WAYS 世界青年科学家联合会 World Association of Young Scientists

WORLD ASSOCIATION OF YOUNG SCIENTISTS NEWSLETTER

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01 Converging the World's Talents

The 13th Haigui Forum Overseas Promotion Conference and the "AI+" Academic Frontiers and Applications Symposium Successfully Held

On June 30, the 13th Haigui (Overseas Returnees) Forum Overseas Promotion Conference and the "AI+" Academic Frontiers and Applications Symposium was held in Amsterdam, the Netherlands. Co-hosted by the Haigui Forum Organizing Committee and the China-Europe Green Technology Industry Alliance, and co-organized with the support of overseas student societies from the Netherlands, Finland, Italy, Malaysia and other countries, the event was supported by the World Association of Young Scientists (WAYS) and the Ministry of Education's Chunhui Innovation and Entrepreneurship Platform. Combining online and offline formats, it attracted over 1,000 young scholars, overseas students and innovation and entrepreneurship talents from home and abroad.

The conference featured exchanges on"AI+"academic frontiers, industrial applications, talent return and international cooperation, introducing the functions of the 13th Haigui Forum platform, Hunan's key industries and talent policies, and the arrangements of the Chunhui Innovation and Entrepreneurship Platform. Young scholars from artificial intelligence, computational physics, biomedicine, neuroscience, intelligent manufacturing, health economics and other fields discussed the impact of AI on research paradigms, paths for interdisciplinary integration, challenges in technology implementation, and the development of overseas talents returning to China.

The event built a platform for exchanges and cooperation between Chinese and foreign young S&T talents, helped overseas scholars gain a deeper understanding of domestic policies and industrial development opportunities, and provided support for promoting international exchanges and collaborative talent cooperation in the "AI+" field.



Building an International Collaboration Platform and a New Paradigm for Seismic Protection of Cultural Heritage — Symposium on Global Governance of Earthquake Disasters to Cultural Heritage Concludes in Beijing

To pool global wisdom and explore more forward-looking, systematic and inclusive solutions for the governance of earthquake disasters to world cultural heritage, the Working Group Meeting on International Standards for Seismic Protection of Cultural Heritage and the Symposium on Global Governance of Earthquake Disasters to Cultural Heritage was held in Beijing from July 1 to 3, with the support and guidance of WAYS. The meeting brought together nearly 70 expert representatives from more than ten countries including China, the United States, the United Kingdom, Greece, Italy and New Zealand, marking a new stage of international exchange and collaborative governance in seismic disaster reduction for cultural heritage.



The symposium was co-hosted by China Aviation Planning and Design Institute (Group) Co., Ltd., Hefei University of Technology and Xi'an University of Architecture and Technology, and organized by the National Cultural Heritage Administration Key Research Base for Seismic Protection of Cultural Heritage, Beijing Jiaotong University, Tongji University, the Industrial Heritage Branch of the Chinese Society of Aeronautics and Astronautics and other institutions, establishing an international platform for exchange and collaborative governance in seismic protection of cultural heritage.

During the symposium, the WAYS Professional Committee on Global Governance of Earthquake Disasters to Cultural Heritage, initiated by the Aviation Planning and Design Institute, was officially established. The committee will bring together experts and scholars in seismic protection of cultural heritage, global governance and international relations, promote interdisciplinary and cross-field exchanges and cooperation, and further improve the regular global collaboration mechanism for seismic protection of cultural heritage.

Experts from universities, research institutions and the cultural heritage protection community at home and abroad gave presentations on seismic protection of cultural heritage, international standard development and global governance practices, and held in-depth exchanges on technological innovation in seismic disaster reduction, coordination of international standards and the cultivation of young S&T talents, jointly exploring new paths for international cooperation in cultural heritage protection.

The 18th Suzhou International Elite Entrepreneurship Week Opening Ceremony and the 3rd Suzhou International S&T Innovation Conference Successfully Open

July 10 this year marked the seventh "Suzhou Scientists' Day". The opening ceremony of the 18th Suzhou International Elite Entrepreneurship Week and the 3rd Suzhou International S&T Innovation Conference was held at the Suzhou International Expo Center. WAYS was invited to the event and presented certificates to "Suzhou Young Scientists".

Themed "Gathering Global Wisdom, Building a Paradise for Entrepreneurship", the event focused on pooling innovation resources and talent exchanges and cooperation, integrating multiple functions such as project attraction, industry-talent matching, city promotion and cultural experience, attracting over 1,200 talents from home and abroad to gather in Suzhou and discuss innovation, entrepreneurship and creation.



During the event, the launch ceremony was held for the construction of Suzhou's key pivot of the Shanghai (Yangtze River Delta) International Science and Technology Innovation Center. Documents were released including the "Several Measures of Suzhou on Promoting Shanghai-Suzhou Talent Collaborative Development and Integrating into the Construction of the Shanghai (Yangtze River Delta) International Science and Technology Innovation Center", the"Action Plan for the In-Depth Integration of Sci-Tech and Industrial Innovation in Suzhou" , and the "Implementation Opinions of Suzhou on Accelerating the Cultivation and Expansion of "10+10" Key Industries" . Fifteen major innovation teams of Suzhou were awarded plaques, and ten "Suzhou Young Scientists " received certificates.

The "Top 10 Industrial S&T Achievements of Suzhou 2026", the "Internship in Suzhou" program and the global postdoctoral recruitment program were released simultaneously. Awards were presented to winning projects of the "Win in Suzhou · Win the Future" 2026 Global Entrepreneurship Competition Grand Finals, and certificates were granted to the nation's "Overseas-Returnee Startup Enterprises with the Greatest Growth Potential" .

The 2nd Yangtze River Delta Deep-Sea S&T Innovation Development Conference Held in Changshu

On July 10,the Changshu sub-venue event of the 2026 (18th) Suzhou International Elite Entrepreneurship Week and the 2nd Yangtze River Delta Deep-Sea S&T Innovation Development Conference were held in Changshu,Jiangsu Province. Nearly 200 representatives from government departments, universities, research institutions, leading enterprises, investment and financing institutions and high-level talent teams attended, exchanging views on deep-sea S&T innovation, achievement transformation and coordinated industrial development. WAYS was invited to the event, unveiled the Young Scientists (Changshu) Future Community, and jointly launched the action for high-quality development of the deep-sea technology industry.



As an important part of the Suzhou International Elite Entrepreneurship Week, the event centered on empowering industry with talent and driving development through S&T innovation. It showcased Changshu's deep-sea technology industrial base, innovation resources and talent development environment, released the "Changshu Action Plan for High-Quality Development of the Deep-Sea Technology Industry (2026–2028)", and launched the action for high-quality development of the deep-sea technology industry.

At the event, construction was launched for platforms including the provincial manufacturing innovation center and the high-end marine engineering equipment innovation consortium, while innovation platforms such as the deep-sea technology testing public service platform, the Young Scientists (Changshu) Future Community and the Joint Research Institute of High-End Marine Intelligent Equipment were released collectively. In addition, the conference released the "unveiling the list and taking command"technology demand list in the deep-sea technology field, the"Evergreen Chain"support program and the OPC innovation and entrepreneurship community list, further promoting the agglomeration of technology, talent, industry and capital resources.

"Digital Intelligence Sharing · Cultural Integration" — the 2026 World Internet Conference Open Day Fair Successfully Held



From July 14 to 15, the 2026 World Internet Conference Open Day Fair was held at the Asia Financial Center in Beijing. Themed "Digital Intelligence Sharing·Cultural Integration", the fair brought together more than 80 organizations from 16 countries and regions. Through digital technology exhibitions,international cultural exchanges and digital innovation experiences, it showcased achievements in digital technology innovation and the charm of diverse civilizations, providing an open platform for the public to closely perceive digital development and experience technological innovation.

WAYS was invited to exhibit with a booth for international organizations. Presenting its global membership network, international cooperation mechanisms and flagship programs, the booth received visiting guests, young talents and representatives of relevant institutions from various fields, deepening their understanding of the building of an international platform for youth S&T exchanges.



The 27th China Overseas Students (Dalian) Entrepreneurship Week Talent Exchange Fair Opens

On July 16, the 27th China Overseas Students (Dalian) Entrepreneurship Week Talent Exchange Fair opened in Dalian, Liaoning Province. Leaders including Feng Shenhong, Deputy Secretary of the Leading Party Members Group and Vice President of the China Association for Science and Technology (CAST), attended the event, and keynote speeches were delivered by Gao Xiang, academician of the Chinese Academy of Engineering and President of Dalian University of Technology, among others. WAYS was invited to the event and co-released the "Initiative of Chinese Young S&T Talents for Promoting Belt and Road Innovation Cooperation".

Themed "Embracing Global Talent, Wisdom Leading the Future", this year's Entrepreneurship Week focused on overseas students' entrepreneurship and employment, transformation of S&T achievements and the layout of future tracks, linking global innovation resources and introducing high-quality talent projects to boost the city's industrial development. More than 800 representatives from enterprises, universities, research institutions and investment and financing institutions at home and abroad, as well as young talents, participated in the event.

At the opening ceremony, launch events were held for the CAST Northeast Base (Dalian) for the Cultivation and Training of Young S&T Talents together with the first CAST Dalian training program for young S&T talents, the "Puying InHub S&T Innovation Community", and the Yinggeshi Fund Town S&T Innovation Ecosystem Alliance. The "Initiative of Chinese Young S&T Talents for Promoting Belt and Road Innovation Cooperation" was released, and related cooperation projects were signed.



The 2026 World Internet Conference Digital Silk Road Development Forum Opens

Pooling intelligence on the Silk Road, embarking on a digital future. On July 22, the 2026 World Internet Conference Digital Silk Road Development Forum opened in Xi'an, Shaanxi Province. Themed"Pooling intelligence on the Silk Road, Embarking on a Digital Future— Jointly Building a Community with a Shared Future in Cyberspace"the forum was hosted by the World Internet Conference and organized by the People's Government of Shaanxi Province, with WAYS invited to attend.

The forum's agenda kept pace with the times, focusing on the deep integration of artificial intelligence and the real economy, collaborative innovation in industrial ecosystems, and inclusive sharing of development achievements. Guests from 52 countries and regions and 7 international organizations discussed the innovative development of digital intelligence technologies, digital infrastructure connectivity, and exchanges and mutual learning among digital civilizations. Young scientists including Wang Xingxing, founder and CEO of Unitree Robotics, attended the opening ceremony and spoke.



The forum held thematic forums and supporting activities on Silk Road e-commerce cooperation, collaborative innovation of intelligent agents, protection and inheritance of cultural heritage in the digital age, and digital intelligent health, further promoting cooperation in digital technology innovation and the building of the Digital Silk Road. It also featured a ministerial meeting, a salon themed "Digitalization of Cultural Heritage—Copyright Empowerment", study programs and other supporting activities, and released the "World Internet Conference Cultural Heritage Digitalization Case Collection (2026)", offering more referential experience for the development of digital trade and the digital protection of cultural heritage in Belt and Road partner countries.

As the starting point of the ancient Silk Road, Shaanxi has in recent years vigorously advanced the building of Digital Shaanxi. New computing infrastructure such as the National Supercomputing Xi'an Center and the Future AI Computing Center operates efficiently, core digital economy industries are booming, and the China-Europe Railway Express (Xi'an) assembly center continues to unleash opening-up momentum.

The Optoelectronic New Materials Symposium Held in Beijing

On July 22, the Optoelectronic New Materials Symposium—a small-scale, high-end flagship exchange event—was held at the China Science and Technology Hall in Beijing. Supported by CAST, the event was hosted by WAYS and co-organized by the Young Scientists Industry-Academia-Research Innovation Consortium of the China Science and Technology Development Foundation and the Chinese Materials Research Society.More than 20 experts, scholars and industry representatives from universities, research institutes, enterprises and investment institutions participated.



Addressing the needs of AI computing power upgrading and the independent, controllable development of the optoelectronic information industry, the symposium focused on exchanges in optoelectronic new materials technology development, achievement transformation and industrial applications, promoting the effective connection of the innovation, industry, capital and talent chains. Participating experts held in-depth discussions on heterogeneous integration processes, competition among new material technology routes, the industry-academia transformation gap and interdisciplinary talent cultivation, jointly exploring key issues facing fundamental research, pilot-scale validation and industrial application of optoelectronic new materials.

The 15th "Overseas Talents Beijing Tour" European Talent Special Event Held in Beijing

On July 29, the 15th "Overseas Talents Beijing Tour" European Talent Special Event was held at the Beijing (Wangjing) Overseas Students Pioneer Park. Co-hosted by WAYS together with the Beijing Overseas Talent Center, the Talent Work Bureau of Chaoyang District and the Administrative Committee of Chaoyang Park, Zhongguancun Science Park, the event brought together 32 overseas PhDs and postdocs in AI from renowned European universities — including Ömer Sahin Ganiyusufoglu, academician of the German National Academy of Science and Engineering (acatech); Tao Yang, academician of the Norwegian Academy of Science and Letters and the Norwegian Academy of Technological Sciences; Bernd Sachweh, former Vice President of BASF Europe; and Yan Jiang, President of the Northern Industry High-Tech Innovation Research Institute—as well as more than 40 representatives from universities, research institutes and enterprises, holding interdisciplinary and cross-industry discussions on AI-empowered high-end manufacturing.



During the event, WAYS presented its programs on organizational development and international talent cooperation, and participated in the building of the China-EU Consortium for Excellence Engineer Cultivation, supporting the international cultivation of talents in industrial AI, intelligent connected vehicles, high-end intelligent manufacturing and medical device digitalization. The roundtable session focused on China-EU industrial AI cooperation and the expansion of China's industrial AI to Europe, with exchanges on technological innovation and industrial cooperation. At the end of the event, 17 universities, research institutes and technology companies held one-on-one matchmaking sessions with the European PhD delegation, further advancing talent, technology and project cooperation.

Joining Forces in Health Communication, Co-creating Ecological Value

From August 14 to 16, the 2nd Health Communication Ecosystem Co-creation Conference and the "Glimmer of Life" Special Tribute for the Chinese Physicians' Day was held in Xiong'an New Area. Organized by the Xiong'an Future Health Communication Center and other institutions, the event brought together nearly 700 professionals from medical institutions and societies across the country. Heads and experts of the WAYS Global Student Development Working Committee and the Medicine-Engineering Integration Committee were invited to deliver reports and joined the conference's health communication ecosystem co-creation partnership.



Centered on building the health communication ecosystem, the conference featured three major sections— the main forum, the special tribute for the Chinese Physicians' Day, and the "Healthy China Science Popularization Influencers Xiong'an Tour" public-benefit activity — along with themed salons, closed-door industry meetings, parallel forums and other special events. During the event, Zhong Nanshan, recipient of the "Medal of the Republic", sent a congratulatory letter, and academicians and experts including Zhang Boli, Master of Traditional Chinese Medicine, and Zhan Qimin, President of the International Cancer Institute of Peking University, attended and delivered keynote presentations.

In May this year, WAYS signed a cooperation agreement with the Administrative Committee of Xiong'an New Area, carrying out practical cooperation on jointly holding overseas talent recruitment events, co-building achievement transformation bases and establishing a regular talent matchmaking mechanism, supporting Xiong'an in building an innovation hub for the new era and promoting high-quality development.

The 11th "Petrel Gathering Action Program" Officially Launched

On August 18, the 11th "Petrel Gathering Action Program" under the theme "Overseas Chinese Gather in Zhejiang, Wisdom Creates the Future" commenced, together with the Overseas PhDs Jinhua Tour. Hosted by the Zhejiang Federation of Returned Overseas Chinese and other organizations, organized by the United Front Work Department of the CPC Jinhua Municipal Committee and others, and co-organized by the China-Europe Green Technology Industry Alliance with support from WAYS, the event attracted 60 overseas young talents from 15 countries and regions and more than 100 participants in total.



The program focused on exchanges and matchmaking of overseas young talents, transformation of research achievements, and empowering Zhejiang's industrial development through S&T innovation. Young talents in artificial intelligence, biomedicine, new energy and other fields held seminars on technology implementation and collaborative industry-academia-research innovation. The Overseas PhDs Jinhua Tour organized field visits to innovation platforms, industrial parks and leading enterprises, promoting precise matching between high-level overseas talents and local industries and laying a foundation for achievement transformation.

Going forward, the program will continue to strengthen liaison and matchmaking with overseas talents, broaden exchange channels for young talents at home and abroad, improve full-cycle services for overseas Chinese talents, and attract more overseas Chinese talents to innovate and start businesses in Zhejiang, pooling the wisdom and strength of the overseas Chinese community for Zhejiang's S&T innovation and the high-quality building of the common prosperity demonstration zone.

WAYS Supported the 2026 World Robot Conference as a Supporting Organization

The 2026 World Robot Conference was held in Beijing from August 19 to 23. Themed "Human-Robot Coexistence and Industry-Demand Integration", the conference showcased cutting-edge achievements in humanoid robots and embodied intelligence. WAYS served as a supporting organization of the conference.



The conference held 7 main forums and 71 concurrent thematic events, bringing together over 1,000 experts from home and abroad and releasing 44 new technologies and solutions, attracting hundreds of thousands of visitors and presenting fruitful results in robot technology iteration, application implementation and industrial ecosystem building from multiple dimensions. It also released outcomes including the "Initiative for the Upward and Benevolent Development of Intelligent Robots", the "Top 10 Robot Innovation Achievements of Central State-Owned Enterprises" and "Top 10 High-Value Application Scenarios", the "Application Demands of Embodied Intelligence in Emergency Scenarios", the "Global Robot Application Exploration Program", and the "2026 Humanoid Robot Industry Development Report".

As an important international supporting institution of the conference, WAYS mobilized young scientists from many countries to participate in forum discussions and technology matchmaking, contributing youthful wisdom on robot technology innovation, ethical governance and other topics, and building a bridge of communication between young research forces and the industry.

The 11th "Colorful World" Cultural Exhibition and Exchange Event Opens

On September 9, the 11th "Colorful World" Cultural Exhibition and Exchange Event opened at Shougang Park. As the section with the richest international elements of the culture and tourism exhibition of the 2026 China International Fair for Trade in Services (CIFTIS), the event was themed "One Stage for All, Boundless ‘Brilliance'", with embassies in China and international organizations from nearly 30 countries in Asia, Africa, Europe, North America and other regions taking part. Chinese and foreign guests gathered at Shougang Park for this grand event of mutual learning among civilizations and cultural integration.









The event was hosted by the Information Office of the People's Government of Beijing Municipality and organized by CMG International Online (CRI Online) and Capital Culture and Technology Group Co., Ltd. Attending by invitation were representatives of foreign embassies in China, including Mohammad Zakaria Rabbabedi, Chargé d'Affaires of the Syrian Embassy; Ruvini Munidasa, Chargé d'Affaires of the Sri Lankan Embassy; Panayiotis Nicolaou, Deputy Chief of Mission of the Cypriot Embassy; Radouane Chaouqi, Deputy Chief of Mission of the Moroccan Embassy; Thu Soe Sandi Zo, Deputy Chief of Mission and Minister Counselor of the Myanmar Embassy; Nahom Behanu, Minister Counselor of the Ethiopian Embassy; and Pandisai Mayela, Minister Counselor of the Zimbabwean Embassy, as well as representatives of international organizations such as WAYS.

As an important part of CIFTIS 2026, this year's "Colorful World" event brought rich content through its three sections — "Brilliant Stage", "Brilliant Space" and "Brilliant Interaction". Here, Chinese and foreign song and dance performances took the stage in turn, global scenery was on concentrated display, and fun experiences and cross-sector salons continued one after another. Different civilizations met and resonated here, allowing visitors to experience the charm of the world's diverse cultures in one stop.

02 Youth Power, Beyond Border

Youth Parallel Side Event on AI Governance Held in Switzerland

On the morning of July 6, at the AI for Good Global Summit 2026 held at the headquarters of the International Telecommunication Union (ITU) in Geneva, Switzerland, the "Youth Parallel Side Event on AI Governance" was jointly hosted by WAYS and the Global Youth Development Alliance. A hundred AI experts, science and technology policy experts, young scientists and engineers from countries around the world attended the event.



Francis Gurry, former Director General of the World Intellectual Property Organization (WIPO) and Senior Advisor to the Global Youth Development Alliance (GYDA), delivered a keynote report, calling for bringing the "open-source spirit" into international governance—ensuring that key knowledge benefits all humanity while protecting innovators' rights, and avoiding the "fragmentation of innovation" caused by countries adopting overly protectionist positions on AI training data and algorithm patents.

Mactar Seck, Director of the Innovation and Technology Division of the United Nations Economic Commission for Africa; Christoph Stückelberger, President of the Globethics Foundation; Sandra Maximiano, President of the Portuguese National Communications Authority; and François Grey, Vice Dean of the Geneva School of Economics and Management of the University of Geneva—together with heads of relevant national institutions, university scholars, representatives of international organizations and industry practitioners from Europe, Africa and Asia—engaged in in-depth dialogue on "how to make scientific research better serve global digital public goods and multilateral governance".

The event released the "Global Youth Consensus on AI Governance", proposing that the future of AI should not be defined by a few, nor should its governance be dominated by a few countries. The global young scientific community stands ready to be "bridge builders", connecting technology and ethics, research and policy, the South and the North, the East and the West, contributing wisdom and action to a fair, inclusive and responsible AI governance order.

Starting from Exchanges, Mediated by Scenarios, Extending toward Cooperation — Observations on the Europe-America Young Talents Huai'an-Beijing Tour

The "Europe-America Young Talents Huai'an-Beijing Tour" organized by WAYS was held. Young scientists from European universities and innovation platforms carried out project roadshows, enterprise visits, policy exchanges and city tours in Huai'an and Beijing, focusing on green technology, artificial intelligence, digital trade and medical innovation, deepening mutual understanding through cross-cultural interaction and exploring possibilities of cooperation through face-to-face communication.



At the Huai'an stop, 11 high-quality technology projects with industrialization potential were showcased, covering strategic emerging industries such as artificial intelligence, biomedicine and new materials. Unlike conventional roadshows, the distinctive feature of this exchange was that, while the overseas PhDs shared cutting-edge research achievements in their respective fields, representatives of local Huai'an enterprises, investment institutions and industrial parks gave direct on-site feedback, engaging in pragmatic dialogue on technical feasibility, market fit and local resource matching.

The "Europe-America Young Talents Huai'an-Beijing Tour" not only provided international young project teams with a window onto China's industrial and innovation ecosystem, but also built a platform for the locality to connect with overseas young talents and industrial resources.

Symposium on Young Scientists and AI Governance Held at UNESCO Headquarters

On July 10, the Symposium on Young Scientists and AI Governance, jointly hosted by WAYS and the Global Youth Development Alliance, was held at the UNESCO Headquarters in Paris, France. Experts from UNESCO and relevant European academic institutions, together with young scientist representatives, held discussions on the leading role of youth within AI ethics frameworks, responsible innovation and pathways for synergy with the Sustainable Development Goals.

Ms. Mariagrazia Squicciarini, Chief Researcher of UNESCO's Natural Sciences Sector, systematically presented the global implementation progress of the "UNESCO Recommendation on the Ethics of Artificial Intelligence", emphasizing that young scientists are a key force in moving science and technology ethics from principles to practice, and calling for embedding ethics review deeply into the whole life cycle of AI technology R&D. In the dialogue session themed "AI Ethics · Youth Power", guests including François Taddei, UNESCO Chair in Learning Sciences, and Emmanuel Goffi, Professor at ESME Sudria in Paris, discussed how young scientists can play a leading role and how technology companies can practice responsible innovation. They agreed that young researchers are both creators of cutting-edge technologies and bearers of future governance norms, and should play a leading role in shaping and implementing AI ethics frameworks.



At the meeting, the "Action Initiative on Young Scientists and AI Ethics" was released, putting forward four core consensuses and five calls for action, including establishing a global network of young AI ethics scholars and bridging the global AI ethics capacity gap. WAYS and the Global Youth Development Alliance signed a "Memorandum of Cooperation", under which the two sides will deepen strategic collaboration in young S&T talent cultivation, international research cooperation and AI ethics governance.

Young Scientists Future Community Special Roadshow Held in Changshu

On July 10, the Young Scientists (Changshu) Future Community Special Roadshow of the "Smart Changshu · Co-creating the Future" Suzhou · Changshu National Innovation and Entrepreneurship Competition was held in Changshu, Jiangsu Province. Young research teams, industry experts, investment institutions and industrial platform representatives from across the country participated, exchanging views on the transformation of S&T achievements, industrial matching and innovation and entrepreneurship.

Organized by the WAYS Digital Intelligence Integration Committee, the event focused on key industries such as new energy, artificial intelligence, optoelectronic chips, new functional materials, intelligent equipment and smart transportation, arranging roadshows for 10 young scientists' innovation and entrepreneurship projects. Project teams presented their core technologies, application scenarios and industrialization paths, and held in-depth exchanges with investment institutions and industry experts.

During the event, the Changshu National University Science Park gave a special presentation on the park's innovation and entrepreneurship environment, talent policies and achievement transformation services. After on-site review, projects stood out including the optical communication security encryption chip, Zhidanyun, electrochemical sensors and detectors, the integrated solar-storage-charging machine, and the development and application of intelligent robot systems for water equipment. Multiple investment institutions and local enterprises held matchmaking sessions with project teams and formed preliminary cooperation intentions.



As one of the important activities in building the Young Scientists (Changshu) Future Community, this roadshow further built a platform for exchanges and cooperation among young scientists, local industries and innovation resources. Next, WAYS will continue to rely on the Young Scientists (Changshu) Future Community to carry out project roadshows, industrial matchmaking and other activities, promoting deeper integration of more young S&T talents and achievements with local industries.

Belt and Road Young S&T Talents Exchange Event Held in Dalian

On July 16, as one of the key events of the 27th China Overseas Students (Dalian) Entrepreneurship Week, the Belt and Road Young S&T Talents Exchange Event was successfully held. Focusing on international S&T cooperation, young talent development and the transformation of S&T achievements, the event featured keynote presentations, project roadshows and achievement releases, bringing together representatives of universities, research institutions, technology enterprises and young S&T talents at home and abroad to jointly explore new paths for Belt and Road S&T innovation cooperation.



WAYS was invited to deliver a keynote report entitled "New Models of Collaboration between Young Scientists and the International Research Ecosystem", sharing its practices and explorations in building an international youth S&T exchange platform, promoting transnational research cooperation and linking global innovation resources, covering trends in international research cooperation, international exchange mechanisms for young S&T talents and interdisciplinary collaborative innovation. WAYS also exchanged views with guests on young scientists' participation in international S&T cooperation and the building of an open innovation ecosystem.

The 2026 World Young Scientists Greater Bay Area Frontier Dialogue Series Held in Shenzhen and Hong Kong, China

From July 17 to 18, 2026, the 2026 World Young Scientists Greater Bay Area Frontier Dialogue Series was successfully held in Shenzhen and Hong Kong, China. Themed "Wisdom Converges in the Bay Area, Industry-Research Integration", the dialogue aimed to promote in-depth exchanges between top scientists at home and abroad and young S&T talents in frontier fields such as artificial intelligence, life and health, and aerospace, and to build long-term cooperation mechanisms, supporting the Guangdong-Hong Kong-Macao Greater Bay Area in building an S&T innovation center with global influence. More than 200 scientists and entrepreneurs from the Greater Bay Area and overseas participated and held in-depth exchanges.



Co-hosted by WAYS and the China Science and Technology Development Foundation, the event invited experts including Fan Daiming, President of the Chinese Anti-Cancer Association and academician of the Chinese Academy of Engineering; Zhang Jing'an, President of the China Science and Technology System Reform Research Society; Deng Yulin, academician of the International Academy of Astronautics; and Jiang Tianzi of the Institute of Automation,Chinese Academy of Sciences, Director of the Beijing Key Laboratory of Brain Networks and Brain-Computer Interfaces; Chen Zhihui, Vice President of the Malaysia University of Science and Technology; and Zhang Nan, Country Director of the United Nations Volunteers programme—experts from universities, research institutes and international organizations at home and abroad delivered thematic reports, interspersed with roundtable forums, achievement roadshows and other exchange sessions.



During the event, ceremonies were held for the unveiling of the WAYS Talent and Career Development Working Committee's entry into the Hetao Shenzhen Park, the inauguration of the Young Scientists International Governance Training Base, and the awarding of plaques to WAYS's new member organizations. Released items included the joint research program of universities in Guangdong, Hong Kong and Macao, the "Initiative on Future Education Innovation Cooperation in the Guangdong-Hong Kong-Macao Greater Bay Area", and the "Joint Initiative on AI Safety Protection in Greater Bay Area Education".

The event further consolidated the Greater Bay Area's position as a global hub for youth S&T innovation, injecting new momentum into Shenzhen-Hong Kong S&T collaboration, international academic cooperation and the growth of young talents.

The 13th Haigui Forum — Voices of Haigui Youth Event Held in Changsha

On July 23, the 13th Haigui Forum — Voices of Haigui Youth event was successfully held in Changsha, Hunan Province. Hosted by the Hunan Provincial Committee of the China Zhi Gong Party and the People's Government of Wangcheng District, with support from WAYS, the event brought together nearly 40 heads of Chinese student societies at renowned overseas universities and young representatives from 19 countries, exchanging views on youth talent exchanges, S&T innovation cooperation, achievement transformation, and innovation and entrepreneurship.



During the event, overseas youth visited innovation platforms including the Daze Lake Haigui Town Exhibition Center and R&D centers, learning on site about Hunan's innovation and entrepreneurship environment, industrial development layout and talent support policies, and experiencing at close range the vitality of the local innovation ecosystem and S&T industry.

Representatives of overseas students from the United States, the United Kingdom, Moscow, Finland, Spain, Belgium, Italy and Hungary shared their thoughts on international research cooperation, innovation resource linking and young talent development based on their overseas research and study experiences, exploring paths for overseas resources to empower the development of local specialty industries.

The 13th "WAYS+" Youth Academic Exchange Event Held in Wuxi

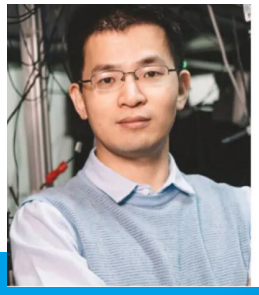
On July 24, the 13th "WAYS+" Youth Academic Exchange Event — the China-EU Young Scientists Innovation and Entrepreneurship Dialogue — was held in Wuxi, Jiangsu Province. Hosted by WAYS and organized by the Wuxi Association for Science and Technology and Wuxi Taihu University, the event brought together nearly 30 experts, scholars, young S&T talents and innovation and entrepreneurship representatives from China, France, the Netherlands and other countries.

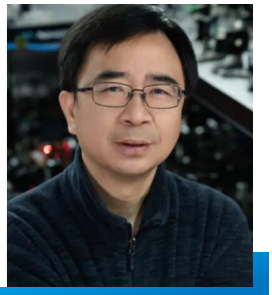


Themed "China-EU Young Talents Innovation and Entrepreneurship Dialogue", this salon focused on exchanges in the innovative development of international organizations, the cultivation of China-EU young talents, and cross-border innovation and entrepreneurship, promoting cross-disciplinary academic exchanges and international cooperation dialogues. Young Chinese and foreign representatives held in-depth discussions on establishing international talent cooperation mechanisms, fostering a youth innovation and entrepreneurship ecosystem, and the coordinated development of local industries and talents, jointly exploring how AI is reshaping the global governance landscape and the transformation opportunities for international organizations amid the digital wave.

03 WAYS People

Chao-Yang Lu and Others Win the 2026 IEEE Photonics Society Quantum Electronics Award





On July 11, the IEEE Photonics Society announced that Chao-Yang Lu and Jian-Wei Pan had won the 2026 IEEE Photonics Society Quantum Electronics Award "for pioneering work on single photon sources and optical quantum computing".

The award recognizes outstanding contributions in fundamental or applied quantum electronics, or both. In single photon sources, Chao-Yang Lu and Jian-Wei Pan systematically developed quantum-dot single photon source technology, achieving sources that simultaneously combine high purity, high indistinguishability and high efficiency, laying a key foundation for scalable photonic quantum information processing. In optical quantum computing, they successfully built Jiuzhang, a photonic quantum computing prototype with 76 photons,which for the first time reached the "quantum computational advantage" milestone in a photonic system. Their recently completed



Jiuzhang 4.0 manipulates more than 3,000 photons, performing Gaussian boson sampling tasks 10^54 times faster than El Capitan, currently the world's fastest supercomputer, establishing the world's strongest "quantum computational advantage". These achievements have not only made pioneering contributions to the development of large-scale photonic quantum computing, but also helped China secure a place in the first tier of international quantum computing.

This award to Chao-Yang Lu and Jian-Wei Pan marks the first time that research achievements made in China have been recognized by this award.

CGTN: Redefining cold: A Woman Who Gave China a Cryogenic Temperature Ruler

Gao Bo is Chair of the WAYS Women Scientists Working Committee, Professor-level Senior Engineer, Deputy Director of the Technical Institute of Physics and Chemistry of the Chinese Academy of Sciences (CAS), and Director of the State Key Laboratory of Cryogenic Science and Technology. She has long been engaged in cryogenic metrology research, leading projects under the National Science Fund for Distinguished Young Scholars, the National Key R&D Program, and the CAS Major Scientific Instrument Development Program. Addressing fundamental frontier challenges such as thermodynamic temperature measurement in the cryogenic region and international comparisons under the new International System of Units, she proposed a new principle of standard thermometry based on the refractive index of gases at constant pressure, and developed cryogenic thermodynamic temperature measurement devices and international comparison apparatus. Her measurement data were used to revise the current International Temperature Scale, advancing the development of international cryogenic thermometry. She serves as an invited expert of the Contact Thermometry Working Group of the Consultative Committee for Thermometry, Chair of the WAYS Women Scientists Committee, and council member of the Chinese Society for Measurement and of the Chinese Association of Refrigeration. Her honors include the "Major Contribution Award" of the Asian Thermophysical Properties Conference, international metrology awards conferred by IMEKO and the BIPM, the 17th China Young Science and Technology Award, and the Hu Gangfu Physics Prize of the Chinese Physical Society. She was selected as an Outstanding Young Woman Scientist by the Association of Academies and Societies of Sciences in Asia (AASSA) and into the national "Hundred, Thousand and Ten Thousand Talents Project", and was named a "National March 8th Red-Banner Pacesetter" and a CAS Annual Innovation Figure, among other honorary titles.



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