

# TSINGHUA IN REVIEW 2022



清华大学  
Tsinghua University



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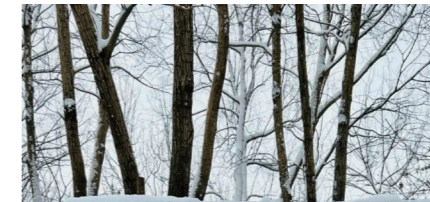
# Huge applause for Tsinghua volunteers at Beijing 2022

## Editor's Note

Throughout the spectacular Beijing Winter Olympics, many Tsinghua students served in various voluntary capacities.

They spared no effort to serve for this splendid international sporting gala, showing the warmth of young people to the world.

Let's take a look back at some of their memorable moments from the Beijing 2022 Winter Olympics!



The Olympics are a symbol of human solidarity, and Beijing 2022 has clear global significance as it supports the growth of winter sports. The success of the Olympic Games cannot be separated from the hard work of thousands of staff and volunteers behind the scenes. Let's give a huge round of applause to them.



During the Olympics, Beijing witnessed a huge snowfall. Tsinghua volunteers in the Winter Olympic Village took photographs, capturing the precious moments of joy they had playing in the snow.



## New Secretary of the CPC Tsinghua University Committee and President announced



Former President of Tsinghua University, Qiu Yong, was named Secretary of the CPC Tsinghua University Committee, while Wang Xiqin was appointed President of Tsinghua University. Chen Xu, former Secretary of the CPC Tsinghua University Committee, will no longer serve in her post.



The decision was announced by Li Xiaoxin, Deputy Head of the Organization Department of the CPC Central Committee, at a meeting held at Tsinghua University on February 25.

Tian Xuejun, a member of the Leading Party Members' Group and Vice Minister of Education, and Sun Meijun, a member of the Standing Committee of the CPC Beijing Municipal Committee and Head of the Organization Department of the CPC Beijing Municipal Committee, attended and addressed the meeting.

Qiu Yong, born in July 1964, is a Member of the Standing Committee of the 13th National People's Congress. He is also Vice Chairman of Education, Science, Culture and Public Health Committee of the 13th National People's Congress and a member of the Chinese Academy of Sciences.

He has served as Chair of Tsinghua University's Department of Chemistry. He has also held the following positions: Deputy Dean of the School of Sciences, Vice Chairman of the University Committee of Academic Affairs, a member of the Standing Committee of the CPC Tsinghua University Committee and Vice President, Executive Deputy Secretary of the CPC Tsinghua University Committee and Vice President, President of Tsinghua University and Deputy Secretary of the CPC Tsinghua University Committee.

Wang Xiqin, born in June 1968, has served as Chair of the Department of Electronic Engineering, Deputy Dean of the School of Information Science and Technology, Director of the Personnel Department and the Human Resources Development Office, Assistant to the President, a member of the Standing Committee of the CPC Tsinghua University Committee and Vice President, and a member of the Standing Committee of the CPC Tsinghua University Committee and Executive Vice President.

## Tsinghua celebrates 111th Anniversary

Tsinghua University celebrated its 111th anniversary on April 24.





## Tsinghua hosts APRU Provosts' Forum 2022 to discuss the futures of higher education

Tsinghua University on April 20 hosted the Association of Pacific Rim Universities (APRU) Provosts' Forum 2022, under the theme "Futures of Higher Education."

The virtual meeting was attended by provosts and academic officers from the APRU members, as well as UNESCO specialists.



In his welcome remarks, Tsinghua University President Wang Xiqin said that the forum was being held in the spirit of collaboration and experience-sharing as the drivers of higher education and academic policy in high education institutions' respective and connected communities.

He stressed the need for collective, concerted effort and attention to address the challenges faced in higher education.

"We meet online as a result of the ongoing disruption caused by the pandemic. This reminds us that we live in a world where vastly different versions of the future are entirely possible. But we also have enduring hope to inspire through our shared commitment to education, research, and community service," President Wang explained.

In concluding his remarks, President Wang said that the forum was an opportunity for provosts and academic officers to reach a better understanding of the futures of higher education, and to contribute to the dialogue in the context of their roles and responsibilities.

Christopher Tremewan, Secretary General of APRU, thanked Tsinghua for hosting the forum in his opening remarks and said that, as a foundation APRU member, Tsinghua University has been strongly engaged for 25 years with APRU initiatives and has offered valuable global leadership through its commitment to the Asia-Pacific region. He urged universities to work together to transform higher education, emphasizing the common good.

APRU provides a neutral international platform for scaling up universities' responses to global challenges, including educational reform, and for shaping a new generation of international leadership. Our understanding of diverse contexts as well as expertise in technological innovation are critical to creating the political will required for solutions to be implemented, he said.



Stefania Giannini, Assistant Director-General for Education of UNESCO, said in her opening remarks that higher education could and must help forge a new social contract for education, one that can shape more just and sustainable times for all.

"We need a new culture of collaboration which can only be fostered through strengthened partnerships and networks," she added. She encouraged higher education institutions to develop the great opportunity not only to address the challenges of current times but to think beyond the horizon of the future and shape more just sustainable societies.

Sobhi Tawil, Director, Future of Learning and Innovation Team of UNESCO, delivered a keynote address, shedding light on the proposals advanced by the "Reimagining our futures together – A new social contract for education" report, published by the International Commission on the Futures of Education of UNESCO.

"At the current crossroads that we find ourselves, we need an education that can help transform and shape the world. But to shape and transform and define this future, education itself must be transformed," he said, adding that forging a new social contract for education was a critical step towards reimagining our futures together.

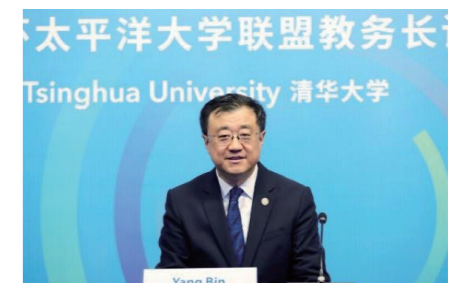
The forum featured two roundtable sessions, followed by break-out group discussions. At the first roundtable, Michael Bruno, Provost of the University of Hawaii at Mānoa, and Ling San, Provost of Nanyang Technological University, delivered presentations on "The future of instruction, in-person vs. online, and why this matters," and "Nurturing Future-Ready Lifelong Learners," respectively.

At the second roundtable, Toshiya Ueki, Executive Vice President of Tohoku University, presented on the topic of "How can universities enhance preparedness and resilience in higher education?" and Alan Chan, Provost of the Chinese University of Hong Kong, presented on the topic of "Renewing Education: Transformational Change or Back to Basics?"



Annamarie Jagose, Provost and Deputy Vice Chancellor of the University of Sydney, summed up the key points that came out of the roundtable discussions.

The forum came to a close with closing remarks from Dr. Christopher Tremewan, Secretary General of APRU, and Yang Bin, Vice President and Provost of Tsinghua University.



Yang said that future challenges could only be solved by working together, adding that Tsinghua looked forward to continuing to work with APRU and its partners worldwide to enhance shared academic development, mutual understanding, and levels of cooperation.

The forum was moderated by Gao Hong, Vice Provost of Tsinghua University.



# AUA Presidents Forum 2022 held to mark AUA's 5th anniversary

The Asian Universities Alliance (AUA) Presidents Forum 2022 was held on April 22, marking the fifth anniversary of the establishment of the alliance.

The theme of this year's forum was "Embracing Asian Diversity for a Shared Future: Mission of Universities in Fostering a Community of Life for People and Nature."



Huai Jinpeng, China's Minister of Education, and Ban Ki-moon, the 8th Secretary-General of the United Nations and Chairman of the Boao Forum for Asia, delivered remarks as the guests of honor at the forum, attended by leaders and representatives of all the 15 AUA member universities and other distinguished guests.

Minister Huai extended congratulations on behalf of his ministry to AUA on its fifth anniversary and remarked that the establishment of the alliance by distinguished universities from different Asian countries and regions reflected the general trend of common development and win-win cooperation in Asian higher education.

He urged AUA members to promote regional connections of higher education through digitalization, to deepen the pragmatic cooperation between universities by focusing

on talent cultivation and scientific research and innovation, and to promote communication between peoples and appreciation to diverse cultures.

He said he was hopeful that AUA would make greater contributions to jointly addressing regional and global challenges, promoting the common welfare of Asian people, and advancing the building of a community with a shared future for mankind.

Ban Ki-moon congratulated AUA on its fifth anniversary, saying, since 2017, AUA has served as a robust platform for regional collaboration, partnership, and dialogue.

He called on AUA to scale up its cooperative regional efforts to help forge tangible progress on the UN's development and climate goals.

"Your role is extremely important, as we need to ensure that the UN Global Goals are local business, throughout Asia and beyond. With your elevated efforts, I am confident that we can construct a more healthy, sustainable, peaceful, and prosperous world for all," he said.

Carrie Lam Cheng Yuet-ngor, Chief Executive of the Hong Kong Special Administrative Region, China, Prof. Dr. Anek Laothamatas, Thailand's



Minister of Higher Education, Science, Research, and Innovation, and Dr. Nyunt Phy, Myanmar's Union Minister for Education, sent congratulatory messages on AUA's fifth anniversary, which were read out respectively by Wei Shyy, President of The Hong Kong University of Science and Technology, Bundhit Eua-arporn, President of Chulalongkorn University, and Tin Maung Tun, Rector of the University of Yangon respectively at the forum.



Following that, Chairman of Tsinghua University Council Qiu Yong, who served as the founding president of AUA, addressed the forum.

He said that he was delighted to join AUA members to celebrate the fifth anniversary of AUA and chart a joint future.

"Five years ago, on April 29, 2017, AUA was jointly founded by fifteen universities in Asia with the mission to jointly address regional and global challenges by strengthening collaboration among member institutions. I am glad to see that in the past five years, we have been steadily working towards this mission," he said.

In the five years since its founding, he noted that AUA has grown into a cohesive consortium of Asian higher

education with an increasing impact. He thanked AUA members and the greater Asian community for their strong support.

"The diversity we embrace forms the foundation of our alliance. With each of us sharing a unique set of knowledge and experiences, I am confident that we will be able to continue collectively tackling our common challenges and building a brighter future for all," he said.

He mentioned that as the founding president of AUA, he was very proud of AUA's work over the past five years, turning the dream of AUA into a brilliant success.

Qiu also extended his gratitude to AUA members for their trust in Tsinghua University holding the AUA Presidency for two consecutive terms.

"As we move forward, let's come closer together and build a better AUA, for Asia, and for the world," he said, concluding his remarks.

Tsinghua President Wang Xiqin, on behalf of the entire AUA community, presented a token of appreciation to Professor Qiu in recognition of his distinguished leadership during his time as AUA Founding President.

Last month, former President Qiu Yong was named Chairman of Tsinghua University Council, and Professor Wang Xiqin was appointed President of Tsinghua University, making him also AUA President.

President Wang Xiqin, addressing the forum, said that he was honored to serve as the new President of AUA.



"As AUA President, I will continue the endeavors of Professor Qiu Yong, and do my part to strengthen the Alliance," he added.

He said that, in the past five years, under the distinguished leadership of Professor Qiu and the contributions of member universities, AUA has become a close-knit family.

"The voice of Asian universities is increasingly heard through our high-level forums on higher education. In the past two years, AUA organized a number of forums and discussion sessions to share member universities' experiences responding to the impacts of the pandemic. Despite the disruption to international travel, the COVID-19 crisis has made AUA stronger and even more united," he added.

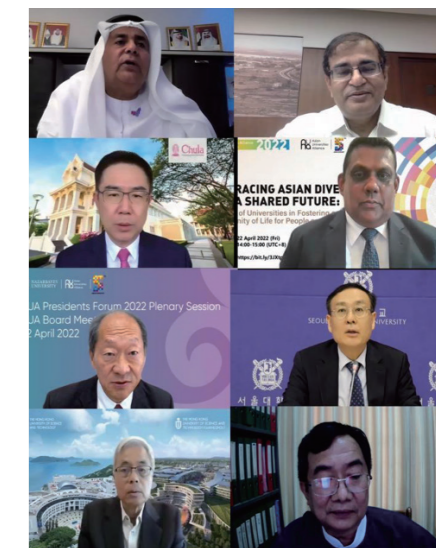
President Wang said that he looks forward to working closely with all the AUA members to enhance AUA's unique contribution to building a shared future for Asia and beyond.

Eight leaders of other AUA member universities — Ghaleb Alhadrami Albreiki, Acting Vice Chancellor of United Arab Emirates University; Subhasis Chaudhuri, Director of the Indian Institute of Technology Bombay; Bundhit Eua-arporn, President

of Chulalongkorn University; H. D. Karunaratne, Vice Chancellor of the University of Colombo; Shigeo Katsu, President of Nazarbayev University; OH Se-Jung, President of Seoul National University; Wei Shyy, President of The Hong Kong University of Science and Technology; and Tin Maung Tun, Rector of the University of Yangon — also delivered their remarks at the forum.

They stated that AUA has made great strides in the past five years and that they would continue to deepen their collaborations as AUA members to address regional and global challenges and promote a shared future for humanity.

The forum held online was moderated by Yang Bin, Vice President and Provost of Tsinghua University. Before the AUA Presidents Forum 2022 culminated in the plenary session, four sessions were held earlier on different themes.





# Cloud dialogue held between Tsinghua University and Latin American and Caribbean ambassadors

On April 29, 2022, Digital China and Online Education Cooperation—Cloud Dialogue between Tsinghua University and Latin American and Caribbean Ambassadors was held successfully. More than 30 Latin American and Caribbean ambassadors and representatives attended the online event. Wang Xiqin, President of Tsinghua University, and Fernando Lugris, Uruguayan Ambassador to China and Dean of the Latin American and Caribbean Group delivered opening speeches. Yang Bin, Vice President and Provost of Tsinghua University, made the closing remark. Li Jinliang, Dean of International Affairs, Tsinghua University, served as the moderator of the event.



Wang Xiqin delivers his speech

In his speech, Wang Xiqin recalled last October's meeting in Tsinghua University with representatives from the Latin American and Caribbean countries and regions to China, when the topic of jointly building the Belt and Road and sharing the new economy and prosperity was actively discussed. Wang pointed out that realizing digital transformation and seek more opportunities in the 21st century has become a global concern with the rapid development of digital technology. China and Latin American and Caribbean countries also attach great importance to the issue. He said that Tsinghua University highly values

research on the digital economy and talent cultivation, and has made active efforts to promote global cooperation in online education. Tsinghua University and Latin American universities have carried out extensive and in-depth cooperation in this field, which has achieved great results. Tsinghua University expects to cooperate more with Latin American and Caribbean partners in scientific research, student education, cultural and personnel exchanges, and to share ideas and experiences on important global issues such as artificial intelligence, climate change, public health, and global governance, Wang said, extending his hope to pursue mutual achievements with the Latin American and Caribbean partners in building a community with a shared future for mankind.



Fernando Lugris delivers his speech

In his speech, Fernando Lugris thanked Tsinghua University for organizing the cloud dialogue, which enhanced the relationship between the university and LAC. He pointed out that Uruguay's digital development and online education have been improving with the attention and efforts of its central government, achieving good results. It has relieved the negative impact of the epidemic and ensured education's continuity, he said. He believes that the development of digital technology

can bring great benefits and help China and LAC to overcome the challenges during the epidemic and in the post-epidemic era. "Tsinghua University is promoting online education. I hope there will be more cooperation between the university and Latin American and Caribbean countries and regions in the future," Fernando said.



Li Jinliang chairs the event; Chen Yubo, Chen Taotao, Wang Xiaoxiao and Wang Shuaiguo deliver keynote speeches (from top to bottom and left to right)

Chen Yubo, Senior Associate Dean of School of Economics and Management, Tsinghua University, Wang Xiaoxiao, Secretary-General of Global MOOC and Online Education Alliance, Wang Shuaiguo, CEO of XuetangX, and Chen Taotao, Director of the Latin America Center, Tsinghua University, delivered keynote speeches respectively on the development of China's digital economy, the practice and prospect of online education at Tsinghua University, facilitating global sharing of advanced education technologies and quality resources, and the construction of joint courses between Chinese and LAC professors.



Feedback from the Ambassadors' Panel

During the discussion, Luis Quesada, Ambassador of Peru to China, Hallam Henry, Ambassador of Barbados to China, Aldo Álvarez, Ambassador of Salvador to China, and Jesus Seade Kuri, Ambassador of Mexico to China, delivered speeches. According to the ambassadors, developing the digital economy and promoting digital transformation is very important for Latin American and Caribbean countries and regions. They introduced the efforts made by Latin American and Caribbean countries and regions in promoting digital transformation. They also pointed out challenges and put forward suggestions on how to cope with them. The ambassadors believe that digital development has driven the revolution of online education, providing more people with educational opportunities and promoting positive changes in educational concepts and models. The ambassadors praised the event was very meaningful. Saying that Tsinghua University is leading the world in online education, they look forward to more in-depth cooperation with the university in the future.

Yang Bin, Vice President and Provost of Tsinghua University, delivered the closing speech. He pointed out that there is a good foundation for the cooperation between Tsinghua University and Latin American and Caribbean countries in areas such as joint response to the epidemic, and handling global climate change and public health, which will be further extended to online education. Thanks to the efforts of the Global MOOC and Online Education Alliance and Tsinghua Latin America Center, the university has



Yang Bin delivers his speech

conducted dialogue and cooperation with countries such as Chile and Argentina. Yang said he hopes Tsinghua University could cooperate with more universities in Latin American and Caribbean countries and regions in the future, provide more high-quality educational resources for learners, and jointly build a bright future for education in China and Latin American and Caribbean countries and regions.

Fernando Lugris, Uruguayan Ambassador to China, Hallam Henry, Ambassador of Barbados to China, Carlos Humberto Larrea Davila, Ambassador of Ecuador to China, Abbie S. David, Ambassador of Grenada to China, Anyin Choo, Ambassador of Guyana to China, Jesus Seade Kuri, Ambassador of Mexico to China, Leonardo Kam, Ambassador of Panama to China, Luis Quesada, Ambassador of Peru to China, Aldo Alvarez, Ambassador of El Salvador to China, Analisa Low, Ambassador of Trinidad and Tobago to China, Misty

Bain, Charge d'Affaires of the Embassy of Bahamas, Jerrel Moriah, Charge d'Affaires ad interim of the Embassy of Suriname, Jimena Jaén, Charge d'Affaires ad interim of the Embassy of Costa Rica, Melisa Pryce, Charge d'Affaires of the Embassy of Jamaica, Yamila Fersobe, Minister-Counselor of the Dominican Embassy in China, Alberto Bastardo and Maria Teresa Dos Ramos, Minister-Counselors of the Venezuelan Embassy in China, Fabiano Bastos Moraes, Consul of the Brazilian Embassy in China, and representatives from other countries and regions such as Chile, Colombia, Cuba and Haiti also attended the event.

Under the support and guidance of the Office of International Affairs, the cloud dialogue was co-hosted by the Tsinghua Latin America Center, the Global MOOC and Online Education Alliance and the Institute for Industry Innovation and Finance, and was organized online by XuetangX. In addition, the event was live broadcast through the online platform of XuetangX, attracting about 70,000 people who are interested in the development of China's digital economy and online education cooperation between China and Latin America.





# Scientists take the first step to master an all-powerful cell type in the beginning of life

— Sheng Ding and his team at Tsinghua University School of Pharmaceutical Sciences publish innovative work in *Nature*

From cloning to regeneration, how to find alternative paths to create or rejuvenate life has been one of the big questions for biologists. It is this question that's behind the work of generations of scientists who went on to win Nobel Prizes. It is also this question that drives the recent research led by Sheng Ding at Tsinghua University, School of Pharmaceutical Sciences, now published in the top scientific journal *Nature* magazine.

In the current study, Ding and colleagues have identified a drug cocktail that induces an all-powerful stem cell type at will, a cell type that can turn into an entire organism on its own. The researchers are also able to maintain the resulting cells' differentiation potential

in the lab, allowing a stable system for later researchers to demystify the creation of life. This alternative path – obtaining a clean slate of life's earliest raw materials from more mature cells, instead of new sperms and eggs – can have a wide range of implications. "Such an alternate to nature's way of creating the beginning of life is a holy grail of biology", Ding says.

The creation of life starts with one cell. Your blood, brain, and liver cells can all be traced back to this one-cell embryo or zygote.

In nature, a zygote is produced as sperm and egg merge together. And the event kicks off an irreversible process where the zygote divides, forms new cells and the new cells continue to divide and become increasingly specialized.

As specialization is gained, something is lost along the way. Once the one-cell embryo divides and hits the two-cell embryo stage, the later cells will quickly

lose the differentiation potential to give rise to all cell types for generating an entire organism and its supportive tissues like the yolk sac and placenta, becoming less potent stem cells.

Scientists call these all-powerful cells in the one-cell and two-cell embryo stages totipotent stem cells. And there are pluripotent and multipotent stem cells further down the continuum. "Normally after totipotent cells, none of the other stem cells have the possibility to turn into a life on its own," Ding says.

To better study and control the totipotent stem cells, Ding and his team established a system that achieves the induction and maintenance of these cells, and confirmed their identity with stringent criteria.

With 20 years of work and understanding of cell fate and stem cell regulation by chemical compounds, the team selected and screened thousands of small molecule combinations. Through multiple rounds of analyses, they identified three small molecules that could coax mouse pluripotent stem cells into cells exhibiting totipotent characteristics. The researchers called the molecules TAW cocktail. Each letter in TAW stands for a molecule known to regulate a specific cell fate decision. But their combined effect was not known till the current discovery, Ding explains.

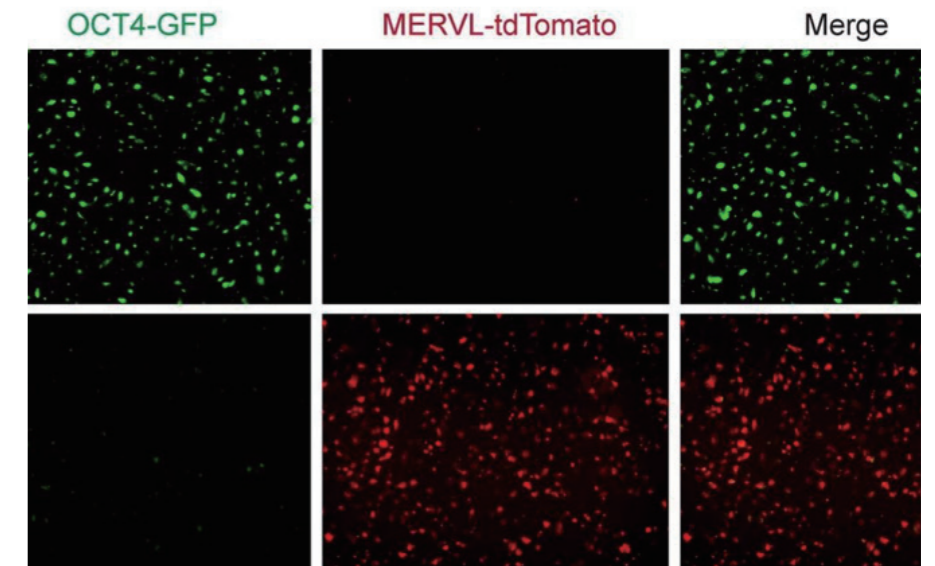
Then the researchers examined cells receiving the TAW cocktail treatment in detail, both their totipotency and none-pluripotency. These cells passed strict molecular testing criteria, at all transcriptome, epigenome, and metabolome levels. For example, the team found that hundreds of critical genes were turned on in the TAW cells.

These genes are typically found in totipotent cells and have been indicated by other researchers in the field as the bar to determine totipotency. At the same time, genes associated with pluripotent cells were silenced in the TAW cells.

To further prove that the resulting cells have a true totipotent state, the team tested their differentiation potential in vitro, and injected them into a mouse early embryo to see the differentiation potential in vivo. They found that not only did the cells behave like true totipotent ones in a petri dish, but they also differentiated into both embryonic and extraembryonic lineages in vivo. This is a typical characteristic of normal totipotent cells, which have the potential to develop into both fetus and the surrounding yolk sac and placenta, whereas pluripotent cells can only develop into a fetus.

In addition, when the researchers used special culture conditions for the TAW cocktail-induced totipotent cells, the subsequent cells also showed similar totipotency traits. This observation suggests that the totipotency of TAW-induced cells can be maintained in a lab environment, and thus a stable system is established.

Such a system is important, as it will enable many scientific investigations concerning the beginning of life. For example, scientists can use this system to manipulate the totipotent cells to better understand the highly orchestrated process at the beginning of life. "Certain cells will have to appear at the right time and the right location for life to occur," Ding says, and one cannot study this without proper tools.



*Chemically induced ciTotiSC from mESC (OCT4-green fluorescence-labeled pluripotent stem cells and MERVL-red fluorescence-labeled totipotent stem cells)*

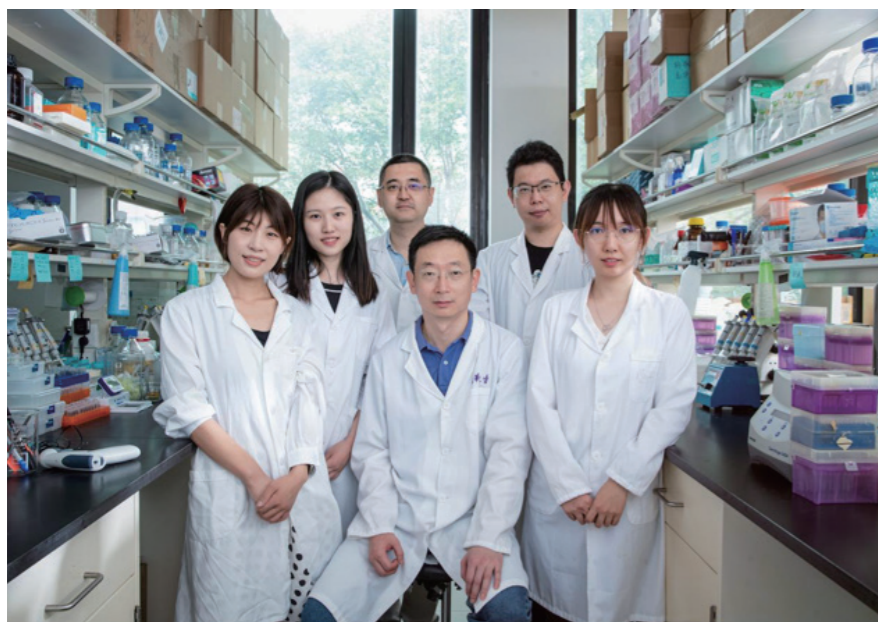
In this sense, "this paper is the first step and opens up tremendous opportunities," he says.

Moreover, having a deeper understanding and thus control over totipotent cells will have a wide range of implications, such as earning a second chance at the creation of individual life and even accelerating the evolution of a species.

Many of the possibilities will spur controversies, Ding acknowledges. It's worth noting that while those possibilities lie in the distant future, he mentions, it's hard to predict what society's ethical concerns will be. After all, the science community hasn't seen any lighter restrictions around human embryo research in the past decade. But last year, people started to seriously consider extending how long a human embryo can be kept in a petri dish from the original 14-days rule.

While the team is highly conscious of ethical considerations, Ding believes that as scientists their main job is to focus on making discoveries in the present, and lay the ground for future generations. Then the latter will have the knowledge and tools to make decisions.

The paper is available at the following URL: <https://www.nature.com/articles/s41586-022-04967-9>





## Tsinghua professor, alumni elected directors and deputy directors of the CAE academic divisions

The 16th Academician Conference of Chinese Academy of Engineering (CAE) was held recently. Tsinghua professors Nie Jianguo, He Kebin, and Dong Jiahong, as well as alumni Tan Tianwei, Lu Chunfang, Ouyang Xiaoping, Hu Chunhong, Hou Li'an and Chen Jian were named directors and deputy directors of the CAE academic divisions.

Nie Jianguo, director of the Academic Committee of Tsinghua University and professor of the School of Civil Engineering, was elected director of the CAE Civil, Hydraulic and Architecture Engineering Academic Division. He

Kebin, dean of Tsinghua University Institute for Carbon Neutrality and professor of the School of Environment, was voted director of the CAE Environment & Light and Textile Industries Engineering Academic Division. Dong Jiahong, dean of Tsinghua University School of Clinical Medicine and dean of Beijing Tsinghua Changgung Hospital, was elected deputy director of the CAE Medicine and Health Academic Division.

In addition, Tsinghua alumni Tan Tianwei and Lu Chunfang were elected director of the CAE Chemical,

Metallurgical and Materials Engineering Academic Division and Engineering Management Academic Division respectively. Ouyang Xiaoping was voted deputy director of the CAE Energy and Mining Engineering Academic Division, Hu Chunhong was elected deputy director of the CAE Civil, Hydraulic and Architecture Engineering Academic Division, and Hou Li'an and Chen Jian were elected deputy directors of the CAE Environment & Light and Textile Industries Engineering Academic Division.

## Tsinghua Global Summer School 2022 successfully held

At 9:00 am on July 4th (Beijing time), the Tsinghua Global Summer School 2022 (GSS 2022) officially started. A total of 1,160 outstanding students from over 300 universities and 71 high schools in 94 different countries and regions worldwide gathered online for the opening ceremony. Professor Yang Bin, Vice President and Provost of Tsinghua University, and Ms. Beate Trankmann, United Nations Development Program (UNDP) Resident Representative for China, delivered opening remarks.

Yang Bin welcomed the students to the GSS 2022. He pointed out that we now find ourselves in a period that demands great actions as the world is undergoing profound changes unseen in a century. Global health, climate, and



*Tsinghua Vice President Yang Bin delivers a welcome address*

challenges to international exchange and cooperation, require us to join hands to find global solutions. He emphasized that, on the High-level Dialogue on Global Development held on June 24th, President Xi Jinping called for a "united, equal, balanced and inclusive" global development partnership. As a global

university that shoulders international responsibilities, Tsinghua is committed to achieving greater levels of SDG-oriented global collaboration and education programs.

Yang noted that Tsinghua University is resolutely motivated to address the challenges of the new era. It is an era of opportunity and action, and one that requires us to promote global engagement and cooperation, embrace the digital and green transformation, and strive for sustainable development. It is with these missions that the GSS embarks on a new journey and extends Tsinghua's fundamental commitment - to educate and cultivate talents. Young students worldwide are expected to participate in this program and

explore innovative ways to solve critical challenges.

Yang believed that the GSS will play an essential role in responding to global challenges and realizing the goal of sustainable development by imparting knowledge, serving the future, and cultivating youth leaders through masterclasses, workshops, SDG Hackathons and other events. He encouraged every participant to get involved, take action, and collaborate to apply knowledge into practical solutions for the future. He looked forward to seeing the fruitful outcomes and contributions of students and wished every participant, and the program itself, a great success.



*Ms. Beate Trankmann delivers her opening remarks*

Ms. Beate Trankmann, United Nations Development Program (UNDP) Resident Representative for China, said in her speech that our planet is facing a severe environmental crisis. While we have learned a lot about our environment since then, we have not done enough to protect the Earth – our only home. She was glad that the theme of GSS 2022 – "A Healthy Planet for Sustainable Development" – addresses the urgent need to collectively rebuild our broken relationship with nature. She encouraged students to spend part of their summer thinking about how to make a greener, more sustainable, inclusive and equitable future a reality for all, and meanwhile attempting to master skills and expertise required to address today's multiple planetary crises and realize sustainable development.

Ms. Beate Trankmann extended her appreciation to Tsinghua for its dedication to the SDGs. This annual summer school is a unique and engaging program to foster the next generation of change-makers and build a more sustainable world. With that, she wished the students an exciting and rewarding summer school experience and hoped they could use their energy and intellect to contribute for the realization of UN SDGs.

During the performance segment of GSS opening ceremony, spectacular online footages were presented, showcasing the 24 solar terms on Tsinghua campus, the style of bringing together the different traditions of China and the West, of ancient and modern, of science and the humanities, as well as Tsinghua's open, inclusive, international, friendly and progressive atmosphere.

To follow, Professor Li Jinliang, Dean of the International Office, and Professor in the School of Economics and Management, Tsinghua University, gave an insightful lecture entitled "The Chinese Economy: Prosperity and Prospects", marking the first of the Masterclasses to be held during the summer school.



*Professor Li Jinliang launches GSS Masterclasses*

Li introduced the overall situation of China's recent economic development from three key aspects: achievements, challenges and opportunities. He guided students to explore key factors behind China's rapid economic rise, and stated

that since 1978, China's economic rise has been mainly the result of industrialization and urbanization. Today, the Chinese economy has stepped onto a new stage, and is also facing new opportunities and challenges.

Li believed that despite multiple challenges such as maintaining economic equilibrium, financial stability and environmental sustainability, as the Chinese economy steps onto a new stage, its economic development has shifted from "high-speed growth" to "medium-high-speed growth". China's economic structure has become more optimized, with the fruits of development benefiting a wider range of society, and has moved from factor-driven and investment-driven to innovation-driven. At the same time, China has unwaveringly adhered to the principle of common prosperity and inclusive sharing of development outcomes. In the 40 years of growth since 1978, these changes have strengthened China's social and economic foundations, and have also enabled its economy to maintain a vision of strong and sustainable development. Li Jinliang concluded his Masterclass by emphasizing that continued reform and opening up is the way forward for a robust Chinese economy, in which innovation is key. In the Q&A session that followed, he provided detailed responses to questions asked by participants.

The GSS 2022 was held from July 4 to July 10. With the theme: "A Healthy Planet for Sustainable Development," GSS 2022 is a seven-day program organized collaboratively by over 20 Tsinghua academic institutions and four non-academic institutions, with the aim of "independent learning, intelligent teaching, universal schooling, and high-quality education." The courses cover a wide range of fields including education, economics, sociology, the humanities, artificial intelligence, and leadership, and come in diversified forms such



as masterclasses, workshops, SDG hackathons, and cultural experience activities. Student associations have been invited to co-organize workshops, and students are encouraged to host workshops and activities, in order to enhance their sense of participation, inspire opinions on health and sustainable development from a student perspective, and facilitate the cultivation of innovative thinking and the introduction of sustainable development concepts to integrate academics with innovation and interaction.

This year marks the third year of the Tsinghua Global Summer School online. Reviewing the past, more than



3,000 outstanding young talents have participated in the program. With openness and inclusiveness, Tsinghua Global Summer School is committed to helping young talents worldwide

acknowledge a deeper understanding of the world and China in the post-COVID era, encouraging them to cooperate, innovate, and contribute to creating a better world.

## Tsinghua hosts the 10th World Peace Forum

The 10th World Peace Forum (WPF) opened on July 3 under the theme "Preserving International Stability: Commonality, Comprehensiveness and Cooperation."



Tsinghua University President Wang Xiqin, who is also Chairman of the forum, delivered opening remarks at the forum's opening ceremony.

He noted that this year marked the 10th anniversary of the forum and thanked all those who have provided support to the forum.

Wang Xiqin said that for the past decade, the World Peace Forum has closely followed the trend of international security, with topics covering both traditional and non-traditional security. The forum would continue to uphold the concept of seeking security through development, equality, mutual trust, cooperation, and innovation, and to play a positive role in promoting international security exchanges.

"At present, complex factors such as the global pandemic, regional conflicts and competition among major powers are intertwined. The international community urgently expects to achieve win-win cooperation and safeguard world peace through solidarity and coordination," said Wang, adding that the theme of this year's forum highlighted the new features of the complexity of security issues.

He expressed his hope that all the guests at the forum would have in-depth

exchanges and express their views freely, so as to provide valuable reference for all countries in the world to judge the international security situation and grasp the orientation of development; enhance mutual understanding among countries by building a common discourse system and letting ideas collide with each other; explore innovative ideas to coordinate both traditional and non-traditional security; figure out effective ways to strengthen international security cooperation and to promote world peace.

The WPF is China's first non-governmental high-level forum on international security, jointly initiated by Tsinghua University and the Chinese People's Institute of Foreign Affairs in 2012.

The 10th WPF was held in a hybrid online and offline format.

Among the speakers at the forum are Yukio Hatoyama, Prime Minister



of Japan (2009-2010), Ban Ki-moon, Secretary-General of the UN (2007-2016), Kevin Michael Rudd, Prime Minister of Australia (2007-2010, 2013), Dominique de Villepin, President of France (2005-2007), Igor Ivanov, President of the Russian International Affairs Council, Surakiart Sathirathai, Deputy Prime Minister of Thailand (2005-2006), Rashid Alimov, Secretary-General of the Shanghai Cooperation Organization, and Kamal Kharazi, Advisor to the Iranian Supreme Leader and Minister of Foreign Affairs of Iran (1997-2005).

Wang Chao, President of the Chinese People's Institute of Foreign Affairs, and Yan Xuotong, Secretary-General of the World Peace Forum, attended the forum's opening ceremony, which was moderated by Tsinghua University Vice President and Provost Yang Bin.

The opening ceremony was followed by a plenary session held under the theme "Preserving World Peace." During this session, Yukio Hatoyama, Prime Minister of Japan (2009-2010), Ban Ki-moon, Secretary-General of the UN (2007-2016), and Kevin Michael Rudd, Prime Minister of Australia (2007-2010, 2013), delivered their remarks.



Yukio Hatoyama said that major powers like China, the United States, and Japan should work together in the spirit of friendship and forgiveness and uphold world peace and stability.



Ban Ki-moon highlighted the significance of multilateralism and international cooperation under the United Nations in preserving world peace and ensuring a more sustainable future for humanity and the planet.



Kevin Michael Rudd shared his views on China-US relations and preserving world peace and security.

Four plenary sessions and 16 panel discussions were held as part of the 10th WPF. Topics such as European security order, stabilizing China-US relations in an unstable world, the United Nations and world order, regional institutions and order, were covered.

The forum concluded on July 4.





# Youth promote climate action and green development at World Youth Development Forum

The 2022 World Youth Development Forum's thematic forum on Climate Action and Green Development was held on July 22.

The thematic forum was jointly organized by the All-China Youth Federation and Tsinghua University and co-organized by the College Alliance for Youth Ambassadors under the theme "For a Shared Future: Promoting Climate Action and Green Development with Youth and for Youth."



Wang Xiqin, President of Tsinghua University, delivered an opening address at the thematic forum.

Wang highlighted the message in a congratulatory letter Chinese President Xi Jinping sent to the World Youth Development Forum on July 21, in which he pointed out that young people of all countries should carry forward the common values of peace, development, equity, justice, democracy and freedom for all mankind, advance the Global Development Initiative with concrete actions, help to implement the UN's 2030 Agenda for Sustainable Development, and jointly write a new chapter of the era for solidarity and cooperation among young people of the world.

Wang said that in recent years, climate change, loss of biodiversity, worsening

desertification, frequent extreme weather and continuous spreading of Covid-19 had posed serious challenges to human survival and development. At this juncture, it was more important for universities to shoulder our responsibilities, strengthen education beyond utilitarianism and guide young people to foster a sense of shared community to urge mankind to move firmly towards the goal of sustainability.

"From the perspective of time, climate change is not only relevant to the present generation, but also to the future generations; As for the extent of impact, climate change concerns not only us as an individual country but also all countries across the world; From the perspective of life, climate change affects not only humans, but also other species," Wang noted.

Wang said that young people were the future of our nations and the world. He emphasized that we should guide young people through education to take responsibilities beyond the present, their native countries or areas, or even humanity, to establish a sense of national community, and to keep the fine traditional cultures from their respective nations alive. Wang believed that young

people should foster a sense of a human community with a shared future and grow into a driving force for world unity and they should cultivate a sense of community of life for human and nature, and thus make sound ecological environments an inexhaustible source of sustainable human development.

In response to the common challenge of climate change, Wang noted that Tsinghua University has taken the initiative to build global cooperation platforms and has been working with all sectors by leveraging its disciplinary strength. "In recent years, we have made great strides in establishing the Institute of Climate Change and Sustainable Development and the Institute for Carbon Neutrality in succession to strengthen relevant academic disciplines and the cultivation of high-level talents," Wang added, "We have empowered the innovative development of green and low-carbon technologies with engineering science and technology, and offered potential solutions for China in achieving carbon peaking and neutrality goals. We took the lead in initiating the Global Alliance of Universities on Climate (GAUC) and now serve as the chair of GAUC. We successfully held the GAUC Graduates

Forum and organized Climate Change Global Lectures. We co-hosted the Sino-American Youth Dialogue with the Massachusetts Institute of Technology (MIT) and launched the Joint Youth Initiative for Climate Response and Biodiversity Protection under Carbon Neutrality Goals."

Wang expressed his hope that the thematic forum would serve as an opportunity to build more platforms for exchanges and cooperation, to jointly facilitate green and sustainable development across the world and to tap deeper into the wisdom of young people to raise their voices, enable them to assume greater responsibilities and pool their strength for a greener, lower-carbon and better future for all mankind.



Andrea Meza Murillo, Deputy Executive Secretary of the United Nations Convention to Combat Desertification, said that as the window of opportunity to avoid the worst-case climate change scenario was closing, land restoration could be a cost-effective climate solution but only if the world acted now.

She urged higher education institutions to bring young people's energy, talent, cutting-edge skills, innovation, and creativity to bring about land restoration and drought mitigation.

Xu Xiao, Vice President of the All-China Youth Federation, said that young people should fully stimulate their potential for innovation and creativity and engage in green entrepreneurship and use the power of science and technology to



promote innovation and creativity in food conservation, ecological agriculture, clean energy, low carbon transportation and exploring new ways to protect the environment and develop the economy with better jobs.

"We are convinced that as long as young people from all countries think and act as one and pool their strength together to share the responsibility for green development, we will surely create a cleaner and more beautiful home of ours," Xu added.



Abdulla Anees, Deputy Minister of Youth, Sports and Community Empowerment of Maldives, shared his government's efforts in tackling climate change during his opening address, as he shed light on the significance of the role of youth in climate action and green development.

He said that to maintain the greatest level of community resilience in the face of climate change, young people had a crucial role to play, adding that government officials needed to make sure that young people's opinions were valued and heard so that today's young could forge their own path for the change.



Li Gao, Director-General of the Climate Change Department of the Ministry of Ecology and Environment, China, shared details about China's recent efforts to promote clean energy and low carbon emissions during his opening remarks, as he called on young people to work to promote the construction of an ecological civilization.

He urged young people to write a new chapter by addressing global challenges, promoting sustainable development, and achieving stronger, greater and healthier global development.



Razan Al Mubarak, President of the International Union for Conservation of Nature, highlighted the need to change the way food is produced to protect nature and the natural habitats of animals.

She encouraged young people to reconnect with nature, pointing out that younger generations are overwhelmingly moving toward greater urbanization and facing a disconnection from nature. "Youth must collectively agree on your vision for the future and the place you want nature to have in that future. It is critical that young people are given the platform to conceptualize this vision.



It can't be left to the actual generation alone to set this vision for the future," she added.

The opening session was followed by keynote speeches from eight speakers.



Li Zheng, Executive Vice President of the Institute of Climate Change and Sustainable Development at Tsinghua University, discussed carbon neutrality and green development.

Li Jun, Director-General of the Social Responsibility Bureau, State-owned Assets Supervision and Administration Commission, talked about the green development practices of Chinese enterprises.

Erik Berglof, Chief Economist of the Asian Infrastructure Investment Bank, shared his views on China's net-zero transition.

Jiang Xiheng, Vice President of the Center for International Knowledge on Development, China, highlighted China's green development and international cooperation.

Liu Xinping, Director of the Sustainability Division of the Beijing Organizing Committee of the Olympic Games, shed light on China's experience of the green Beijing 2022 Winter Olympics.

Mette Grangaard Lund, Green Jobs Specialist at the International Labour Organization, shared insights on youth green employment.

Huang Yingfeng, Director-General of the Social Liaison Department, the Central

Committee of the Communist Youth League of China, and Convenor of the National Youth Eco-Environmental Association Alliance, delivered his keynote speech on the topic "Youth Action for a Beautiful China: Outcomes and Experiences."

Tom Szaky, founder and CEO of TerraCycle, World Economic Forum Youth Global Leader, talked about circular economy and youth practice in combating climate change during his keynote address.

The opening session was moderated by Wang Binbin, Executive Secretary-General of the Global Alliance of Universities on Climate.

After that, a youth dialogue on "Youth Perspectives and Power in Climate Action" was held.

Neeshad Shafi, founder of Arab Youth Climate Movement Qatar LLC, and Liu Jichen, Young Leader for the United Nations Sustainable Development Goals, CEO of Clear Plate APP, shared their views on the sub-theme of youth leadership in climate action.

Xin Hao, co-founder of Green Zhejiang Environmental Protection Organization, member of the Zhejiang Youth Federation, and council member of the Global Water Alliance, and Mulindwa



Moses, co-founder of CYE Believe Network, exchanged ideas on the sub-theme of encouraging society to promote green development.

Alice Ho, Chief Youth Officer of the Global Alliance of Universities on Climate, Sampada S. Venkatesh, Global Youth Ambassador, Global Alliance of Universities on Climate, and Xie Canyang, Head of the Tsinghua University Student Association on Net-zero Future, shared their thoughts on the sub-theme of youth empowerment for a sustainable future.



Xie Zongxu, a Youth representative from the College Alliance for Young Ambassadors, moderated the youth dialogue.

The thematic forum, held in a hybrid format, was broadcast live on multiple platforms and attended by youth representatives from around the world.

## Tsinghua University wins 24th Women's CUBA

### Editor's Note

On July 21th, Tsinghua University won the 24th Women's CUBA China University Basketball Divison with 7 wins and 0 losses!

This is the 3rd time that Tsinghua has won the championship.

Song Kexin, the captain of Tsinghua women's basketball team, was named MVP of the season. Tsinghua women's basketball coach Yang Banban was named the best coach in CUBA.



The following profile of Song Kexin highlights her remarkable achievements as captain of the school's basketball team.

### Song Kexin

Song Kexin entered Tsinghua in 2017 and has acquired many championship titles since then, including CUBA (Chinese University Basketball Association) and the Chinese National Games.

Faced with such brilliant achievements, Song is still very modest. She never regarded herself as a talented player.



"Basketball is a sport for giants. I'm not tall enough, so I have to train harder to improve my techniques," said Song.

Her favorite player is Stephen Curry, an American NBA basketball player with a height of 1.88m, not very tall for male basketball players. "I like him just because even though he doesn't have outstanding body conditions, he's able to get his own foothold in the NBA, create his own technical features, and make them popular among basketball lovers all over the world."

She started to undertake professional basketball training when she was in year six in elementary school. Since then, she started her journey as a

young basketball player. From Xi'an to Tsinghua, from an ordinary sports lover to a member of the Chinese women's basketball training team for the Olympics, Song is firmly walking on the path of pursuing her dream.

Song has been admitted to the School of Social Sciences, and she will start her postgraduate studies this autumn. A brand-new studying experience is awaiting her, and she has a clear plan for her future.

"Of course, my future career will be closely related to basketball. Sports management might be one of my future directions, and I'm also quite interested in teaching basketball as a professional coach."





# Tsinghua University wins CUBA championship again

## Editor's Note

On July 31, Tsinghua University won the 24th CUBA Men's basketball first-level national championship with 0 losses.

This is the third time in a row for Tsinghua to become the champion of CUBA. It is also the first time in the history of Tsinghua University that both Men's and Women's basketball teams have won first place in CUBA at the same time! Zou Yang was named the FMVP in the latest game.

Let's meet some TsinghuaRen who have made remarkable achievements as players of the school's basketball team and pursued their dreams to become professional basketball players.



## Zeng Maozhou

On June 20, 2021, the Tsinghua basketball team successfully defended the CUBA championship.

It was the second CUBA championship for Zeng Maozhou, the team's former captain, and the final one. After his exhilarating victory, he retired from

the team and started his studies as a postgraduate student at the School of Public Policy and Management.

For Zeng, his life after retiring from the team is completely different.

"When I was in the team, we used to train every afternoon, about three hours each time. Now I could freely choose to

play basketball whenever I want and I don't have to take training classes. I still maintain a relatively moderate frequency in exercising to strengthen my physical fitness."

Zeng started to play basketball when he was five or six years old, and later he started to undergo professional training. Step by step he managed to be admitted to Tsinghua and become the captain of the school's basketball team.

"Basketball is a team sport. Team interest outweighs individual interest, so we are always very united in the games. That helps me a lot to understand the essence of team spirit."



have been able to get the FMVP, so I'm really grateful to my beloved team."

"As the point guard, the most important thing is to unite the whole team, and it's also crucial to help every member of the team, including myself, to give full play to our capacities, as the organizer." Team spirit is indispensable for a basketball player, as the sport requires collaboration and cohesive force.

He also nurtures a strong sense of responsibility during his journey with basketball. "When I was a kid, playing basketball was probably just a simple hobby for me, but gradually I felt that basketball had brought me a sense of responsibility. I learned to work together and cooperate with my teammates to achieve more and more victories."

Wang is pursuing his dream of being a professional basketball player. On July 24, the Chinese Basketball Association (CBA) concluded the 2022 CBA Draft, with Wang Lanqin from Tsinghua University selected as the first overall pick for the Nanjing Monkey Kings. He also becomes the 100th player to be drafted in CBA Draft history.

## Wang Lanqin

The CUBA final last year meant not only a continuation of Tsinghua's basketball "dynasty", but also the preservation of Tsinghua's basketball spirit. In the final, Wang Lanqin, the present captain, obtained the FMVP, following in the steps of former captain Zeng Maozhou.

While talking about his FMVP title, Wang modestly attributed it to the whole team. "I think the achievement belongs to the team. Without full support from my teammates and coaches, I wouldn't





# Harmony and Cooperation Civilization Forum held to discuss a new era of digital civilization



The 2022 Harmony and Cooperation Civilization Forum, with the theme "Harmony and Cooperation – Towards a New Era of Digital Civilization," was held on September 9.

The forum, jointly hosted by Tsinghua University and the International Confucian Association, brought together a diverse cohort of renowned experts from various fields around the world to discuss the unique role of "harmony and cooperation thoughts" in ordering human civilization in the digital era.

Liu Yandong, President of the International Confucian Association, said that the forum was being held to help pass on traditional culture, to uphold the diversity of world civilizations, and to promote exchanges and dialogue among different civilizations so that human civilizations can remain inclusive and harmonious.

The International Confucian Association is willing to play the platform role in integrating ancient and modern, the east and the west, contemporary values and ancient civilizations to promote

exchanges and mutual appreciation in the era of digital civilization and to build a beautiful tomorrow, she added.



Fukuda Yasuo, Chairman of the International Confucian Association and former Prime Minister of Japan, highlighted the importance of dialogue in promoting harmony and cooperation across cultures during his opening remarks.

"No matter what difficulties we encounter, the key is to achieve harmony and cooperation with dialogue," he said, emphasizing that countries should maintain trust among one another and work together to solve a wide range of issues on a global scale and promote cultural exchanges.

Qiu Yong, Chairman of Tsinghua University Council, delivered an opening address, highlighting the significance of universities in promoting digital civilization.

He said that in the digital era, universities should shoulder their responsibilities and make their contributions as they are the foundation and the source of technological breakthroughs.

He also maintained that universities should promote the utilization of digital technologies to pass down cultural heritage and to promote mutual respect and inter-dependency among all cultures while creating sharing platforms for digital resources.



Stating that the digital era has brought about not only new opportunities but also new challenges, Qiu emphasized that it was important for all the stakeholders to work together to ensure that digital technologies benefit mankind. "I wish full success to the Harmony and Cooperation Civilization Forum."



Kishore Mahbubani, former President of the United Nations Security Council and the founding Dean of The Lee Kuan Yew School of Public Policy at the National University of Singapore, said that the forum was timely as it addressed one of the most important questions of the time. He said that all the countries must come together in the United Nations and work out necessary conventions to create multilateral frameworks to manage the new digital space and new digital technologies.



The opening ceremony was hosted by Peng Gang, Vice President of Tsinghua University.

Following the opening ceremony, several speakers delivered keynote speeches.

Wang Hui, Distinguished Professor of Arts, Humanities, and Social Sciences at Tsinghua, delivered his remarks on the topic of "Revelation of Asian-African Solidarity: Harmony in Diversity and New Internationalism."

Roger T. Ames, Vice President of the International Confucian Association and Chair Professor of Humanities at Peking University, centered his speech on the evolving digital civilization and related new technologies.

Chu Yun-han, Professor of Political Science at Taiwan University and Member of the Advisory Board of the Institute for Chinese Culture, shared his thoughts on digital civilization and shared society.

Helwig Schmidt-Glintzer, Professor of East Asian Literature and Cultural Studies at the University of Göttingen, also Vice President of the International Confucian Association, made a presentation on how to promote harmony and cooperation in a new era of digital civilization.

Li Zhongqing, the Dean and Chair Professor of the School of Humanities and Social Sciences at Hong Kong University of Science and Technology, gave his remarks on the topic of "From the Best to the Rest: How Big Data and Digital Humanities Changed Our Understanding of Chinese Academic and Scientific Elite, from 1920 to 2020."

Apart from keynote speeches, the forum also featured three panel sessions. The first panel session was entitled "Characters, Literature and Civilization in the Digital Era," whereas the second and third panel sessions were entitled "Exchanges and Mutual Learning among Civilizations in the Digital Era" and "International Confucianism in the Digital Era," respectively. The panelists in these sessions included distinguished professors and scholars from various universities and academic institutions attending online from around the world.



The forum concluded with closing remarks from Chen Lai, Distinguished Professor of Arts, Humanities, and Social Sciences at Tsinghua, Vice Chairman of the International Confucian Association and Director of the Tsinghua Academy of Chinese Learning.

The forum, which was held at the main building of Tsinghua University, adopted a hybrid online and offline format and was broadcast live in both English and Chinese on Tsinghua's Rain Classroom.



## The 15th CPC Congress of Tsinghua University opens



The 15th CPC Congress of Tsinghua University opened at the New Tsinghua Xuetang on September 29.

Entrusted by Cai Qi, a member of the Political Bureau of the 19th Central Committee of the Communist Party of China and secretary of the CPC Beijing Municipal Committee, Xia Linmao, a member of the Standing Committee of the CPC Beijing Municipal Committee and secretary of the Beijing Municipal Education Commission, delivered a speech.

Tian Xuejun, a member of CPC Leading Group of Ministry of Education and

vice-minister of education, also delivered a speech.

Qiu Yong, secretary of the CPC Tsinghua University Committee, on behalf of the 14th CPC Tsinghua University Committee, spoke and delivered a report at the conference. The report is entitled "Keep the entrusted mission in mind, take advantage of the momentum, and strive towards a new paradigm for the high-quality development of world-class universities with Chinese characteristics".

Wang Xiqin, deputy secretary of the CPC Tsinghua University Committee

and president of Tsinghua, presided over the conference.

The Commission for Discipline Inspection of the 14th CPC Tsinghua University Committee made a written work report.

Nearly 500 delegates, including representatives of the 15th CPC Congress of Tsinghua University, attendees and invited participants, were present at the conference.

## As 20th CPC National Congress begins, Tsinghua students, faculty members share their views on China's achievements

As China kicked off the 20th National Congress of the Communist Party of China (CPC), Tsinghua students and faculty members from various schools and departments discussed the significance of the ongoing national congress and lauded China's achievements over the past decade at an event held on campus on October 16.

The event "Understanding China: What We Learn from the 20th CPC National Congress" was organized by the International Students and Scholars Center and supported by the Center for Global Competence Development. More than 30 domestic and international students and scholars participated in the event.



Associate Professor He Jianyu giving a presentation on "Understanding CPC"

Associate Professor He Jianyu in the School of Marxism gave a presentation on "Understanding CPC," in which he explained to the students the organizational structure of the 20th CPC National Congress and the selection process of the delegates to the Congress as he shed light on the significance of the ongoing five-yearly political gathering.

He also highlighted some key takeaways from the 20th CPC National Congress's



opening session. The congress opened at the Great Hall of the People in Beijing on October 16 and concluded on October 22.

Following his presentation, participating students split into five groups, and discussed their observations about China's achievements in various sectors over the past decade and their hopes and expectations for China's future growth.

Shi Jiayi (China) from Rixin College, representing Group 1, talked about the process of nominating and electing delegates to the 20th CPC National

Congress and its organizing work, and shared her views on China's environmental protection efforts and foreign policies with their teammates.

Monkam Patrice (Cameroon) from the Department of Automation recalled President Xi Jinping's letter to international students and said that his letter encouraged students like him to understand the CPC by exploring more of the country. He also expressed his strong willingness to take part in the social practice at Tsinghua and group activities organized by various schools and departments.







Zhu Shaojia (China) from the School of Public Policy and Management, together with his teammates from Group 2, talked about China's people-centric governance at the grassroots level and how it has helped ensure effective public services.

Temelidi Yulia (Russia) from the School of Social Sciences praised China's great progress in environmental protection over the past decade, especially in improving urban green coverage and air quality. She hoped the 20th CPC National Congress would introduce friendly policies for international citizens to get better accustomed to China's development.



John Paul Grima, an instructor in academic English at Tsinghua's Language Centre, said that one of the conceptual ideas that was helpful for him in understanding the process of the congress was the issue of democratic consultation. He thanked the organizer for holding such an insightful event.

Yulia Soina, a Russian post-doctoral fellow in the School of Journalism, said that the event was helpful in understanding the spirit of the 20th CPC National Congress.

Wu Nianying (China) from the School of Architecture highlighted the remarkable

achievements the CPC has made in rural vitalization in the past ten years, saying the party efforts have brought great changes to the countryside and the life of the Chinese people. He added that China's great experience of poverty alleviation and rural vitalization should be well promoted and extended to developing countries around the world.

Daria Gerasimenko (Russia) from the School of Social Sciences inquired about China's approach to innovation and global cooperation in the next five years and beyond following the 20th CPC National Congress.

The event was moderated by Xiao Qian, Associate Dean of International Affairs at Tsinghua University.

Tsinghua faculty members also reviewed China's past achievements and shared their expectations for the ongoing CPC national congress.

Getachew Engida, Distinguished Visiting Professor and Co-President of the China-Africa Leadership Development Institute (CALDI), Tsinghua, said, "I have witnessed first hand the unprecedented transformation China has gone through. It has lifted a billion people out of poverty in few decades, has industrialized and became the largest economy in the world in terms of purchasing parity. It has moved on from being simply the factory of the world in smoke stuck industries to provider of high value added goods and services using the latest technologies, including AI, machine learning and robotics. At the core of these phenomenal growth is



Prof. Getachew Engida

the due attention paid to research and development and its linkages to the private sector."



Professor Michael R. Powers

Similarly, Professor Michael R. Powers from the School of Economics and Management said, "Following the dramatic progress of China's four decades of Economic Reform and Opening Up, and the Elimination of Absolute Poverty in 2020, the country is on track to achieve a sustained period of economic growth accompanied by greater economic equity. Considering the serious challenges facing many developing nations, as well as ongoing social and political difficulties in the most industrialized economies, it is clear that China's experience will be useful to governments and their citizens around the world."



Professor Stella Christie

Stella Christie, a professor for the Department of Psychology at Tsinghua University, said she was privileged to be in Beijing at this historic moment of the 20th CPC National Congress. "I wish the delegates to the 20th National Congress of the Party and all Chinese people a successful meeting, which will benefit the Chinese nation and further the cause of peace and stability worldwide," she added.

## Multi-stakeholders from 6 Continents co-initiate the Global Youth Climate Week



Over 100 institutions, organizations and networks from 6 continents jointly launched the Global Youth Climate Week on October 31.

Scheduled one week ahead of each UN Climate Change Conference, the Global Youth Climate Week (the Week) aimed to contribute a mechanism for global climate governance by convening the climate actions of youth worldwide, to help them voice out their climate dedication together and to prepare them to take the lead in building a net-zero future shared by all.

The Week, which is proposed by Global Alliance of Universities on Climate (GAUC) to UNFCCC back in January 2022, was praised by the then UNFCCC Executive Secretary Ms. Patricia Espinosa as "an impactful contribution to the UNFCCC process." It has since gained support from leading international organizations such as UNESCO, Bloomberg, and the Rockefeller Foundation.



In order to maximize the effect of the Week and to engage broader society, GAUC called out for co-initiators this September and received active responses from partners worldwide.

Within a month, over 100 co-initiators from 6 continents were on board to back the climate actions of youth, covering a large variety of backgrounds, including academic institutions & think tanks, renowned brands from private sector, media agencies, charities, international & regional organizations, NGOs, and civil society.



"The geological and industrial diversity of the co-initiators reflects the commitment from multi-stakeholders to conquering the climate challenge," said Yang Bin, the Chair of GAUC's Executive Committee and the Vice President of Tsinghua, one of the founding universities of GAUC. "That commitment is what the world needs in this critical time."

Lasting 5 days until November 4th, the inaugural Week featured diversified events organized by its co-initiators to offer different perspective for the youth to approach the challenge as well as the Global Youth Summit on Net-Zero Future, a youth-led events organized by the GAUC Global Youth Ambassadors to present their interdisciplinary approach to the challenge.





# Where China and the world are heading, and how we can help: Gen Z speak up

Co-sponsored by Tsinghua University and China Daily, the Global Generation Z Forum 2022 was held at Tsinghua University on Nov 14. At the forum, members of Generation Z from more than 30 countries talked about their interpretation of what happened at the 20th National Congress of the Communist Party of China and on its significance to the world.

Qu Yingpu, publisher and editor-in-chief of China Daily, and Qiu Yong, secretary of the CPC Tsinghua University Committee and chairman of Tsinghua University Council, gave the opening speeches at the forum online. Wang Hao, deputy editor-in-chief of China Daily, Xiang Botao, deputy secretary of the CPC Tsinghua University Committee, Dong Xia, head of the International Liaison Department of the Central Committee of the Communist Youth League and others were present at the forum. Members of Generation Z from China, Russia, India, South Africa, France, Egypt, Georgia, and the United States attended the forum and delivered speeches.



Qu of China Daily said that in the report of the 20th CPC National Congress, President Xi Jinping mapped out a blueprint for China's future and called on young people to blossom as they help to build China into a modern socialist country in all respects. The congress is directly and closely related to both Chinese and global youth, Qu said. He suggested that young people learn about the spirit of the 20th CPC National Congress and put it into practice. He encouraged youth all over the world

to promote the construction of "a community with a shared future for mankind" and encouraged young people to try to better understand China. They should visit more places in the country and present to the world unbiased and truthful stories of China so as to promote exchanges and mutual learning among Chinese and other civilizations, he said.



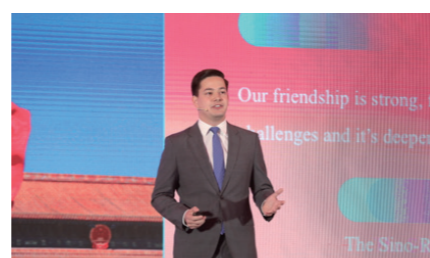
Qiu said "a nation will prosper only when its young people thrive". The world of tomorrow will be better when global youth work together. Drawing on Xi's remarks on youth, he said Tsinghua University is devoted to supporting the cultivation of young people, creating a broader stage on which they can display their talents. He called on young people to discover and understand China and share China's experience with the rest of the world. He conveyed his hope that young people be the participant and narrator of world stories, and work tirelessly to build a community with a shared future for mankind.



At the forum, members of Generation Z talked of their thoughts on the 20th CPC National Congress, on what they think the mission of the world's young is and on their hopes and aspirations for the future.



Liu Dibo, a Chinese studying in the School of Environment of Tsinghua University, told of his "friendship in generations" with Francesco Ricci Bitti, president of the Association of Summer Olympic International Federations, when Liu worked as a volunteer at the Winter Olympic Games and Winter Paralympic Games in Beijing this year. He referred to his friendship with Bitti as "a warm friendship born in the cold of the Winter Games", and said it is the responsibility of every generation of Chinese youth to let the world know about the country's culture.



Nik Gu, a Russian studying international relations and one of the global student ambassadors at Tsinghua, said he had witnessed the rapid development and historic changes of China in recent years. Gu, who has lived in China for 17 years, said he has been deeply influenced by its cultural concept of "harmony without uniformity". He said he was optimistic about continuing close relations between China and Russia, and called on young people worldwide to work together to promote the concept of "a community with a shared future for mankind" in the world.



Shamim Zakaria, from India, who is a journalist, said he once visited China's countryside to immerse himself in rural life. He realized the profound meaning of the concept of "this country is its people; the people are the country", he said, which was emphasized by President Xi in the report of the 20th CPC National Congress. Countries should put aside differences and focus on commonalities and pass on their wisdom based on equality and mutual respect, he said. "I firmly believe that when we act for the greater good as young people, the effects will be felt for years to come."



Minh Thao Chan from France, a PhD student majoring in autonomous driving at Tsinghua University, talked of his understanding of the "Chinese path to modernization". China has placed a premium on developing science, technology and education, he said.



Sherif Abdelsamie, an Egyptian studying at the University of International Business and Economics in Beijing, told of the positive impact on Egypt of the Belt and Road Initiative, and expressed his gratitude to China for its contribution to the world's development.



Tamar Kvlividze, a Georgian short-video blogger, who has her own channels on social media platforms in both China and Georgia, said that as an international online celebrity she used her camera to tell of what she had heard and seen in China. Through her videos, a credible, appealing, and respectable presentation of China has attracted many viewers, she said.



Jennifer Holstein, from the United States, who had studied in China and worked as an educator here, said she agrees with the Chinese government's idea of "invigorating China through science and education and developing a strong workforce for the modernization drive". The government's investment in education, the ethos of respecting teachers and education, and the pursuit of equity in education gave her an insight into the rapid development of Chinese education, she said.



The Global Generation Z Forum 2022 was organized by China Daily 21st Century and co-organized by the College Alliance for Young Ambassadors, with the aim of guiding young people around the world to understand and interpret China, promoting mutual learning and communication, and encouraging young people to share responsibility for building a better world.



# The 2nd World Health Forum opens

## Towards Health Equity, Together for a Shared Future

On November 19, the 2nd World Health Forum, organized by Tsinghua University and co-hosted by Tsinghua Vanke School of Public Health and Tsinghua Institute for Healthy China, kicked off at Tsinghua University in Beijing. The forum was themed Towards Health Equity, Together for a Shared Future.

The forum attracted distinguished guests from public sectors in public health, prestigious universities and institutions, international organizations, top journals and NGOs from more than 10 countries and regions. Opening remarks were delivered by Li Bin, Vice Chairperson of the 13th National Committee of the Chinese People's Political Consultative Conference (CPPCC), Cao Xuetao, Vice Minister of the National Health Commission, Wang Xiqin, President of Tsinghua University, Bill Gates, Co-chair and Trustee of the Bill & Melinda Gates Foundation, and Margaret Chan, Chairperson of the World Health Forum and Founding Dean of Tsinghua Vanke School of Public Health. Tsinghua Vice President Zeng Rong hosted the opening ceremony.

Jürg Burri, Ambassador of Switzerland to China, Liang Wannian, Executive Vice Dean of Tsinghua Vanke School of Public Health, Wang Kaibo, Vice Dean of Tsinghua Vanke School of Public Health, and representatives from the National Health Commission and the Chinese Ministry of Education, diplomatic officers from other countries to China, as well as representatives of UN agencies and international organizations in China, also attended the opening ceremony. More than 100 faculty members, research fellows and students from Tsinghua University participated in the opening ceremony.



Li Bin stressed that public health is an integral part of Chinese modernization. President Xi Jinping has clearly put forward that we must give strategic priority to ensuring the people's health and improve policies on promoting public health. This fully reflects the Chinese government's high concern about people's health and well-being, and about the people-centered philosophy of development.

She reviewed a series of landmark achievements in the reform and development of Chinese characterized health services, as well as the efforts made by the Chinese government to advance "health equity" in the process of building a healthy China.

She pointed out that, to achieve health equity, improving global health governance with the spirit of solidarity, multilateralism and continuing to open up to the outside world are essential. She hoped that through in-depth discussions on issues related to health equity, the forum would build consensus, promote cooperation, and contribute to a brighter future of human health.



Cao Xuetao, based on the report of the 20th CPC National Congress, stressed that the Chinese government adheres to people-centered philosophy, and has been implementing a series of practical measures and making unremitting efforts to achieve the goal of "basically achieving health and equity by 2030".

He pointed out that the realization of global health equity requires common wisdom and efforts of the international community. Information exchanging and experience sharing among countries need to be improved. China will continue to deeply participate in global health governance, actively implement the global development initiative, unite and cooperate to fight the epidemic, promote international cooperation and exchanges in health, and advance the building of a community of common health for mankind.



Tsinghua President Wang Xiqin stated that a university is a place where human civilization can be inherited, integrated, and developed. It has combined functions of scientific innovation, talent training, and international exchanges and cooperation. Universities must take the responsibility of protecting human life and health, and promoting health equity. Tsinghua University adheres to putting the people and their lives above all else, giving high priority to public health, and supporting it as a key development area of the University. He also said the University will make relentless efforts

to apply systems thinking, maintain a global vision, and keep itself open and inclusive, so as to enhance mutual learning and exchanges with global partners, and play an important role in achieving "Universal Health Coverage" and building a community with a shared future for mankind.



Mr. Bill Gates pointed out that to make COVID-19 the last global pandemic, the world needs to do the right things, including more capacity in vaccine manufacturing, a better health system to ensure equal and quick access to vaccines, stronger disease surveillance, especially in low- and middle-income countries. He also emphasized the commitment of the Gates Foundation to bringing partners together from across sectors and national borders to achieve shared goals.



Margaret Chan said that achieving health equity is a long and complex objective. To achieve this, we should implement a fair and people-centred development policy and "Leave no one behind"; we should unite political, economic, and social efforts; we should mobilise the



power of science and technology; and we should address the climate crisis that is preventing health equity. She reinforced that the international community must act urgently in solidarity to achieve health equity.

The two-day forum convened 70 global scholars, members of international organizations, industry leaders, academics and futurists from more than 10 countries and regions to take a long view on the following topics, including Building an inclusive mental health service system for all; leave no one behind: Address Health Issues of Vulnerable Populations; Achieving health equity with political, economic

and social efforts; Universal Health Coverage: The Power of Science and Technology; Climate Change and Health Equity; and Realigning Health and Poverty Alleviation towards the 2030 SDG Goals.

The World Health Forum was initiated by Tsinghua University in 2021. It aims to provide a platform for dialogue, academic exchanges 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 community of common health for mankind.





# Tsinghua Southeast Asia Center Campus is launched in Bali, Indonesia



Launch ceremony

On November 16, 2022, the launch ceremony of Tsinghua Southeast Asia Center (Tsinghua SEA) campus was held in Bali, Indonesia as the 17th summit of the Group of 20 (G20) opened. More than one hundred people, including Wang Hongwei, Vice President of Tsinghua University, Luhut Binsar Pandjaitan, Coordinating Minister of Maritime Affairs and Investment, Indonesia, Sandiaga Uno, Minister of Tourism and Creative Economy, Cherie Nursalim, Vice Chairman of United in Diversity Foundation (UID), Gordon Duff, Honorable President of United in Diversity Foundation, Tantowi Yahya, President of United in Diversity Foundation, representatives from the School of Continuing Education, Office of International Affairs, Medical School, Institute for Sustainable Development Goals, Education Foundation of Tsinghua University as well as other related organizations, alumni representatives from Tsinghua University in Indonesia, and representatives of Indonesian universities and NGOs attended the event.

Wang Hongwei said in his opening remarks that Tsinghua SEA is an exciting new step within the framework of Tsinghua Global Strategy. With the Center as an exchange platform, Tsinghua and UID have joined hands with partners from Southeast Asia and beyond in developing talent training programs, academic exchange and cooperation, and keeping our

commitments to the United Nations Sustainable Development Goals (SDGs), the Global Development Initiative proposed by President Xi Jinping, and the New Era Bali Kerthi Economic Roadmap launched by President Joko Widodo.

Wang reflected on the development path and achievements of the Center since 2018. The Center has been advancing talent cultivation, academic forums, cultural exchanges and other aspects. At the 70th anniversary of the establishment of the China-Indonesia diplomatic relations, Indonesian President Joko Widodo sent a special letter to acknowledge the positive role played by Tsinghua Southeast Asia Center in promoting education and cultural exchanges between the two countries. The successful completion of the Happy Digital X Program in 2021 has laid a good foundation for the future training of more outstanding and innovative young people with an international perspective. Furthermore, during the COVID-19 pandemic, the Center has also held forums and discussions on challenging issues of our time, including public health, digital transformation, and AI governance, to facilitate more extensive and in-depth cooperation between China and Indonesia and to make positive contribution to building a better, stronger and healthier future.

Wang said that Tsinghua SEA would become a key platform to promote the cooperation and exchange between China and Indonesia, in Southeast Asia, and in the global scale towards a balanced, coordinated, and inclusive community. He said that Tsinghua will attach more importance to the cooperation with its global partners to bring about changes and solutions for the world. Tsinghua is looking forward to exploring emerging opportunities for greater collaboration and contributions for the world development in the long run.



Wang Hongwei speaks at the launch ceremony

Cherie Nursalim said in her remarks that the opening of Tsinghua SEA campus marked the successful start of cooperation between UID and Tsinghua University. The Bali Campus, where the Center is located, is a global learning hub that will provide a wealth of content for people from all walks of life and a strong complement to university studies. In addition, the Center will provide full support to the participants in their networking, capacity building and spatial development to create innovative solutions that directly contribute to the UN SDGs.



Cherie Nursalim speaks at the launch ceremony

In his opening remarks, Gordon Duff said Tsinghua and other universities in the

world with the best science, technology and research are very welcome to come to Bali to conduct cooperation, so that the best and brightest from all over the world can share and propose solutions to each other and contribute their wisdom to create a better life.



Gordon Duff speaks at the launch ceremony

Luhut Binsar Pandjaitan and Sandiaga Uno addressed the launch ceremony respectively. They started with congratulations to UID and Tsinghua and expressed that it is of special significance to witness the opening of the Tsinghua SEA campus in Bali, thanked Tsinghua University for its contribution in the diversified cooperation between China and Indonesia and expressed hopes that the Center will become an important platform for China-Indonesia education cooperation and global innovation cooperation.



Luhut Binsar Pandjaitan and Sandiaga Uno

Before the launch ceremony, Wang Hongwei and his delegation held a meeting with Cherie Nursalim, Vice Chair of GITI Group and UID. The two sides reviewed the work carried out in the past four years through joint efforts and thanked each other for their efforts and contributions to the official launch of the park. In addition, they had a full exchange of views on the development of academic exchange activities and the operation and future development of the campus after the opening.



Wang Hongwei exchanges views with Cherie Nursalim

Afterwards, Wang Hongwei had a cordial exchange with some alumni representatives in Indonesia. Wang introduced to the alumni the important achievements made by the University in recent years and the progress of the university's globalization, and acknowledged the positive role alumni have played in the mutual accommodation and mutual learning in various fields between China and Indonesia. He also thanked the alumni for their constant attention and support to the work of the University and hoped that they would actively participate in the construction and development of the University in the future, especially support the development and construction of Tsinghua SEA, help the implementation of the University's 2030 Global Strategy, and contribute to the high-quality development of Tsinghua as a world-class university with Chinese characteristics.



Wang Hongwei and his delegation exchange ideas with alumni

During his visit to Indonesia, Wang also attended the special cooperation meeting of the China-Indonesia Joint Research Center for Vaccines and Genomics, and discussed the cooperation between China and Indonesia in the fields of vaccines and genomics and other related biological medicine. Representatives of medical colleges, Indonesian universities and Chinese and Indonesian pharmaceutical companies attended the event.



Special Cooperation Meeting of China-Indonesia Joint Research Center for Vaccines and Genomics

As an important part of the full implementation of Tsinghua's global strategy formulated in 2016, Tsinghua Southeast Asia Center (Tsinghua SEA) was founded in October 2018. The Center is managed and operated by the School of Continuing Education, Tsinghua University, and UID has assisted in the operation and construction of related facilities. Since its establishment, the Center, located in Indonesia with impact on the whole Southeast Asia, has actively engaged in personnel training and people-to-people exchanges, and contributed to the Belt and Road Initiative and the realization of the United Nations Sustainable Development Goals. With the Center, Tsinghua University will work with global partners to create a platform for sharing and innovation with academic, business, government and other social sectors, and actively explore education innovation and education ecosystem construction.

The Tsinghua SEA Campus in Bali is now officially operational after nearly four years of design, preparation, construction, furnishing and decoration since it broke ground in October 2018. The campus covers an area of 17,000 square meters, and the floor area is about 5,500 square meters with a total of five floors. The building can accommodate more than 300 people to work or study at the same time.



Tsinghua Southeast Asia Center



# 1st Tsinghua Higher Education Forum explores new role of universities in a changing world

The evening of November 29 saw the 1st Tsinghua Higher Education Forum initiated by Tsinghua University in Beijing, themed by "New role of universities in a changing world: Big issues to shape emerging futures". Du Yubo, President of the China Association of Higher Education, Wang Xiqin, President of Tsinghua University, and Nicholas B. Dirks, the 10th Chancellor of the University of California, Berkeley attended the opening ceremony of the Forum, presided over by Yang Bin, Vice President of Tsinghua University.



In his video speech, Du Yubo first expressed his congratulations on the convening of this Forum. He emphasized that China, as a major developing country, has put forward a major initiative to build a community with a shared future for mankind in the face of major changes unseen in the world today, which has responded to global issues and proposed what mankind should do. As an indispensable and important driving force for building a community with a shared future for mankind, universities shoulder important responsibilities such as talent training, scientific research, social services, cultural inheritance and innovation, and international exchanges and cooperation. Facing the future, universities must train qualified talents, build an international academic community, and expand international

exchanges and cooperation. Cooperation is a historic trend, and win-win is what the people want. We need to jointly foster the quality development of higher education, and make new and greater contributions to the building of a community with a shared future for mankind and creating a new form of human civilization.



Wang Xiqin extended a welcome to all the guests, experts and scholars present at the Forum. He pointed out that the world today is confronted with accelerated changes unseen in a century, which has profoundly affected the process of global higher education. Higher education has entered a new stage of development, taking on characteristics of the new era. First, the emergence of new disciplines as well as subject differentiation are more and more contradictory to the interdisciplinary solutions of multifaceted issues. Second, universities' reputations and scholars' reputations increasingly enhance each other. Third, the methodologies of sciences and arts increasingly overlap. And fourth, university education and socioeconomic development are increasingly intertwined. The current development of higher education showcases that universities undergo integration in many ways.

For more than 110 years, Tsinghua has

greatly valued the integration of China and the world, the past and the present, the arts and sciences, embarking on a path of interrelated development. The future of Chinese universities will also embrace the engagement with an array of diverse cultures, arts and sciences, the past and the present. This approach to development means that China's university education should better combine global analytical thinking with Chinese correlative thinking, combine people's inner quality and social role, and integrate arts, which focus on sensibility, and sciences, which focus on rationality, so as to achieve all-round development. It also means that universities should combine the competition-dominant market approach with the regulation-dominant planned approach for a better university governance model and overall social progress.

Wang added that he hoped all experts and scholars at the Forum to have in-depth exchanges and discussions, shed some new light on the development of higher education, and make intellectual contributions to the development of human society. He also hoped that there would be more sessions of the Tsinghua Higher Education Forum in the future, so as to serve as a brand new and outstanding platform for discussions on the development of global higher education.



Nicholas B. Dirks discussed universities' ideals in the 21st century. He started his speech with the 19th century educator Cardinal Newman's philosophy on universities, "knowledge for knowledge's sake", and proposed that liberal arts education is an important goal of school education, and that liberal arts education and science and technology education should be closely integrated. Speaking of his own experience, Dirks said that the philosophy of the University of California, Berkeley is the "California Idea" in the 20th century. In the 21st century, universities need to train students with comprehensive thinking, learning and research capabilities, and must provide education and research opportunities for students from a wider society. The idea of universities will be the most critical idea for future prosperity, safety, health, intellectual well-being for all.



Sub-forum 1 took place under the theme of "Revisiting the Ideal of a University". Xie Weihe, one of the Distinguished Professors of Arts, Humanities and Social Sciences at Tsinghua University, released a keynote report entitled "Values: the key to learning to be human". Professor Simon Marginson of Oxford University released a keynote report entitled "Higher education as self-shaping of students". Shi Jinghuan, Professor at the Institute of Educational

of Tsinghua University, spoke highly of the reports of the two experts, which echoed the theme of the forum and stressed the key idea that educating people is the core mission of higher education. Hans de Wit, former Director of the Center for International Higher Education of Boston College, and an esteemed global expert on higher education emphasized in his speech that the cultivation of students' international vision and sense of social responsibility needs attention. Professor Yang Rui, Dean of the Faculty of Education at the University of Hong Kong, shared his views on the essence of education, mutual respect between Chinese and Western civilizations, and the combination of different cultural traditions. The Sub-Forum was chaired by Professor Wen Wen, Deputy Director of the Division of Higher Education, Institute of Education, Tsinghua 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, and more than one million viewers watched the live broadcast of the opening ceremony online.

During the four-day Forum, experts and scholars at home and abroad focused on universities' mission of educating people, social responsibilities, higher education empowered by technology, and the ideals of universities. Three Sub-Forums were held, with the themes of "Learning to be Human: The Education Mission of Universities", "Reimagining Technology-empowered Higher Education" and "Rethinking the Social Responsibility of Higher Education".





# 3rd International Forum on Engineering Education opens online



The 3rd International Forum on Engineering Education was jointly launched by Tsinghua University, the Chinese Academy of Engineering (CAE) and the United Nations Educational, Scientific and Cultural Organization (UNESCO) on the night of December 7.

Under the theme of "Sustainable Innovation in Information Technology," the online forum brought together about 500 experts and scholars in the sectors of engineering education, disciplines and industries, who held talks and exchanges about how to give full play to the roles of engineering education in promoting sustainable development, making digitization more intelligent and advancing the growth of engineering education.

CAE President Li Xiaohong, Tsinghua University President Wang Xiqin, Director of UNESCO's Beijing office Shahbaz Khan, as well as Secretary General of the Chinese National Commission for UNESCO Qin Changwei attended the opening ceremony.

Wang Guangqian, vice-president of Tsinghua University, presided over the opening ceremony.

In his speech, Li said that General Secretary of the Communist Party of China (CPC) Central Committee Xi Jinping stressed in his report to the 20th



CPC National Congress that the country must regard science and technology as a primary productive force, talent as a primary resource and innovation as a primary driver of growth, fully implement the strategy for invigorating China through science and education, the workforce development strategy and the innovation-driven development strategy, open up new areas and new arenas in development, and steadily foster new growth drivers and new strengths. Li added that engineering technology and education are crucial in addressing major global challenges, and that human talents in the engineering sector are of vital importance to the development of the scientific and technological revolution and industrial transformation.

Li emphasized the importance of exchanges and mutual learning to the high-quality development of engineering education and called on attendees to share their thoughts and experiences, come up with insightful proposals, and strengthen their friendship with worldwide partners.



Shahbaz Khan said that the UN agency has maintained close cooperation and exchanges with Tsinghua University on the development of engineering education since establishing the International Centre for Engineering Education (ICEE) at the prestigious Chinese university six years ago. He noted that engineers have used their scientific knowledge and experience to promote the realization of the sustainable development goals and to bring benefits to all of mankind.

Khan said that engineering innovation has become a paramount factor in transforming the landscape of social development and that the coexistence of crises and opportunities has set higher requirements for future engineers, engineering practitioners and researchers. He added that the forum has provided attendees with a valuable platform to deepen their collaboration, promote research projects related to sustainable development, have a better understanding of engineering education, and to improve and innovate talent cultivation mechanisms.



Qin said that all sides should strengthen their exchanges and cooperation on the development of engineering education as the dynamic growth of engineering

technology has expedited the revolution of engineering education. He hoped that the forum will adhere to UNESCO's guiding principle of opening science to all people, focus on educational revolution with a global vision, explore effective approaches to resolve major issues connected to engineering education, share experiences and practices in the cultivation of high-caliber talents in electronic information technology, put forward proposals for the further revolution of engineering education, forge consensus for cooperation, and make new contributions to the revolution of global education and the development of global engineering education.



Wang Xiqin delivered a speech themed on "Engineering Education: Empowering digital and intelligent transformation, and promoting sustainable development." Wang said in his speech that engineering education fully reflects the characteristics of the times in higher education development. The world today is confronted with accelerated changes unseen in a century, which have a profound effect on global higher education. The educational mode and form of higher engineering education are quietly changing: first, it is more integrated, and talent cultivation presents cross-discipline characteristics; second, it is more innovative, and the emerging engineering disciplines break the traditional education pattern; third, it is more comprehensive, and the training process is integrated with elements of the humanities and social sciences; fourth, it more effectively faces real life problems.

He also noted that engineering education leads in advancing the realization of sustainable development goals. In Transforming Our World: The 2030 Agenda for Sustainable Development approved by the UN in September 2015,

the 17 sustainable development goals (SDGs) are the systematic development framework and common action plan proposed by mankind based on historical experience and future vision. Each of them is related to engineering and the fulfillment of each goal depends on engineering.

It is said in the Report to the 20th National Congress of the Communist Party of China that to build a modern socialist country in all respects we must, first and foremost, pursue high-quality development.

The new development concepts of innovation, coordination, green procedures, openness and sharing are essentially consistent with the concept of sustainable development. Engineering education, as a hub of education, science and technology, and its related talent, is the basic and strategic support for achieving high-quality development and fulfilling the sustainable development goals.

Wang stressed that the digital and intelligent transformation of engineering education requires electronic information empowerment.

Digital and intelligent transformation is the trend of economic and social development, and empowering it with electronic information is the direction in which higher engineering education is developing and an effective way to achieve sustainable development. Higher engineering education should incorporate electronic information technology into the talent training program in various engineering fields, speed up the deep application of digital and intelligent technology in the field of engineering education, and strengthen its close interaction and collaboration with industry. It is important to promote the integration of production and education, and educate people cooperatively. It is hoped that we can give full play to the empowering advantages of electronic information technology to draw a bright future for the development of engineering education and for the sustainable development of human society.



Kazuya Masu, president of the Tokyo Institute of Technology (TIT), said that engineering education has not only fostered professionals and engineers in certain fields, but has also cultivated those with a wider vision, capable of promoting social and economic development with their knowledge and skills. He spoke with participants about the efforts and practices taken by the TIT to advance the development of engineering education and strengthen educational integration with the liberal arts and sciences.



Gong Ke, director of the Academic Committee of Nankai University and executive director of the Chinese Institute of New Generation Artificial Intelligence Development Strategies, and Wang Xiaoyun, general-manager of China Mobile Communications Group's technical department, delivered thematic reports on engineering education and the sustainable development of the mobile telecommunication industry at the opening ceremony.

The three-day forum comprised eight sub-forums, during which over 80 experts, scholars and enterprise representatives held dialogues over a wide range of topics, including electronic information, urban resilience, digital health, a new power grid and smart new energy vehicles.



## Chinese vice president meets Tsinghua University advisors



BEIJING, Dec. 9 (Xinhua) -- Chinese Vice President Wang Qishan met with the advisory board of the Tsinghua University School of Economics and Management in Beijing via video link on Friday.

Wang said the 20th National Congress of the Communist Party of China has made strategic plans for the cause of

the party and state in the coming years, and China's major policies will maintain a high degree of continuity, stability, and certainty. China's new development will provide new opportunities to the world.

Noting that China-U.S. relations have an important impact on the world, Wang said the successful meeting between

the two heads of state in Bali sent a positive signal to the world, urging the U.S. side to walk the talk and cooperate with China to implement the important consensus reached by the two leaders.

He expressed the hope that the international business community and academia will continue to expand cooperation with China and guide U.S. policymakers to view China and China-U.S. relations in an objective and rational way.

The advisors, led by Apple CEO Tim Cook, said they will continue to contribute to China's cooperation and exchanges with the world in such areas as trade and investment, scientific and technological innovation, talent and education, and green development.

Source: Xinhua

## Global MOOC and Online Education Conference 2022 takes place at Tsinghua University

In recent years, the digital revolution has become the theme of higher education reform and development. Countries around the world have been devising the overall framework of digital strategy, key areas of education strategy, special plans for higher education, and vigorously promoting digital strategic actions in higher education. Reflecting on and learning from experiences, the world is moving forward. On December 8th and 9th, the Global MOOC and Online Education Conference 2022, co-hosted by the Global MOOC and Online Education Alliance and UNESCO Institute for Information Technologies in Education (IITE), was held in Beijing. Scholars, teachers, and business

representatives from various countries presented their visions of future education from different perspectives.

At 8:00 pm on December 9th (Beijing time), the main event of the Global MOOC and Online Education Conference 2022 was held, attended by distinguished guests including Stefania Giannini, UNESCO Assistant Director-General for Education, Andreas Schleicher, Director for Education and Skills at the Organisation for Economic Co-operation and Development (OECD), Nadiem Anwar Makarim, Minister of Education, Culture, Research, and Technology of Indonesia, Ulanbek Mambetkunov, Deputy Minister of Education and Science of the Kyrgyz

Republic, Wang Xiqin, President of Tsinghua University and Board Chair of the Global MOOC and Online Education Alliance, and Wu Yan, Director of the Higher Education Department of Higher Education, Ministry of Education. Zhan Tao, Director of the UNESCO IITE, delivered a closing speech. The Conference was held at Tsinghua University and moderated by Yang Bin, Vice President of Tsinghua University. Song Yi, First-Level Inspector of the Ministry of Education's Department of Higher Education, and Peng Gang, Vice President of Tsinghua University, also attended the event.

At the Conference, President Wang Xiqin and Director Wu Yan jointly hosted the

Launch Ceremony of Infinite Possibilities - Report on the Digital Development of Global Higher Education, which was then released by President Wang. The Report on the Digital Development of Global Higher Education, compiled by the Global MOOC and Online Education Alliance Secretariat, focuses on the digital trends of higher education in the next 10 to 15 years, and proposes actions for the digital transformation of higher education. The Report, composed of three parts, namely "The World in Action", "Changes and Challenges", and "Together for A Shared Future", was jointly written by more than 200 experts from 72 universities and institutions around the world, bringing together the experience and achievements of digital transformation of higher education in countries and international organizations around the world. The Report discusses nine major actions of digital education worldwide, three major trends, and four major changes, and lays down six major initiatives to address the current challenges. The Report creatively puts forward the theory of the three stages - convergence, transformation, and smart - in the digital development of higher education, and innovatively launches the Global Higher Education Digital Development Index, providing an important reference for countries to accurately observe and understand the development process and trend of digital higher education in the world, and to measure the level of digital development of higher education.

Wu Yan, Director of the Higher Education Department of Higher Education, Ministry of Education introduced the achievements of MOOCs and online education in China. Over the past ten years of MOOC development, China's online education has seen rapid changes. The number of MOOCs in China has reached 61,900, with more than 370 million registered users. Over the past decade, the number of MOOCs has increased tens of thousands of times, and registered users have increased by millions of times. Driven by MOOCs, China has been promoting the continuous deepening of education and

teaching reform at universities, changing the form of teachers' teaching, students' learning, universities' management and education. The "MOOCs to the West" project has expanded the openness and sharing of quality resources, and promoted equity of higher quality. In 2022, the Ministry of Education of China launched the National Digital Education Strategic Action, using MOOC resources to build and launch the world's largest national smart higher education platform. The platform and its teaching support service platform jointly provide a full gamut of course services. Since its launch, the platform has been visited 29.2 billion times, and its courses have been signed up for and learned for nearly 500 million times, becoming a key channel for China's higher education to improve quality, promote equity, enhance methods, change models, and deepen cooperation. A four-point China initiative was put forward. First, to accelerate the openness and sharing of resources and promote education equity. Second, to deepen technology applications and reshape the form of higher education. Third, to improve standards and norms for online education innovation. Fourth, to expand open cooperation and build a global education community.

Adagbonyin Obiazi, President of African Engineering Deans Council and Dean of Engineering at Ambrose Alli University, Asha S. Kanwar, President and Chief Executive Officer of the Commonwealth of Learning, Giuliano Noci, Vice-Rector for China of Politecnico di Milano,

Claudio Pastenes, Vice President of Academic Affairs, University of Chile, John Hennessy, 10th President and Honorary Professor of Stanford University, Turing Award Laureate, and Paulina Pannen, Chairman of Indonesia Cyber Education Institute shared their practical experience and thoughts on MOOCs and education digital transformation.

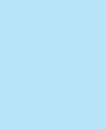
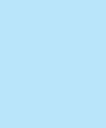
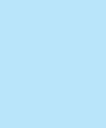
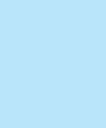
On December 8th, four Sub-Forums were held as fringe activities of the Conference, respectively themed by "Digital Revolution and Higher Education Reform", "A Decade of MOOCs - Building Inclusive Digital Learning Platforms", "Intelligence-Enhanced Diverse Education System" and "Digital Transformation of Education and Digitally-Literate Faculty", where more than 50 guests and digital education experts from UNESCO, renowned universities, platforms and enterprises in nearly 20 countries, including the United States, the United Kingdom, and France, delivered speeches online, discussing the cutting-edge concepts of digital transformation in higher education, and future development.

More than 6,000 representatives from foreign embassies in China, state ministries and commissions of China, departments and bureaus of the Ministry of Education, provincial education departments, universities, online education platforms and enterprises attended the meeting online.



Launch Ceremony of Report on the Digital Development of Global Higher Education





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