major scientific goals in this field. By the end of 2012, his team had experimentally discovered the quantum anomalous Hall effect for the first time. This achievement was published in the journal *Science* in March 2013. This is an important physical effect that Chinese scientists independently observed in experiment and is a significant scientific discovery of fundamental research worldwide.

Xue calls upon all Chinese scientists to always focus on the nation's major needs, leveraging fundamental research to support technological revolutions and industrial renewal, to promote social progress and the well-being of the people, to always face the forefront of global scientific technology, contributing Chinese wisdom to the world's scientific development through relentless efforts, and to let the powerful voice of China's scientific achievements resound on the world's top academic stages.



Tsinghua Schwarzman College hosts 10th anniversary meeting

Schwarzman College of Tsinghua University hosted its 10th anniversary meeting on October 19.

Tsinghua President Wang Xiqin, and Stephen A. Schwarzman, founder of Schwarzman Scholars and chairman of the Blackstone Group, delivered speeches at the event. Tsinghua Vice Presidents Yang Bin and Wang Hongwei were also in attendance.

Dean of Schwarzman College, Xue Lan, presented a report on the college's development in the past 10 years. Amy Stursberg, the executive director of the Blackstone Charitable Foundation, was present. The event was presided over by the executive dean of Schwarzman College, David Qingzhong Pan.



Wang extended his congratulations to all the students, faculty, staff, and alumni of Schwarzman College. He expressed his gratitude to all who have shown concern, supported the development of the college, and contributed to the college's development. He pointed out that when the Schwarzman Scholars program was launched in 2013 and when the Schwarzman College held its inaugural opening ceremony in 2016, the two heads of state of China and the United States sent letters of congratulations on both occasions. Schwarzman College has upheld the principle of "taking root in China and embracing the world" for a decade. With a keen spirit of innovation, the college has carved out a path for nurturing young international leaders. With an open and inclusive approach, it has established a platform for promoting cross-cultural exchange and collaboration; with a deep commitment to education,

it has cultivated a cohort of outstanding talents with a global perspective and a strong sense of social responsibility. Over the past 10 years, the college has closely followed contemporary themes, upheld its mission, persisted in reform and innovation, bravely faced challenges, maintained an open perspective, and actively responded to challenges, accumulating valuable experience for the development and reform of the university.

Wang mentioned that a decade is a milestone worth reflecting on and commemorating, and it is also a starting point to set sail once again. Facing new circumstances and tasks, he hopes that Schwarzman College will adhere firmly to the guidance of President Xi Jinping, uphold its core principles, be resolutely proactive, and seize the momentum to take the initiative. The college should stay true to its founding mission, bear in mind the broader interests of the nation, integrate seamlessly into Tsinghua, and focus on its self-development. It should strive for high-quality growth, establishing itself as a top domestic and world-class international hub for cultivating future global leaders and facilitating international cultural exchanges. Moreover, the college should play a larger role in building a community with a shared future for mankind, supporting the openness of national education in this new era, and aiding Tsinghua's endeavor to build a world-class university.



In his address, Schwarzman reflected on the establishment of the Schwarzman Scholars program and the inception of Schwarzman College. He expressed his gratitude to every faculty member,

staff, and student for their unwavering dedication to the college's growth and development and voiced his pride in the accomplishments of the college. Schwarzman remarked that, over the past decade, the college has grown in tandem with Tsinghua, nurturing successive batches of outstanding talents with broad international perspectives and exceptional leadership. This has resulted in remarkable academic achievements and garnered widespread acclaim from the international community. He expressed hopes that the college will continue to cultivate future leaders with an in-depth understanding of China for the global community, further enhancing friendly exchanges among different nations.



Xue presented a report on Schwarzman College's achievements over the past 10 years. He stated that standing at a new starting point, the college will employ agile governance mechanisms to address changes and challenges. With a more proactive

attitude, it aims to explore and expand collaborations, continuously drive innovation in talent cultivation, and genuinely make significant contributions to the peace and development of the future world.



At the meeting, Scott MacEachern, the vice chancellor for Academic Affairs of Duke Kunshan University; Deng Feng, the founder of Northern Light Venture Capital; and Li Jintian, the 2017-class alumnus of Schwarzman College, delivered speeches to commend the achievements made by the college over the past decade in establishing a platform for Sino-foreign exchanges and cultivating international talents.





That afternoon, two parallel forums were held: one on higher education and the other for alumni. Xue and Pan respectively chaired the forums.

Around 300 people, including representatives from the academic community, various Tsinghua departments, donors to the college, alumni representatives, faculty, and students, attended the event.

Schwarzman Scholars is a significant initiative of Tsinghua University's centennial strategy, aiming to cultivate future leaders with a global perspective who are dedicated to advancing human civilization. To date, Schwarzman College has trained nearly 1,000 students from over 80 countries and regions since its inception in April 2013.

Tsinghua excels in 18th "Challenge Cup"

On Oct 30, the 18th "Challenge Cup" National College Student Extracurricular Academic and Technological Works Competition concluded at Guizhou University. The team from Tsinghua University achieved a remarkable feat with six projects in the finals, winning three top prizes, two first prizes, and one second prize. In the special "Leaderboard Challenge" competition, one project claimed the "Champion" title, two projects secured first prizes, and another project earned third prize. For their outstanding performance, Tsinghua University was honored with the "Excellence Cup".

This year's "Challenge Cup" attracted over 2 million students from more than 2,000 universities across the country. The competition comprised a total of 10 academic categories, including Mechanical and Control, Information Technology, Life Sciences, Energy

and Chemical Engineering, Mathematics and Physics, Development Achievements, Civilization and Culture, Beautiful China, People's Well-being, and Governance in China.



Tsinghua professors and alumni selected as academicians

As China's two elite science and technology institutes, the Chinese Academy of Sciences (CAS) and the Chinese Academy of Engineering (CAE) announced their results in the biennial selection of new academicians, with six professors and five alumni of Tsinghua University being granted the highest academic title in the country. Two alumni were enlisted foreign academicians.

Tsinghua professors including Li Luming from the School of Aerospace Engineering; Shi Songhai from the School of Life Sciences; Hu Shimin from the Department of Computer Science and Technology; Duan Luming from the Institute for Interdisciplinary Information Sciences; and Yan Ning from the School of Life Sciences were selected as academicians of

the CAS. Professor Lyu Junfu from the Department of Energy and Power Engineering was selected as an academician of the CAE.

Tsinghua alumni Zhang Rongqiao, a Master's degree graduate of the School of Economics and Management, was selected as an academician of the CAS. Xing Feng, a Bachelor's degree graduate of the Department of Chemical Engineering and Ph.D. graduate of the Department of Civil Engineering; Li Jindong, a Ph.D. graduate of the Department of Engineering Mechanics; Yu Gang, a faculty member at the School of Environment from 1992 to 2022; and Pan Yishan, a Ph.D. graduate of the Department of Engineering Mechanics were selected as academicians of the CAE.



Additionally, Zhang Jianwei, a Bachelor's degree and Master's degree graduate of the Department of Computer Science and Technology, and Kang Jian, a Bachelor's degree and Master's degree graduate of the Department of Architecture, were selected as foreign academicians of the CAE.



Tsinghua Professor Zhang Qiang awarded Young Scientist SDGs Award at 2023 WYSS

Professor Zhang Qiang from the Department of Chemical Engineering at Tsinghua University was recently honored with the inaugural Young Scientist SDGs Award. The award was announced at the 2023 World Young Scientist Summit (WYSS) in Wenzhou, Zhejiang province, last month.

This award recognizes young scientists who have made innovative contributions to achieving the United Nations Sustainable Development Goals.

Zhang was selected from 80 nominees across 35 countries and regions for his groundbreaking work in lithium bond chemistry and electrochemical energy storage, contributing significantly to the development and application of advanced energy materials. His research supports clean, safe,

and cost-effective energy solutions, promoting sustainable development at both global and local scales. Three young talents from around the world, including Zhang, were awarded.

The Young Scientist SDGs Award, aligned with the United Nations' 17 Sustainable Development Goals, covers seven areas: Zero Hunger, Clean Water and Sanitation, Affordable and Clean Energy, Sustainable Cities and Communities, Climate Action, Life Below Water and Life on Land.

Initiated this year, the award is to be annually conferred by a select scientific committee and judging committee during the WYSS, and aims to spotlight young scientists for their innovative efforts towards a sustainable future.



DIVERSE CAMPUS

Tsinghua x-lab launches new space

Tsinghua University recently held the inauguration ceremony for x-lab's new space at the Jianhua Building in Tsinghua University. The new space covers an area of over 3,000 square meters.



YANG Bin, vice president of Tsinghua University, said Tsinghua x-lab stands as a pivotal educational platform within the University and is dedicated to identifying and nurturing emerging creative and entrepreneurial talents. It aims to enhance students' abilities in creativity, leadership, critical thinking, collaboration, and business acumen. Using diverse approaches, the Tsinghua x-lab stimulates the innovative and entrepreneurial energies of teachers and students. It aligns real-world business challenges with academic research, pioneers the construction of organized innovation models, and achieves a better fusion of technological innovation, talent cultivation, and industrial advancement. YANG said he hopes to see a growing number of start-up teams will find their innovative spark, nurture their entrepreneurial ventures, and propagate a culture of creation at x-lab.

BAI Chong-En, dean of the School of Economics and Management at Tsinghua University (Tsinghua SEM), said the new space will facilitate enhancements to the ecosystem-linking functionality of Tsinghua x-lab; it will also intensify its innovation capabilities and nurture innovative talents at the University. Looking ahead, Tsinghua x-lab aims to collaborate with diverse stakeholders while emphasizing efficient



multilateral partnerships. It seeks to explore and promote the integrated development of education, technology, and talent, constructing a dynamic and scientifically comprehensive ecosystem for innovation and entrepreneurship. BAI said he looked forward to Tsinghua x-lab continuing to play a leading role in innovation and entrepreneurship education both within the University and nationally, nurturing innovative talents with global competence, diversity, and interdisciplinary skills, and striving to write a new chapter in China's development through science and education.



HE Ping, deputy dean of Tsinghua SEM introduced the Tsinghua x-lab platform and its development during the past two years. HE Ping said the new space will become a broader venue for Tsinghua students to interact, innovate, and explore, and will cater to diverse needs and create endless possibilities.

Following the inauguration, Tsinghua x-lab presented Gold Partner certificates to partners who were instrumental in supporting the platform's development over the past decade. Additionally, more than a hundred mentors offered free consultations

and guidance to startup teams on the platform for an extended period. In recognition of their selfless dedication, Tsinghua x-lab awarded Outstanding Mentor certificates to mentors in attendance.



Tsinghua holds Barefoot Games for freshmen

The Barefoot Games for Freshmen was held in Tsinghua on October 14. The barefoot games started in 1997 and is a sports event for freshmen. Every year, it enjoys a large number of applicants, who compete in a variety of activities and competitions in bare feet.

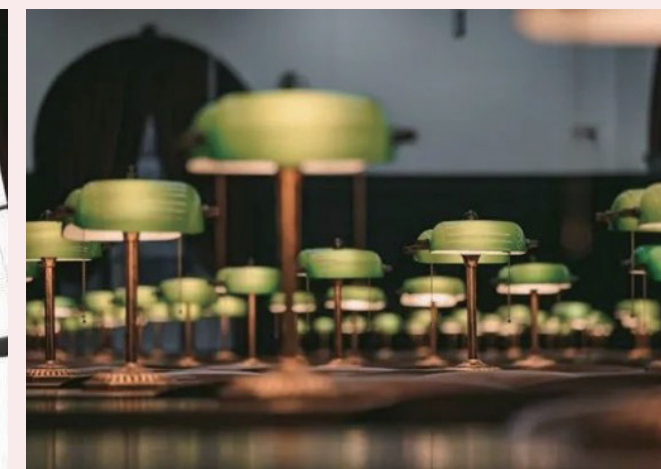
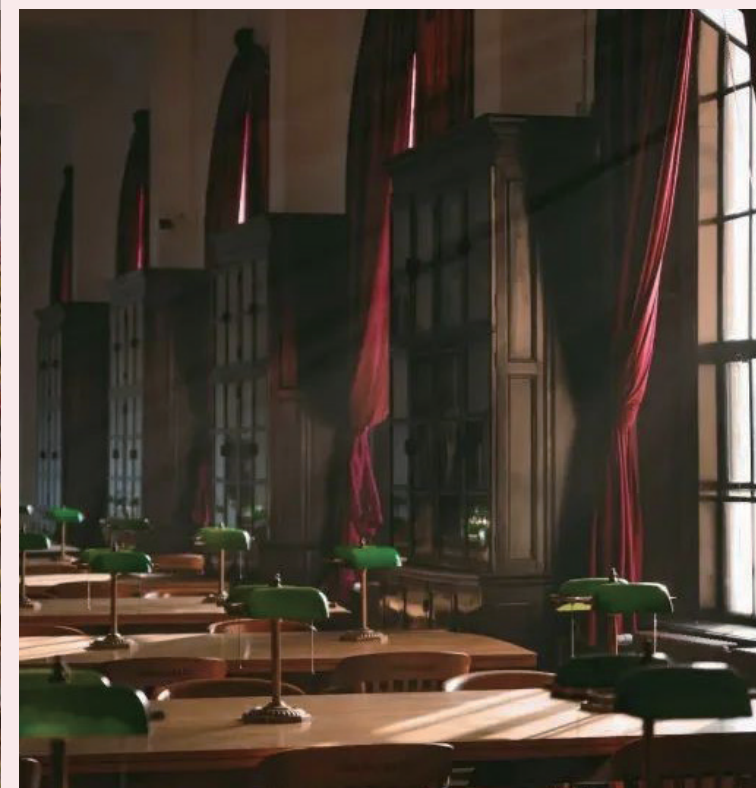
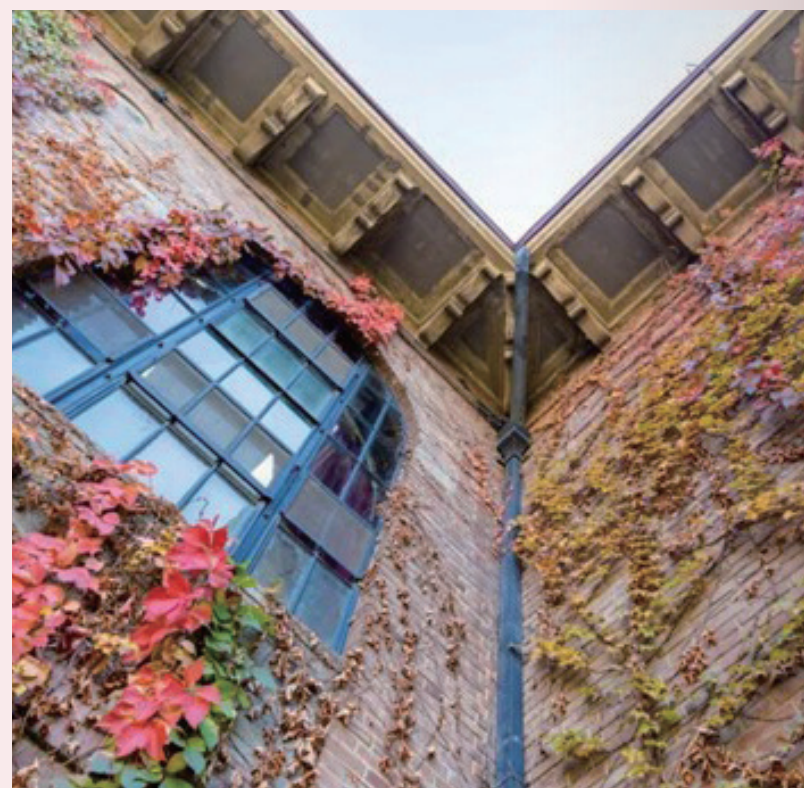


The Old Library's new life

As the earliest library originally constructed in 1916, the Old Library has witnessed a multitude of changes in Tsinghua over the past century. Recently, after a comprehensive four-year renovation, this venerable library has been unveiled once again.

Outside and Inside

The parthenocissus tricuspidata gracefully drapes the exterior wall like a cascading waterfall. As autumn descends, part of the leaves quietly turns red, blending with the crimson wall. Meanwhile, some remain green, and others change into yellow, collectively forming a colorful oil painting that decorates the library.



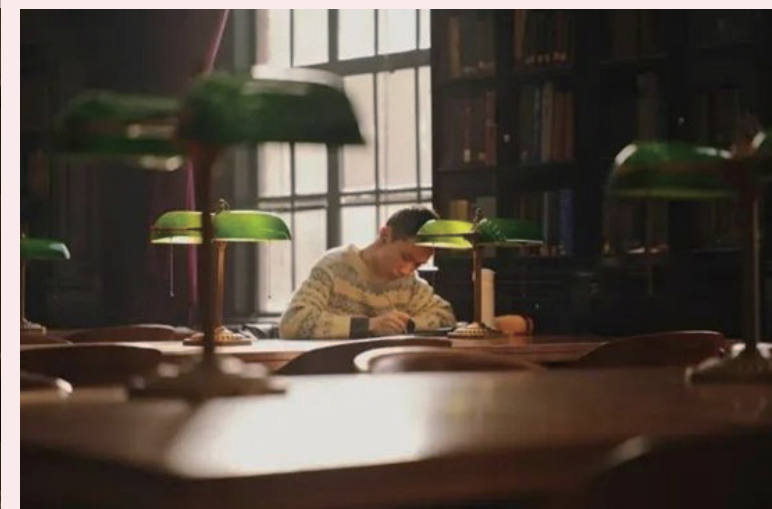
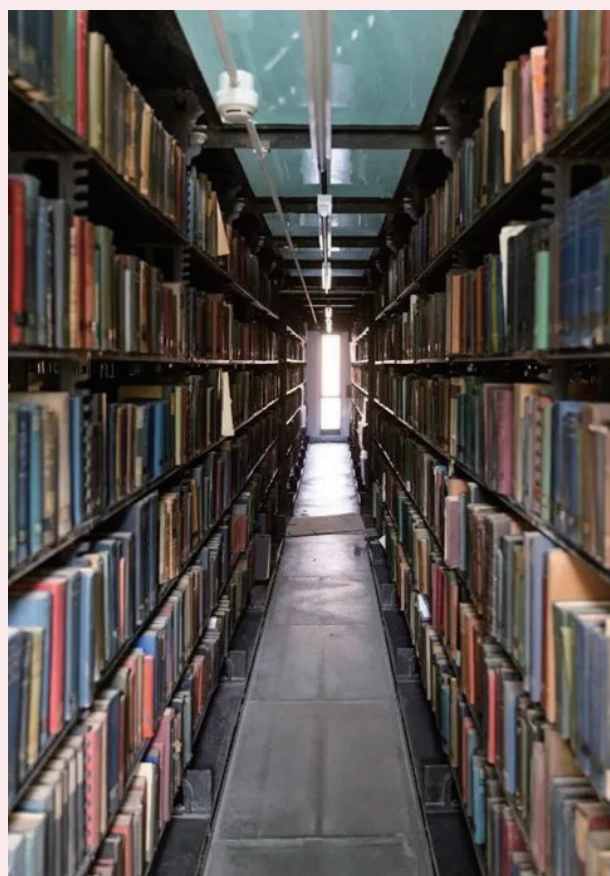
Inside the rooms, there spreads a pleasing scent of wood. During the daytime, an abundance of sunlight pours in through the broad windows and splashes everywhere, shedding an inviting warmth on the bookshelves and seats. At night, the vintage green lamps gently cast their soft light upon the book pages, sharing a harmonious period with the readers.

The arched doors and windows characterize this historic library. Over the years, generations of students have come and gone, yet the timeless views outside the windows remain constant.

Tranquility and Serenity

The Old Library is a palace of academics, where one arrives with a thirst for knowledge and leaves with a sense of fulfillment. The books here are palpably alive. As you turn their pages, you can feel their rhythm of words knocking your finger and resonating with your own heartbeat. In such a tranquil and agreeable environment, it is extremely easy to immerse yourself in the books and free your mind to different space and time.





Preserving the Legacy

Initiated in 2019, this renovation marks the most significant transformation in two decades. It meticulously balances practicality with the preservation of cultural heritage, focusing on overall building refurbishment and facility enhancement. Simultaneously, the original interior appearance is unchanged. You can still find the desks and chairs donated by alumni. Desks and chairs donated by alumni are still intact, with the campus' reading culture upheld and precious collective memories preserved.

There are no sockets installed on the tables, and mute reading rooms are offered. These contribute to a sheer experience of reading. Within the walls, there always emerges a magic that slows down the pace of time.



Envisioning the Future

The Old Library houses an ample treasure of old books, some of which date back to over a century ago. They used to be accessible only at special events. In the future, the layout of the storage will be altered, allowing teachers and students to bring their lectures here more often. Picture the scenario in which a professor mentions a classic masterpiece and takes out the original copy from the bookshelf.

Moreover, there will be an expanding showcase of historical relics in the long run, including the very desks at which alumni Cao Yu and Yang Jiang once studied and worked. The aspiration is to inspire an increasing number of students to follow their footsteps and excel.

After four years of separation, the Old Library finally embraces its new life and comes back to us. Bridging the past, present and future, it stands there welcoming all the teachers and students to ascend its time-honored steps and embark on an intellectual journey.

Opening Hours:
07:30 ~ 22:30

Accessible Rooms:
The 2nd and 3rd Reading Room

The Seats Reservation System is temporarily not applied and please use the seats in an orderly manner.

The collection resources are currently being adjusted and the book lending service will be available soon.

Latin American Cultural Workshop promotes cross-cultural exchange

In an effort to promote cross-cultural exchange and enhance friendships among Chinese and international students, the Latin American Cultural Workshop was recently held at the Dongfeng Motor Hall of the Career Development Center. The event attracted over 60 students from over ten countries around the world currently studying at more than 20 departments.

The event invited five international students from Latin American countries, including Barbados, Chile, Ecuador, Colombia, and Costa Rica. They presented the languages and culture of Chile and Barbados, discussed science diplomacy in the Latin American region, and provided live instruction on the foundational steps of traditional Latin American dance - salsa.

Expressing his thoughts on the event, Johnson Joshua Koebe, a 2023 master's student in Industrial Engineering, said, "Cultural exposition from my Latin American fellows left differing impressions that I won't soon forget. It made us all friends in the end. I would definitely join in another similar event again, and this time, bring a friend." Hu Xinqi,

a 2020 undergraduate student from the School of Humanities, expressed, "This event injected vitality into the campus's multicultural atmosphere. It is an honor for me to bring together students from different countries, transcending borders to explore the diverse cultures of Latin America." Zhang Yishan, a 2020 undergraduate student from Xingjian College, shared, "We gained a deeper understanding of the differences and connections between various Latin American countries. I'm impressed by both the academic introduction of science diplomacy and the interesting Barbadian cuisine."

This event was organized by the Tsinghua University Student Association for Global Governance and International Organizations (THUIO). It is part of the IO Language Corner series, which invites guests with overseas work or study experience and proficiency in multiple languages to share experiences in cross-cultural communication, language learning, and communication skills. The aim is to deepen the understanding of international affairs and cross-cultural communication among students.





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