

Pollution. Intergovernmental Science-Policy Panel on Chemicals, Waste and Pollution: Resources, United Nations Environment Programme, Nairobi, 2025. Available from <https://www.unep.org/isp-cwp/resources>

See project 2024-005-2-022 “Building strong relationship between UNEP Science Policy Panel and IUPAC”, for follow-up and updates <https://iupac.org/project/2024-005-2-022/>

Chemistry Everywhere—The Chinese Chemical Society’s First Chemistry Popularization Forum and Science Exhibition

By Hui WEI

To promote the high-quality development of chemistry popularization and cultivate a fertile ground for public scientific literacy, during the 35th Annual Academic Conference of the Chinese Chemical Society (CCS) held from 11-14 April 2026, the first Chemistry Popularization Forum, organized by the CCS Popularization of Chemistry Committee, took place successfully in Chongqing on April 12. At the same time, the inaugural “**Chemistry Everywhere**” thematic popular science exhibition made a splendid appearance at the conference venue. Unlocking the beauty of chemistry with ingenious design and interpreting the charm of science through vivid scenes, the exhibition added a brilliant chapter of science popularization to the annual conference.

Academician Yong Tang, Member of the Chinese Academy of Sciences, Vice President of CCS and Chairman of its Popularization of Chemistry Committee, and Researcher at the Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, attended the event and delivered a speech. He stated that chemistry is the central science of natural sciences, and science popularization is an important bridge connecting research with the public. CCS continues to promote science popularization work. The simultaneous holding of this forum and the “Chemistry Everywhere” exhibition aims to build a communication platform and facilitate the deep integration of popularization and academia. He hopes that all science communicators will stay true to their original aspirations, innovate in forms, deepen cooperation, and pool efforts to jointly advance the high-quality development of chemistry popularization.

The forum was co-chaired by Professor Shiyong Liu, Deputy Secretary-General of CCS and Deputy Chairman of its Popularization of Chemistry Committee,

University of Science and Technology of China, and Professor Hai Xu, member of the CCS Popularization of Chemistry Committee, Central South University. Focusing on the hot topics and trends in chemistry popularization development, several authoritative experts in the field were invited to give keynote reports:

- Academician Yongfang Li, Member of the Chinese Academy of Sciences and Researcher at the Institute of Chemistry, Chinese Academy of Sciences, shared practical experiences in science popularization, discussing the integration of professionalism advocacy with solar energy utilization outreach.
- Xiaodong Pang, Party Secretary of the China Research Institute for Science Popularization, provided an in-depth interpretation of the new “Science Popularization Law,” offering theoretical and practical guidance for the high-quality development of science popularization.
- Professor Xuefeng Jiang, East China Normal University, deeply analyzed the construction of science popularization systems and development paths for science education.
- Researcher Long Lyu, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, shared the priorities, values, and joys of science popularization work.
- Professor Hai Xu, Central South University, shared insights on creating popular science books.
- Associate Professor Yan Liang, University of Science and Technology of China, showcased the beauty of integrating crystallization art with chemistry.
- Senior Engineer Jin Xue, Suzhou Institute of Nano-Tech and Nano-Bionics, Chinese Academy of Sciences, introduced experiences in building science education bases within research institutions.
- Associate Professor Bin Xue, Shanghai Ocean University, discussed innovative paths for chemistry communication in the era of self-media.
- Professor Yingming Pan, Guangxi Normal University, elaborated on pathways for transforming chemistry popularization by integrating local characteristic resources.

The speakers at the Forum, combining frontline practice, brought professional and practical insights from perspectives such as policy interpretation, creative techniques, communication practices, and base



Scene of the “Chemistry Everywhere” thematic popular science exhibition. See feature page 6.

construction. The lively on-site exchanges provided a high-quality platform for chemistry communicators nationwide to learn, communicate, and promote mutual progress.

The inaugural “Chemistry Everywhere” thematic popular science exhibition made a stunning debut simultaneously. As a practical implementation of CCS’s science popularization philosophy, the exhibition continued the core brand concept of “Chemistry Everywhere,” meticulously setting up five major special zones: Beautiful Chemistry, Journal Covers, Chemistry and Art, **Nanozyme Painting Rhymes**, and Electron Microscopy Photography. Using diverse formats such as animated videos, artistic creations, and interactive experiences, the exhibition broke down barriers between the microscopic world and macroscopic vision, connected the rhythm of chemical mechanisms with the blending of artistic aesthetics, and layer by layer unveiled the mysteries of cutting-edge research. It transformed abstract chemical knowledge into an immersive experience that could be seen, touched, and appreciated, allowing every visitor to intuitively feel the profound meaning of “Chemistry Everywhere” and gradually approach, understand, and fall in love with chemistry. During the exhibition, the venue became an ocean of science, attracting a large number of participating scholars to stop and explore.

This series of science popularization activities, held in conjunction with the 35th Annual Academic Conference of the Chinese Chemical Society, achieved an organic combination of academic exchange and popularization promotion. It not only facilitated the sharing of experiences and innovation in models for chemistry popularization but also brought the discipline of chemistry out of the laboratory and into the public eye, significantly enhancing the social recognition and influence of chemistry. In the future, the CCS Popularization of Chemistry Committee will continue to build high-quality popular science brands, continuously enrich popularization formats, expand outreach platforms, fully promote the high-quality development of chemistry popularization, help improve the scientific literacy of the public, and bring the beauty of chemistry to more people.

<https://mp.weixin.qq.com/s/su8MUzo8aANLAGhGhpSBAA>

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