

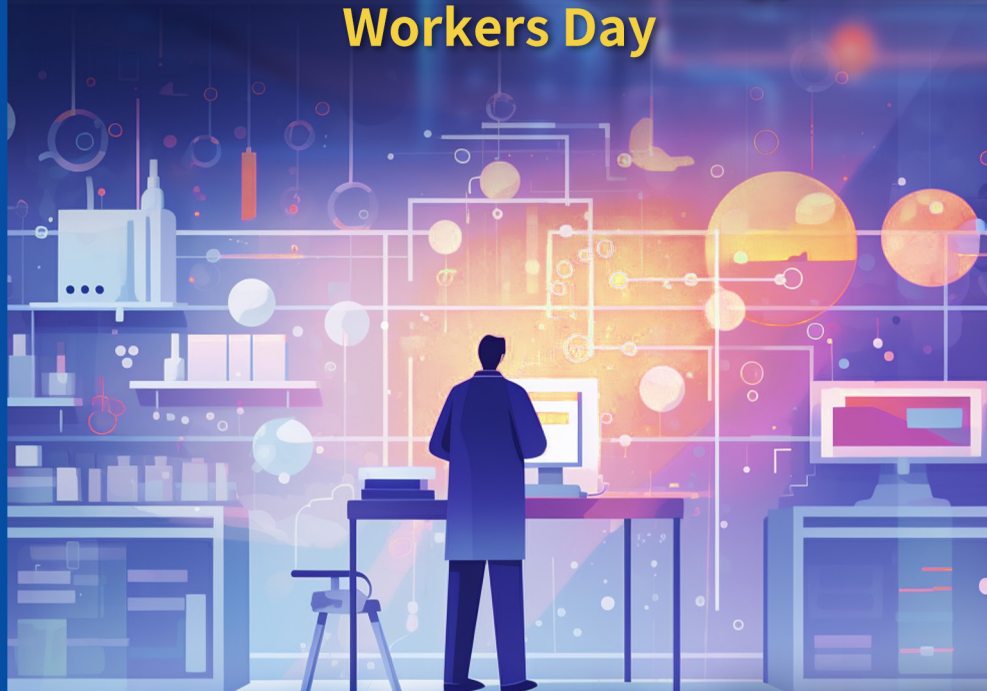


中国科学技术协会
China Association for Science and Technology

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CAST Newsletter

**Special Issue on 2023 National
Science and Technology
Workers Day**



CAST Celebrates 2023 National Science and
Technology Workers Day by Recognizing
Excellence in Innovation

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What is National Science and Technology Workers Day?

On May 30, 2016, the National Science, Technology and Innovation Conference, along with the general assemblies of both the Chinese Academy of Sciences (CAS) and the Chinese Academy of Engineering (CAE) during the 9th national congress of CAST was held in Beijing. During the conference, Chinese President Xi Jinping emphasized the importance of prioritizing scientific and technological innovation, a message that greatly inspired China's science community. To commemorate the occasion and respond to a call from many Chinese science and technology workers, China's State Council officially designated May 30 as National Science and Technology Workers Day.

CAST and China's Ministry of Science and Technology collaborate with relevant government departments to organize various activities every year to commemorate this special day. Since then, science and technology workers have enjoyed their own dedicated festivals in China. These developments testify to the Chinese government's deep commitment to science and technology and respect for those working in these areas.

(Source: Xinhua News Agency)

Logo of National Science and Technology Workers Day



Photo credit: Official WeChat account of CAST Today

The logo depicts two hands gesturing distinct figures. The five fingers of the left hand symbolize the number "5," while the right hand makes an "OK" gesture, with the three raised fingers signifying the number "3." The circle created by the left hand's thumb and index finger compose the number "0." When combined, these hand signs illustrate the number "530," which stands for the National Science

and Technology Workers Day.

The fingertips of both hands meet to form a shape resembling a “heart.” This visual metaphor serves as a reminder

for scientists to remain steadfast in their initial aspirations, to unify and work diligently, and to tirelessly pursue innovation. Moreover, it echoes CAST’s dedication to fully support science

and technology workers and its mission to build a nurturing “home” for them.

(Source: Official WeChat account of CAST Today)

Past celebrations of National Science and Technology Workers Day

• 2017 National Science and Technology Workers Day •



In 2017, celebrations for the inaugural National Science and Technology Workers Day took place in Beijing under the theme “loyalty, truth-seeking, integrity, and dedication.” The event also marked the first time the National Award for Excellence in Innovation was granted, which is selected by the China Association for Science and Technology (CAST).

Long March 5 carrier rocket research team honored with the first National Award for Excellence in Innovation in 2017
Photo credit: thepaper.cn

• 2018 National Science and Technology Workers Day •

In 2018, the second National Science and Technology Workers Day coincided with CAST’s 60th anniversary. To honor this milestone, CAST organized various events aiming to celebrate the spirit of Chinese scientists and build China into a world science and technology power. The celebrations featured a grand symposium concentrating a hundred distinguished scientists and a hundred grass-roots science and technology professionals, a lecture series to promote the spirit of notable scientists, and a concert exclusively dedicated to science and technology workers.

Symposium with a hundred scientists and a hundred grass-roots science and technology workers at the Great Hall of the People in Beijing
Photo credit: Xinhua News Agency



• 2019 National Science and Technology Workers Day •



In 2019, the third National Science and Technology Workers Day was themed “Praising the People’s Republic of China, Chasing the Dream in the New Era.” As part of the festivities, CAST launched a special science and technology volunteer campaign, leading to creation of the Chinese Science and Technology Volunteer Corps. The China Science and Technology Museum held an aerospace science popularization volunteer campaign the same day.

◀ Exhibition honoring renowned nuclear physicist Zhu Guangya at the China Science and Technology Museum in Beijing
Photo credit: Official WeChat account of KEXIE-GAIGEJINXINGSHI

• 2020 National Science and Technology Workers Day •

The 2020 event, the 4th National Science and Technology Workers Day, focused on the theme of using technology for the people. On May 29, President Xi Jinping wrote a reply letter to 25 distinguished scientists including Yuan Longping, Zhong Nanshan, and Ye Peijian to extend warm greetings to science and technology workers nationwide. The day also brought the launch of the “Innovation China” platform, a service designed for Chinese science and technology workers.

▶ The Second National Award for Excellence in Innovation is granted at the 4th National Science and Technology Workers Day
Photo credit: Official website of CAST



• 2021 National Science and Technology Workers Day •



In 2021, the 5th National Science and Technology Workers Day coincided with CAST's 10th National Congress. The congress asked all participants to be self-reliant on making innovation. CAST arranged a series of lectures to promote the spirit of scientists and received acknowledgments from distinguished scientists such as Yuan Longping, Tu Youyou, Sun Jiadong, Zhong Nanshan, Zhang Boli, the team behind China's Tianwen Mars probe, and the group that tested the core module flight control of the Tianhe spacecraft. Additionally, CAST launched a poster contest for National Science and Technology Workers Day and enjoyed enthusiastic participation nationwide.

◀ Video messages from distinguished Chinese scientists Zhong Nanshan and Zhang Boli
Photo credit: Official website of CAST

• 2022 National Science and Technology Workers Day •

The 6th National Science and Technology Workers Day focused on “Innovation, Self-Reliance, and Self-Improvement.” During the ceremony in Beijing, CAST unveiled the first group of Scientist Spirit Education Bases. It also outlined a collaborative initiative to foster comprehensive development of young scientific and technological talent. Furthermore, CAST established a hotline for psychological counseling services tailored to science and technology workers and invited representatives from different generations of science and technology workers to read *Recommendations on Cultivating Fine Academic Conduct*.



◀ Launch of the China Unicom Science and Technology Workers Day and Science and Technology Week
Photo credit: Official website of CAST

Grand Celebrations

CAST celebrates 2023 National Science and Technology Workers Day and recognizes excellence in innovation



Ceremony of the National Award for Excellence in Innovation
Photo credit: Official website of CAST

On May 30, 2023, grand celebrations for the 7th National Science and Technology Workers Day took place in Beijing under the theme “Igniting Your Spirit.” The prestigious National Award for Excellence in Innovation was also given alongside the festivities.

CAST President Wan Gang attended the event and

delivered an inspiring speech. He expressed hope for science and technology workers to deepen international exchange at a higher level. Emphasizing the importance of active participation in global sci-tech governance with an open mindset, he encouraged them to contribute China’s wisdom on the global stage. He further stressed the need for enhanced openness, trust, and cooperation among the international scientific and technological community to foster a consensus of values.

In recognition of remarkable contributions to frontier technologies, economics, national priorities, public health, and social services, CAST collaborated with three other departments including the Ministry of Human Resources and Social Security to present the 3rd National Award for Excellence in Innovation. Seven research teams including

the Marine Immersed Tunnel Construction Technology Innovation Team were honored with this prestigious award. Additionally, Professor Ma Dawei from the Chinese Academy of Sciences (CAS), along with 25 other scientists, was recognized as exemplary workers at provincial and ministerial levels. Moreover, Professor Ding Wenjiang from the Chinese Academy of Engineering (CAE) and 250 other scientists received certificates for professional excellence.

During the event, CAST, in conjunction with five departments, announced the selection of Science Spirit Education Bases for the year 2023. They also unveiled the final list of recipients of the 8th CAST Young Elite Scientist Sponsorship Program, which marked its largest scale in history. Also, a new platform called “Scientist Maker Space” was officially launched by CAST, the

Ministry of Education, and other departments. This platform aims to share authentic stories of scientists with young people. As part of its digital transformation, CAST introduced “Intelligent CAST,” a web portal and mobile app that offers content and services to organizations and professionals in the field of science and technology.

(Source: Official website of CAST)

147 units officially certified as Scientist Spirit Education Bases for 2023

At the May 30 celebratory event for 2023 National Science and Technology Workers Day, CAST, the Ministry of Education, the Ministry of Science and Technology, and several other departments jointly announced the names of the designated Science Spirit Education Bases for the year 2023. Among the selected

units was the Chemistry Scientist Spirit Education Base at Peking University.

Since the *2023 Notice on the Construction and Service of Science Spirit Education Bases* was issued, CAST has received an enthusiastic response from across the country. A total of 669 units from 162 prefecture-level cities applied, including science and technology museums, research labs, significant scientific and technological projects, research institutes, memorials and residences of notable scientists, middle schools and universities, and science & technology enterprises.

These Education Bases have engaged broader society in promoting the spirit of scientists through a variety of educational activities. This designation will help cultivate an environment that deeply respects knowledge, advocates innovation,

values talent, fosters love for science, and encourages dedication to scientific pursuits.

(Source: Official website of CAST)

CAST launches “Intelligent CAST” web portal and mobile app for Chinese science and technology workers

In celebration of the 2023 National Science and Technology Workers Day, CAST launched the “Intelligent CAST” web portal and mobile app on May 30. The platform aims to cater to the needs of science and technology professionals throughout China and their affiliated sci-tech organizations, demonstrating CAST’s dedication to digital transformation.

Intelligent CAST empowers local CAST branches at all levels by providing hardware and software support, background system operation

services, and enabling them to establish an online presence with their own portals. The platform boasts a scalable infrastructure that integrates office automation, administration, membership services, academic exchange, science popularization, journal publication, talent development, and competition training.

Furthermore, the platform serves as a one-stop hub for science and technology workers, granting them easy access to a wide array of content. It enables them to join and engage with societies of their interest, optimize their academic career paths, partake in domestic and international academic exchange, foster science popularization and innovation initiatives, expand their network, and enhance their academic influence.

(Source: Official website of CAST)

CAST launches “Voice of CAST” for global science organizations and professionals



Photo credit: VOC

To celebrate the 2023 National Science and Technology Workers Day, on May 30, CAST officially unveiled “Voice of CAST” (VOC), a global communication platform catering to overseas scientific entities and science and technology workers.

VOC operates based on the principles of innovation, coordination, green development, openness, and mutual benefits. Its primary purpose is to share information about China’s scientific and technological community with the rest of the world. The platform aims to foster trust and collaboration within the international scientific community, promote cultural exchange and mutual learning, and contribute to the building of a global community of shared future.

The platform was developed to harness technology for the common good and people’s well-being. Currently, it offers dedicated sections for

academic events, journal publications, academic research, science popularization, and academic conferences, providing updates on the latest advancements within China’s scientific and technological community. Furthermore, a special channel was launched to commemorate the 2023 National Science and Technology Workers Day with historical insights and updates on various celebrations.

Today, all content on the platform is available in English. However, future plans include incorporating multilingual translation, messaging, consulting services, and newsletter subscriptions. These additions will enhance the platform’s capabilities and better serve overseas science organizations and global science workers.

For more information, please visit the official VOC website at <https://voc-gj.cast.org.cn/>. CAST warmly invites all global

science professionals to explore and benefit from the platform.

(Source: VOC)

CAST organizes legal services for Chinese science and technology professionals

To commemorate 2023 National Science and Technology Workers Day, the Service Center for Societies of CAST announced it was offering a comprehensive range of legal services tailored to science and technology professionals nationwide. Available from May 23 to June 6, these services aimed to enhance legal awareness and provide assistance on safeguarding legitimate rights and interests. The offerings consisted of four main components:

Provision of legal consultation services. These services prioritized issues such as the conversion of scientific and technologi-

cal achievements and the protection of intellectual property including copyrights, patents, and trademarks. To facilitate this, two hotlines were established, and AI-powered consultations were made available through a dedicated WeChat official account.

Legal knowledge quizzes. Designed based on the *Scientific and Technological Progress Law of the People's Republic of China*, these quizzes covered topics including invention and creation, rights allocation, and innovative mechanisms. Through the quizzes, science and technology

professionals acquired knowledge closely related to their practical interests.

Dissemination of the *Handbook on Preventing Academic Fraud in Publication*. This handbook offers insights into methods, potential harms, preventive measures, and remedial actions against fraud and misconduct in scientific publication. National societies and science and technology professionals can easily obtain the handbook by following a simple application procedure.

A dedicated online

channel for legal education. SciMall uploaded video courses and legal resources to its official website. These resources were designed to assist science and technology professionals on learning methods and approaches to protect and convert scientific and technological achievements. Additionally, they provided an understanding of legal risk prevention and control in accordance with the *Scientific and Technological Progress Law of the People's Republic of China*.

(Source: Official WeChat account of KEXIE-GAIGEJINXINGSHI)

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CAST is the largest non-governmental organization of scientific and technological professionals in the world. Through its 215 member societies and local branches all over the country, CAST maintains close ties with millions of Chinese scientists, engineers, and other professionals working in fields of science and technology.

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