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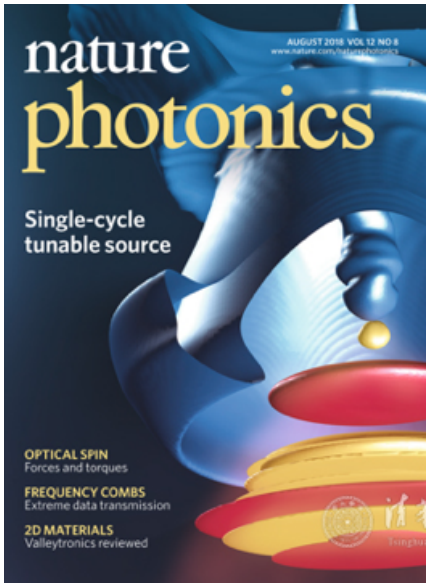
President Qiu Yong Visits Japan



Nature Photonics Cover Story: A "Photon Decelerator" for Single Cycle Tunable Infra Pulses

清華大學 Tsinghua University

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The Seventh World Peace Forum Held at Tsinghua

The seventh World Peace Forum (WPF) opened at Tsinghua University on July 14, with the theme of "Constructing a Security Community: Equality, Equity and Justice". Yang Jiechi, member of the Political Bureau of the Communist Party of China (CPC) Central Committee, and Director of the Office of the Central Commission for Foreign Affairs, addressed the opening ceremony.

The forum was attended by former Afghanistan president Hamid Karzai, former President of the European Council Herman Van Rompuy, former President of the European Commission Jose Manuel Barroso, former Minister of Foreign Affairs of Iran Seyed Ali Naghi Kharrazi, former Foreign Minister of Egypt Nabil Fahmy, former Foreign Secretary of Pakistan Riaz Khokhar, former Minister for Foreign Affairs of Japan Yoriko Kawaguchi, former Minister for Foreign Affairs of Australia Gareth Evans, former Minister of Foreign Affairs and Trade of South Korea Kim Sung-Hwan, former Prime Minister of Pakistan Shaukat Aziz, former Foreign Secretary of India Shyam Saran, the Vice Minister of Ministry of Foreign Affairs of China Le Yucheng, the Vice Chairperson of the Foreign Affairs Committee of the National People's Congress of China Fu Ying, the former Vice Minister of the Ministry of Foreign Affairs of China He Yafei and other former politicians and opinion leaders from around the world. Diplomatic envoys from more than 40 countries attended the opening ceremony. 70 think tank scholars from 23 countries spoke at the forum, and 270 researchers and practitioners in the field of international relations were present at the event. The President of the Chinese People's Institute of Foreign Affairs Wu Hailong, the former President of the China International Institute for Strategic Studies Xiong Guangkai, the Chairperson of Tsinghua University Council Chen Xu, and the Vice President of Tsinghua University Yang Bin also attended the forum. Yan Xuetong, the Secretary General of World Peace Forum, moderated the opening ceremony.

In his opening address, Yang Jiechi congratulated the assembled guests on the opening of this year's forum. He pointed out that the ever-changing international environment is reshaping the security landscape in profound ways: security issues have become more interconnected, more contagious and more perilous. To ensure lasting peace

amidst these profound security shifts, he suggested five principles to be followed in handling international security issues: first, equality and mutual trust; second, cooperation for mutual benefit; third, equity and justice; fourth, reform and innovation; fifth, sustainable development.

"It will take the concerted efforts of all countries to make the bright prospects a reality. Let me say that we will work with all other countries, for a world of lasting peace and universal security, for a community with a shared future for mankind, and for greater progress in the lofty cause of world peace," he said.

He also commended Tsinghua for what it has done to facilitate mutual understanding and friendship among young people from around the world and to promote friendship and cooperation between China and the rest of the world.

In his welcome speech at the opening ceremony, Qiu Yong, President of Tsinghua University, and Chairman of World Peace Forum, extended his warmest welcome and thanks to all the participants on behalf of Tsinghua University and announced the opening of the seventh world peace forum.

"The World Peace Forum is an Asia-based global forum on international security. It has always adhered to the principles of innovation, openness, inclusiveness, and is forward-looking, and it provides a good platform for participating guests to communicate and interact, and strive to add momentum to the sound development of international security cooperation in theory and practice", said President Qiu.

Former Prime Minister of Pakistan Shaukat Aziz and former President of the European Council Herman Van Rompuy spoke at the first plenary with the theme "Trends in Global Order".

During the two-day forum,

current solutions to the security challenges faced by the international community will be discussed. Besides topics such as anti-terrorism and anti-nuclear proliferation, security issues, including trade conflicts and economic security, AI technology and its impact on international relation, are also on the agenda this year.

The forum will have two plenaries with discussion sessions, two lunch meetings and 26 panels, covering international and regional issues as well as other relevant topics.

The World Peace Forum, organized by Tsinghua University and co-organized by the Chinese People's Institute of Foreign Affairs, is a high-level non-governmental global forum on international security held under the approval of the State Council.

President Qiu Yong Visits Japan

--Promoting Cooperation in Education, Science and Technology, and People-to-people Exchanges

On the occasion of the 40th anniversary of the signing of the China-Japan Treaty of Peace and Friendship, Qiu Yong, President of Tsinghua University led a delegation from August 15th to 17th, on a visit to Japan. The visit aimed at an in-depth exchange with Japanese political, commercial and academic circles, and at further advancing educational cooperation, scientific and technological innovation and cultural links between Tsinghua University and Japanese universities.

On August 15th, President Qiu met Masahiko Omura, Representative Director and Chair of the Board of Chuo University, Shozaburo Sakai,

Qiu Yong granted an honorary doctoral degree by Chou University

Chancellor of Chuo University, and Tadahiko Fukuhara, President of Chuo University, to exchange views on in-depth cooperation between the two universities. Earlier, President Qiu was awarded an honorary doctoral degree by Chou University, thereby becoming the first Chinese person to be granted an honorary doctoral degree in the history of the university.

At the meeting, President Qiu extended his thanks to Chou University and said that he would continue to make contributions to promoting the development of friendship between China and Japan and the cooperation between the two universities.

President Qiu stated that Chou University and Tsinghua University have maintained a long-term friendly relationship and the two universities have recently co-established the "Japan-China Innovation Research Center" as a beneficial attempt to undertake joint research, explore international cooperation in industry, academia and research, and to promote innovative development in China and Japan. He also hoped that the two universities would explore new modes of cooperation in such fields as law, economic management, innovation and entrepreneurship, based on their respective disciplines, and thus make a greater contribution to the friendship between China and Japan.

On August 16th, President Qiu met with Toshihiro Nikai, Secretary General of the Liberal Democratic Party, appreciating his support for the development of Tsinghua University over a long period of time. Qiu Yong noted that 2018 was the 40th anniversary of the signing of the China-Japan Treaty of Peace and Friendship as well as the 40th anniversary of China's reform and opening. During those 40 years, China and Japan have had frequent interaction and have made great achievements. Tsinghua University also attaches great importance to the partnership with Japan which it is steadily implementing, and it will continue to deepen its cooperation and exchange with all Japanese sectors in the fields of academic research, innovation and start-ups, humanities and the arts, so as to create a rich soil for the wisdom of Chinese and Japanese young people to grow, and to spread seeds for promoting friendship between China and Japan.

Secretary General Nikai welcomed President Qiu on his visit to Japan on this significant occasion. He said the relationship between China and Japan was of great significance for the peace and development of the world, and that it was faced with more opportunities in this new historical period. He would persist and continue to make efforts to generate

Qiu Yong meeting with Natsuo Yamaguchi

Qiu Yong taking a photo with Yoshitaka Kitao (Representative Director, President & CEO of SBI Holdings) in front of the motto of Tsinghua University

more positive energy for the development of the friendship between the two countries.

On August 17th, President Qiu held a meeting with Natsuo Yamaguchi, President of the Komeito Party. President Qiu introduced the latest developments at Tsinghua University and the exchange and cooperation with different sectors in Japan. President Yamaguchi warmly welcomed Qiu Yong and his delegation to Japan and stated that Komeito was firmly devoted to inheriting and upholding the tradition of friendship between Japan and China, and promoting exchange and cooperation between the two countries. He greatly appreciated that Tsinghua University had always been active in promoting social, cultural and economic development and had made important contributions to the development of China and the world.

During his visit to Japan, President Qiu also met and exchanged views with leaders from different sectors of Japan on the further expansion of cooperation and collaboration in innovation. At the meetings, President Qiu said that universities had played an irreplaceable role in the process of the development of science and technology and industrial innovation and economic globalization. He also hoped that multi-faceted and in-depth exchange and cooperation with Japanese enterprises would be continued in the future.

Qiu Yong granting Takuya Okada, Founder of Aeon Group, the certificate of honorary advisor of the Research Center for Japanese Studies, Tsinghua University

Nature Photonics Cover Story: A "Photon Decelerator" for Single Cycle Tunable Infra Pulses

Recently, a research article from Prof. Wei Lu's group at Tsinghua University entitled "Relativistic, Single-cycle Tunable Infrared Pulses Generated from a Tailored Plasma Density Structure" has been published in the prestigious journal Nature Photonics, and chosen as the cover story for the August issue (Fig. 1). In this article, a novel scheme for tunable relativistic single-cycle infrared pulses is proposed, where a specially tailored plasma density structure is utilized to function as a "photon decelerator" (a nonlinear optical frequency converter) to efficiently convert a near-infrared laser with a wavelength of 0.8-1 μm to a relativistic near-single-cycle infrared pulse with tunable wavelength in the range of 5-14 μm. The referees of Nature Photonic highly appreciated the novelty and feasibility of this idea and expect it to be verified soon in future experiments. This new single cycle infrared source will definitely fill the long-standing gap in intense ultra-short infrared lasers in the 5-14 μm range, opening up new opportunities for relativistic infrared nonlinear optics, and for its application in attosecond science, ultrafast chemistry, strong-field physics, and novel accelerators and light sources.

Since the 1980s, ultrafast femtosecond lasers and their applications have become an important research topic in many frontier research fields. In the past 20 years, two Nobel Prizes have been awarded to the work related to femtosecond lasers. In 1999, Professor Ahmed H. Zewail was awarded the Nobel Prize in Chemistry for his pioneer work in using ultrafast lasers to observe photochemical reactions

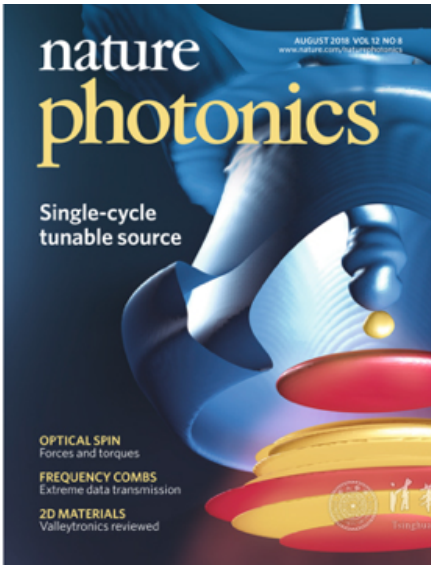


Figure 1 Intense single-cycle infrared pulses generation by "photon deceleration" in a plasma structure

with femtosecond time resolution. In 2005, the Nobel Prize in Physics was awarded to femtosecond laser "light comb" technology, which enabled many fantastic refined measurements of fundamental physical quantities.

With the rapid development of femtosecond laser technology, humans' capability to manipulate short time scales has stepped into the attosecond ($\sim 10^{-18}$ s) range, the time scale of electron quantum wave packets in atoms. In 2001, by manipulating the high-order harmonics photons generated through the interaction of a femtosecond laser with atoms, a deep ultraviolet pulse with an attosecond duration (650 attoseconds) was obtained for the first time, opening a new era of attosecond pulse generation and application. At present, the shortest attainable pulse duration (43 attoseconds) is still nearly twice as long as the unit time of natural atoms (24 attoseconds, the time it takes an electron to orbit the proton in a hydrogen atom), and the corresponding photon wavelength is in the soft X-ray band. How to obtain attosecond pulses shorter than 24as, and how to further decrease the wavelength of attosecond pulses to the hard X-ray band, are two critical challenges in the field of attosecond science.

However, due to the limitation imposed by high-harmonic generation, using existing near-infrared (0.8-3.9μm) femtosecond lasers has broken through this technical bottleneck. In principle, a longer wavelength (5-10 μm) in a near-single-cycle laser is needed to effectively achieve shorter attosecond pulses and shorter photon wavelengths. Theory and simulation show that a near-single-cycle laser of 9 μm wavelength can even produce pulses of less than a single attosecond. That is to say, it is possible to push the controllable time scale into the range of zeptoseconds ($\sim 10^{-21}$s). However, the traditional crystal-based nonlinear optics approach has encountered an insurmountable challenge in producing femtosecond near-single-cycle lasers with wavelengths longer than 5 μm. Due to the lack of broadband non-linear optical crystals, the wavelengths of near-single-single mid-infrared lasers have been limited to less than 4 μm for a long period of time. This limitation is also a bottleneck in the development of attosecond science towards shorter pulses and higher photon energy.

At the same time, the development of relativistically intense femtosecond laser technology and its applications have made great strides in the past decade, with one of its most promising applications as a laser wakefield accelerator with ultra-high acceleration capability. Large scale accelerators such as colliders

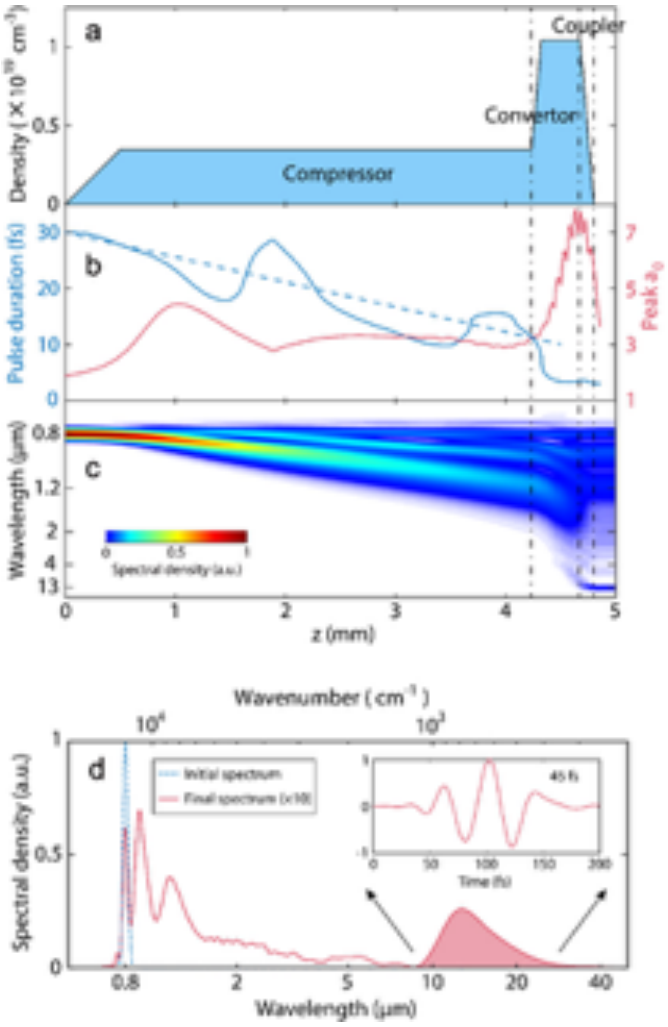


Figure 2 The "sandwich" plasma structure (a) and the generated intense single-cycle infrared pulse (central wavelength 12 μm) and its spectrum (d)

for particle physics and high brightness light sources are crucial research tools for modern scientific research, and they are typically complex, expensive and large (kilometer scale). Laser wakefield accelerators have the potential to reduce these large accelerators to an ordinary laboratory and even desktop scale due to their huge acceleration gradient, thousands of times higher than that of traditional accelerators. It is in general believed that the maturing of laser wakefield accelerators will bring revolutionary changes to the application of lasers and accelerators in industry, scientific research and medical fields.

Interestingly, in addition to a "charged particle accelerator", a laser wakefield is also a "photon decelerator" for the laser pulse. The drive laser loses its energy to produce wakes, while at the same time the frequency of the laser photons decreases (the wavelength increases), and its equivalent velocity (group velocity) in the plasma slows down ("photon deceleration"). From another perspective, this process is a nonlinear frequency conversion process of ultra-intense laser in plasma, an effect very similar to optical self-phase modulation in common crystals or gases. The key difference is that plasma is a highly flexible and customizable medium, and it can easily support ultra-intense light fields. Therefore, "photon deceleration" in a specially designed plasma structure has great potential in producing long-wavelength intense laser pulses. Finding a suitable structure to solve the longstanding challenge of generating near-single-cycle intense mid-infrared laser pulses with a wavelength longer than 5μm becomes a meaningful research area to explore. With this goal in mind, Professor Wei Lu and Associate Professor Chih-Hao Pai have advised PhD student Zan Nie to conduct in-depth analysis and large-scale particle-in-cell simulations in this field, and found a "sandwich" plasma structure that can satisfy the goal of efficiently generating intense near-single-cycle infrared pulses in the range of 5-14 μm (Fig. 2).

Professor Wei Lu and Associate Professor Chih-Hao Pai are the corresponding authors, and Zan Nie (PhD candidate of 2012) is the first author. This work was supported by the National Natural Science Foundation of China and the National Basic Research Program of China. The simulations were performed on Sunway TaihuLight.

Since 2011, Professor Wei Lu has been a full Professor in the Department of Engineering Physics of Tsinghua University, where he dedicated his energy to building a leading world team in laser plasma physics and advanced accelerator technology. He was awarded the first John Dawson Prize in the field of laser plasma acceleration in 2007, and the IUPAP (International Union of Pure and Applied Physics) Young Scientists Award in 2014.

The paper link:
https://www.nature.com/articles/s41566-018-0190-8
The cover link:
http://www.nature.com/nphoton/

Opening Ceremony for the University of Tokyo-Tsinghua University Joint Symposium 2018

The Opening Ceremony for the University of Tokyo-Tsinghua University Joint Symposium 2018 was held in the University of Tokyo on July 23. Xue Qikun, the Vice President of Tsinghua University, Makoto Gonokami, the President of the University of Tokyo, and Wan Wang, the Counselor of the Exchange Office of the Chinese Embassy in Japan, attended the ceremony and delivered speeches. Other distinguished guests also attending the ceremony were Gu Binglin, the former President of Tsinghua University, Xie Weihe, the Vice Chairperson of Tsinghua University Council, and other representatives from the two universities. More than 200 students and researchers from related fields attended the ceremony and the plenary session that followed.

In his address, Xue Qikun, the Vice President of Tsinghua University, noted that the ongoing cooperation with the University of Tokyo was of great importance to Tsinghua University. The e staff and students, and provide cross-cultural experience for students at various levels.

"The symposium that we are

launching today builds on the shared energy of these precious collaborations and our collective vision of our place in the future. It is a continuation of the tradition between our two universities. The workshops, seminars and lectures over the next few days are designed to unpack, explore, and debate key themes in our respective subjects," said Vice President Xue.

Makoto Gonokami, the President of the University of Tokyo, expressed his appreciation for the visit of the Tsinghua delegation on behalf of the University of Tokyo in his welcome address. He said that the two universities have kept a close relationship in the past years. The Memorandum of Understanding on strategic partnership signed between the two universities will further promote the collaboration between the two universities in more disciplines.

"Today the joint symposium is an important part of the strategic partnership project, and through this joint symposium, we would like to encourage full cooperation in joint research and further strengthen the ties between the two universities," said President Gonokami. He also said that the cooperation between the two universities would greatly contribute to the building of a better future society.

Wan Wang, the Counselor of the Exchange Office of the Chinese Embassy in Japan, congratulated on the opening of the joint symposium in her welcome address. She pointed out that it was of great significance for the two universities to establish a strategic partnership to address the global issues facing the world today.

"The cooperation will better enhance the mutual understanding and trust not only between the two universities but also between China and Japan, and contribute to the building of a community of shared future for mankind," she said.

After the opening ceremony, the Plenary Session was held. Four keynote speeches were presented at the plenary session, with the topics as follows: Industrialization in prewar Japan: Complementary roles of the government and private firms; the mystery of high temperature superconductors; De-carbonization and de-centralization of energy systems in the future; Energy conversion and storage technologies for developing sustainable society.

Xie Weihe, the Vice Chairperson of Tsinghua University Council and Dean of the Institute of Education, Tsinghua University, delivered a keynote speech entitled "Positioning and evaluation-the experience of the development of liberal arts at Tsinghua" in the humanities section of the joint symposium.

Before the opening ceremony, a memorandum of understanding on strategic partnership was signed between Tsinghua University and the University of Tokyo, with its main purpose as the promotion and furthering of academic links between the two universities. In addition, a memorandum on extension of memorandum on student exchange between the two universities was also signed.

The University of Tokyo-Tsinghua University Joint Symposium 2018, co-organized by the University of Tokyo and Tsinghua University, is a seven-day symposium, consisting of 11 workshops covering the following topics: Physics & Materials, Hydro-Science, Frontiers in Biological and Biomedical Engineering, Surface Science and Related Areas, Rethinking the East Asian History of Architecture, Humanities, Materials and Devices, Chemical Engineering for Future Energy and Materials, Industrial Academic, Environment and Energy, Public Safety and Media, and an UTokyo-Tsinghua Round Table on R+D Management.

Yang Bin visits Malaysia and Indonesia to promote Tsinghua University's Global Strategy

From August 13th to 15th 2018, Yang Bin, the Vice President and Provost of Tsinghua University, led a delegation to Malaysia and Indonesia to visit local universities, governmental departments, enterprises and foundations with the aim of exchanging views on cooperation in talent cultivation and education between China and Malaysia and Indonesia, and to explore practical and effective modes of cooperation to make a greater contribution to people-to-people exchange and the development of friendship between China and Malaysia and Indonesia. Yuan Wei, the Secretary-general of the Tsinghua University Education Foundation, and Meng Bo, the Deputy Director of the Office of International Cooperation and Exchange at Tsinghua University, also participated in the visit.

On August 13th, Vice President Yang and the delegation visited the University of Malaya and met with the Vice President, Kamila Binti Ghazali. Yang Bin said that the University of Malaya is the university with the longest history in Malaysia, as well as one of the most important members of the "Asian Universities Alliance (AUA)". He hoped that the two universities would continue to deepen their cooperation on its existing basis and cultivate talents for the development of the two countries and for China-Malaysia friendship in the future. Vice President Kamila said that the University of Malaya was willing to promote cooperation and exchanges with Tsinghua University and also continue to widen the opportunities for cooperation.

After the meeting, Vice President Yang and the delegation visited the Parliament of Malaysia and met with Teo Nie Ching, the Vice Minister of Education of Malaysia. Yang Bin introduced the goal of building a "Double First-Class" university, and the overall position of undertaking comprehensive reform and implementing Tsinghua's global strategy. He said that Tsinghua University attaches great importance to cooperation with the countries on the route of "One Belt One Road", and has also enhanced continuously its education-

al cooperation with Malaysia. Vice Minister Teo Nie Ching stated that Malaysia highly valued cooperation with Chinese universities and supported Tsinghua University for its practical cooperation with the relevant institutions of Malaysia in talent cultivation, education and research.

During the visit, Yang Bin also met with Teresa Kok Suh Sim, the former Minister of Industry of Malaysia, and visited the United in Diversity (UID) Public Welfare Foundation of Indonesia. In addition, he held talks with Mari Elka Pangestu, the former Minister of Trade of Indonesia, and Chairwoman of the United in Diversity (UID) Public Welfare Foundation of Indonesia, and Cherie Nursalim, co-founder and Vice Chairwoman of the foundation.

On August 15th, Yang Bin attended the orientation meeting in preparation for the "Tsinghua University Southeast Asia Center" and met with Minister Agus Widjojo, the Governor of the National Resilience Institute of Indonesia, Ainun Na'im, the Secretary General of Ministry of Research, Technology, and Higher Education of Indonesia and other governmental officials.

Tsinghua University team comes in second place at the "Solar Decathlon China 2018 (SDC2018)" Competition

On August 17, the Closing Ceremony of the "Solar Decathlon China 2018 (SDC2018)" Competition was held in Dezhou, Shandong province. "The WHAO House" designed by Tsinghua University team won the second place overall at the the "Solar Decathlon China 2018" and ranked top in comfort quality, home appliance, and electric vehicle contests, and second in presentation, engineering, and innovation contests. Yang Bin, the Vice President of Tsinghua University, Robert Dickson, the Senior Advisor of the Office of Inter-

national Affairs, U.S. Department of Energy, and Richard King, the founder of the U.S. Department of Energy Solar Decathlon, were among those attending the closing ceremony.

The Solar Decathlon is an international competition initiated by the U.S. Department of Energy in 2002. The Solar Decathlon's goals are to educate students and the public about the latest technologies and materials in energy-efficient design, clean energy technologies, smart home solutions, water conservation measures, electric vehicles and sustainable buildings and also demonstrate to the public the comfort and savings of homes that combine energy-efficient construction, design, and appliances with onsite renewable energy production. Since 2002, it has expanded to Europe, China, Latin America, Africa, and the Middle East area and become a competition with worldwide influence.

"Okazaki Kaheita and his Era" - Exhibition Co-organized by Tsinghua University and the ANA Group Opens in Tokyo

On July 24, 2018, the opening ceremony for the exhibition of "Okazaki Kaheita and his Era" was held at Haneda Airport, Tokyo. The Chinese Ambassador to Japan Cheng Yonghua, former President of Tsinghua University Gu Binglin, Japanese former speaker of the House of Representatives Yohei Kono, Japanese member of the House of Representatives Yuko Obuchi, Counselor of the ANA Group Yoji Ohashi, Chairman of the Board of the ANA Group Shinichiro Ito, Chairman of the Japan-China Friendship Association Uichiro Niwa, and other distinguished representatives were present at the opening ceremony.

In his address, Cheng Yonghua, the Chinese Ambassador to Japan, said that this year is the 40th Anniversary of the signing of the China-Japan Treaty of Peace and Friendship. With the joint efforts made by the two countries, the trend of Chinese-Japanese relations is continually improving. The two countries will gradually implement the contact and cooperation plans proposed at different levels for the grand commemoration of the 40th anniversary of the signing of China-Japan Treaty of Peace and Friendship in the years ahead. "As an important part of the 40th anniversary, it is believed that this exhibition will certainly make more people remember the significance and true essence of Chinese-Japanese peace and friendship, and advance Chinese-Japanese relations more actively."

Li Jinliang, the Dean of the Office of International Cooperation and Exchange, Tsinghua University, on behalf of Qiu Yong, the President of Tsinghua University, read the congratulatory letter at the opening ceremony. In his letter, President Qiu noted that "Love is the longitude and faith is the latitude" was the motto of Okazaki Kaheita and was praised highly by the Chinese former Premier Zhou Enlai. It remains treasured spiritual wealth in the 21st century.

"As an institution of higher education in China, Tsinghua University bears the historical mission of cultivating talented people who devote themselves to the great course of Asian development and human peace. Okazaki Kaheita has made great contributions to Chinese-Japanese

friendship and he will always be the model for us to learn from", said President Qiu. He also wished the exhibition great success.

Shinichiro Ito, the Chairman of the Board of the ANA Group, said that Okazaki Kaheita made various contributions to friendly exchange between China and Japan and indicated that the ANA Group would continue to contribute to cultural and people-to-people exchange between China and Japan.

Yohei Kono, Japanese former speaker of the House of Representatives, also recalled the contributions made by Okazaki Kaheita towards friendly contact between China and Japan.

Co-organized by Tsinghua University and the ANA Group, the exhibition is one of the significant events to commemorate the 40th anniversary of the signing of the China-Japan Treaty of Peace and Friendship and to mark the 120th anniversary of Okazaki Kaheita's birth. It is also the first exhibition to be co-organized by a Chinese university and a well-known Japanese corporation.

The exhibition will be held from July 24 to August 20, 2018 in the Discovery Museum, Terminal 2 of Haneda Airport, displaying in four sections the great efforts and achievements made by Okazaki Kaheita in promoting friendly relations between China and Japan. The exhibition will also be displayed in Tsinghua University this autumn.

Online Tuition Payment Option Made Available for Tsinghua 2018 Incoming International Students

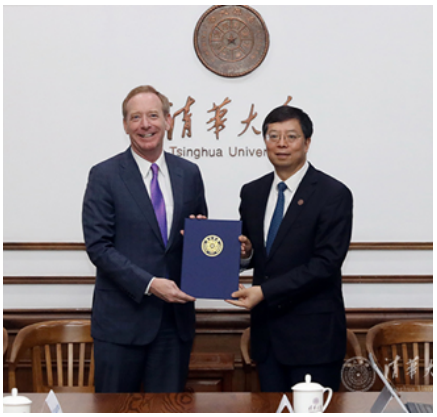
Tsinghua has long enjoyed the reputation as a supremely competitive university that attracts and nurtures the finest students. With its fast climbing world academic ranking, now the university has attracted more outstanding international students around the globe. In line with its increased role in world's higher education, Tsinghua is actively working on its campus internationalization.

Since the launching of Tsinghua's first Global Strategy in 2016, the University has implemented comprehensive reforms on all areas, including the "2020 Initiatives" project aiming to further improve learning and campus life experiences of all students. The University's management and service process is streamlined. Key areas such as medical services, on-campus accommodation, fitness centers, catering services, student financial services are undergoing major improvements with tangible goals established.

As one of many improvements

planned in “2020 Initiatives”, 2018 incoming international students now have the option to use online international payment system. This system provides international students and their families a safe, cost effective, and convenient method of making payment to Tsinghua University on tuition fees.
(From the Office of International Education)

Qiu Yong meets the President of Microsoft Brad Smith



The two had an in-depth exchange of views on cooperation in many fields including Global Innovation Exchange (GIX). On the same day, Mr. Brad Smith was named as a Distinguished Visiting Professor of Tsinghua University.

On July 9, Mr. Brad Smith, President of Microsoft, visited Tsinghua University during his visit to China. Qiu Yong, President of Tsinghua University, Brad Smith and his delegation held talks in the Gongziting, and had an in-depth exchange of views on cooperation between GIX, Tsinghua University and Microsoft’s Joint Research Centre for Innovation and Intellectual Property. Brad Smith was named as a Distinguished Visiting Professor of Tsinghua University on the same day. Yang Bin, Vice President of Tsinghua University, attended the meeting.

Brad Smith is Microsoft’s president and has visited Tsinghua University twice before. At the ceremony, President Qiu Yong conferred the honor to him. “Tsinghua University is one of the top universities in China and a world-famous institution of higher education,” said Brad Smith. “I feel honored to be a distinguished visiting professor of Tsinghua University and I look forward to continuing our work together in the future.”

In the subsequent talks, Qiu Yong, on behalf of Tsinghua University, welcomed Brad Smith and thanked him for his support of cooperation between Tsinghua University and Microsoft. Qiu Yong said, in recent years, our cooperation in several fields including GIX and Tsinghua University and Microsoft’s Joint Research Centre for Innovation and

Intellectual Property had scored great achievements. Qiu Yong pointed out that GIX was the fruit of this cooperation and the first physical overseas presence of Chinese university. He also said that Tsinghua would devote more effort to promote the development of GIX.

"Microsoft considers the many ways that we cooperate with Tsinghua University to be very important. GIX is a great example of how partnership between Microsoft and Tsinghua University is having a positive impact in the world," said Mr. Smith. "Microsoft is committed to continuing to support and advocate the partnership model and development of GIX to help more talented people with global vision and innovative spirit to tackle the common challenges facing humanity."

During the talks, Qiu Yong and Brad Smith also held in-depth discussions in areas such as how to design more collaborative curricula in GIX between universities, how to make more learning and research resources available to GIX students, and how to seek more partners in the future.

The meeting was attended by Gao Hong, Vice Provost of Tsinghua University, Li Jinliang, Dean of the Office for International Cooperation and Exchange, Shi Yuanchun, Dean of THU GIX. Also present were Shen Weixing, Dean of the School of Law, Wan Qiang, Director of THU GIX North America, Meng Bo, Associate Dean of the Office for International Cooperation and Exchange, and Cui Guobin, Associate Dean of the School of Law.

Tsinghua Signs Joint Agreement with National Institute Biological Sciences, Beijing

The Joint Agreement Signing Ceremony between Tsinghua University and the National Institute of Biological Sciences, Beijing (NIBS, Beijing) was held in Tsinghua on July 8, 2018. The Vice Mayor of the People's Government of Beijing Municipality and Director of the Trustee Board of NIBS, Beijing Yin Hejun, the President of Tsinghua University and Deputy Director of the Trustee Board of NIBS, Beijing Qiu Yong, and the Director of NIBS, Beijing Wang Xiaodong, attended the ceremony and delivered speeches. Other distinguished guests attending the ceremony were the Vice Presidents of Tsinghua University Yang Bin, You

Zheng, Wang Xiqin, Zheng Li and other representatives from Tsinghua University and the National Institute of Biological Sciences, Beijing. Tsinghua University Council Chairperson Chen Xu presided over the ceremony.

"The agreement aims to carry out all-round cooperation between Tsinghua University and National Institute Biological Sciences, Beijing in talent cultivation, research outcomes transformation, institutional mechanism innovation, and international exchange and cooperation," said Yin Hejun.

The President of Tsinghua University Qiu Yong noted that Tsinghua has close ties with the National Institute Biological Sciences, Beijing in academic research and talent cultivation for a long time. The Tsinghua Institute of Multidisciplinary Biomedical Research jointly established by Tsinghua and NIBS, Beijing is of great significance for the development of related disciplines like Life Sciences, Medicine, and Pharmacy. It will also contribute to the achievement of Tsinghua's goal to build a world-class university.

Wang Xiaodong, the Director of NIBS, Beijing introduced the development and achievements made by NIBS, Beijing in recent years, and congratulated on the signing of the joint agreement in his speech.

In her speech, Tsinghua University Council Chairperson Chen Xu said, Tsinghua University and NIBS, Beijing will strive to build a world leading center for life sciences research and technological innovation under the agreement, cultivating world-class outstanding talents in life sciences and resulting in world-leading research outcomes. "It will also make contributions to build a world influential technological innovation center and make China a world science and technology power," she said.

Founded in December 2005 as part of a strategic government initiative, the National Institute of Biological Sciences, Beijing (NIBS, Beijing) has now attracted more than 500 scientists working on a variety of life science-related areas. The goal is to conduct original research aiming at understanding the fundamental mechanism of life and educating future generations of life scientists.

Commencement Ceremony for Undergraduate Students

The commencement ceremony for undergraduate students was held in Tsinghua on July 8, 2018. More than 3,000 undergraduates attended the ceremony. Of the undergraduates, 3,555 received bachelor's degrees and 670 received a second bachelor's degree. The President and Chairman of the Degree Conferral Committee of Tsinghua University, Qiu Yong, Tsinghua University Council Chairperson Chen Xu, and other university leaders, attended the ceremony and awarded degrees and certificates to the new undergraduates. The Vice President and Vice Chairman of the Degree Conferral Committee of Tsinghua University Yang Bin presided

Commencement Ceremony for Postgraduate Students

The commencement ceremony for postgraduate students was held in Tsinghua on July 7, 2018. Of the postgraduates, 2,259 received doctoral degrees and 5,401 received master's degrees. The President and Chairman of the Degree Conferral Committee of Tsinghua University, Qiu Yong, delivered the commencement speech. Tsinghua University Council Chairman Chen Xu, and other university leaders, awarded degrees and certificates to the new postgraduates. The Vice President and Vice Chairman of the Degree Conferral Committee of Tsinghua University Yang Bin presided over the ceremony. The Vice President of the KTH Royal Institute of Technology Stefan Ostlund attended the ceremony.

In his speech, President Qiu congratulated the graduates on behalf of the University. He noted that over 400 international graduate students from more than 70 countries around the world attended the ceremony. The "open" Tsinghua has attracted more and more international students and scholars, and has also allowed more and more teachers and students

over the ceremony.

President Qiu Yong congratulated the graduates in his speech. "I'm very happy that all of you have become better yourselves through your four years of study in Tsinghua. I believe that your future life will be filled with more miracles and wonders, and I hope everyone will achieve a valuable life in the future," he said. Qiu Yong encouraged the graduates to seek meaning through a deep understanding of themselves, to follow their hearts, and to constantly renew their understanding of themselves through thought and practice. He also hoped that the graduates would always have a strong sense of responsibility, combine their personal development with the advancement of human civilization, and achieve a greater meaning to their lives in a wider world.

Qiu Yong added that mankind's pursuit of meaning will never cease and the pursuit of meaning is the value of mankind itself. "I hope that no matter where you are, whether the situation is good or bad, you will never give up your pursuit of meaning. I hope you will stick to your inner values and devote yourselves to the cause you love. Meaning is a lifetime pursuit." President Qiu said.

from Tsinghua to go abroad. Openness and inclusiveness are important traditions of Tsinghua University. The Tsinghua-Berkeley Shenzhen Institute (TBSI), the Global Innovation eXchange institute in Seattle, Schwarzman Scholars, the China-Italy Design Innovation Hub in Milan, the World Peace Forum, the Belt and Road Davos Forum, the Asian Universities Alliance, and a series of other successful international cooperation projects have demonstrated the solid pace of Tsinghua's global strategy. Tsinghua is moving towards the world in a more open and confident manner, with its voices heard more frequently around the world.

Qiu Yong also pointed out that in an era of globalization, it has become a mainstream impulse to become more open in the development of higher education. The ties between universities are increasingly close. Universities are playing a more and more important role in promoting exchanges between different countries, different nationalities and different cultures. "You are at an important historical moment in the development of human civilization. You are about to face a more open era. You should try your best to keep pace with the times and lighten your life with an open spirit," Qiu Yong said. He raised several hopes for graduates: to keep pace with the open era, you must have the courage to innovate; learn to respect different voices; and follow your inner values.