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China Association of News Technologists Post-print Annals

Authors:

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Abstract

The mid-2000s witnessed significant progress in standardization and international collaboration. In 2002, the Federation co-hosted the first Chinese NewsML International Seminar with the Hong Kong Chinese News Markup Language Association in Beijing, followed by a second seminar in Hong Kong on May 24, 2004. The Federation established its Multimedia Technology Professional Committee in 2003 and its News Data Professional Committee in 2004, which organized a seminar on Chinese news information cla...

Full Text

A Historical Overview of the China News Technology Workers Federation

The China News Technology Workers Federation (CNTWF) was formally established on September 3, 1991, marking the beginning of a systematic effort to advance news technology standards and collaboration across China's media landscape. In its early years, the Federation quickly moved to create platforms for technical exchange, co-hosting the "1993 Shanghai International News and Publishing Technology Exhibition" with the Shanghai Xinmin Evening News on April 22, 1993. That same year, the Federation's official journal *News Electronic Technology* was renamed *China News Technology*, solidifying its role as the organization's primary publication. The Federation continued to build momentum with the 1997 China News Technology Seminar on November 3, 1997, and subsequently co-hosted the "Second Asia-Pacific Conference on Media, Technology and Social Development" with the China Society of Science and Technology Journalism in April 1999, while also organizing a regional technology seminar focused on western China.

The Federation's institutional development accelerated in the new millennium. On September 15, 2001, the Federation convened its third general council meet-

ing and tenth anniversary academic conference, where the third council was elected. In 2002, the Federation partnered with Beijing Language and Culture University and the Chinese Information Processing Society of China to launch the “China’s Top Ten Newspaper Buzzwords” initiative. That same year, on June 7, the Federation’s president advocated through internal reference publications for the urgent establishment of national news information technology standards. The Federation’s journal underwent another evolution in 2001, re-branding from *China News Technology* to *China Media Technology*, reflecting broader industry trends. A major milestone occurred on September 5, 2003, when the National Office for Science and Technology Awards approved the establishment of the “CNTWF Science and Technology Award,” which would later be renamed the “Wang Xuan News Science and Technology Award” on December 31, 2004, honoring the renowned Chinese computer scientist.

The mid-2000s witnessed significant progress in standardization and international collaboration. In 2002, the Federation co-hosted the first Chinese NewsML International Seminar with the Hong Kong Chinese News Markup Language Association in Beijing, followed by a second seminar in Hong Kong on May 24, 2004. The Federation established its Multimedia Technology Professional Committee in 2003 and its News Data Professional Committee in 2004, which organized a seminar on Chinese news information classification standardization. On July 8, 2004, the Federation commemorated the 100th issue of *China Media Technology*. The Federation’s efforts in technical standardization came to fruition on May 25, 2006, when two national standards for Chinese news information technology, developed with Federation participation, were officially released. This achievement was celebrated through the China Media Information Service and Network Communication Summit, which included promotion and discussion of the national standards. The Federation’s specialized committees remained active throughout 2006, with the Network Media Professional Committee hosting the 2006 Annual Conference on Network Media and Chinese Information Technology Development, and the Multimedia Technology Professional Committee organizing the China Digital Television and Network Development Summit.

The Federation’s influence continued to expand in the following decade. The inaugural Wang Xuan News Science and Technology Award ceremony was held at the Xinhua News Agency Building on January 6, 2005, accompanied by the China Media Technology Summit. The fourth council was elected during the fourth general council meeting and academic conference in November 2005. In 2007, the Federation co-hosted a summit with China Netcom themed “Olympic Reporting: Technology First, Converged Industry, Win-Win Cooperation,” while the Network Media Professional Committee organized the 2007 Annual Conference on Network Media and News Informatization. A commemorative album for the Wang Xuan Awards was published in 2008, documenting achievements from 2003 to 2008. The fifth council was elected in November 2009, the same year the Multimedia Technology Professional Committee co-hosted the fourth “China Digital Television and Network Development Summit” with the

Cable Television Integrated Information Technology Branch of the Chinese Institute of Electronics.

Marking its twentieth anniversary in 2012, the Federation held a commemorative symposium on January 12. The sixth council was elected in September 2014 during the sixth general council meeting and Wang Xuan Award ceremony, which also saw the establishment of the CNTWF News Information Standardization Committee. A second commemorative album covering the 2008–2013 award period was published in 2014. The Federation expanded its award system in 2013 by establishing the “Wang Xuan News Technology Paper Award.” Throughout 2015, the Federation actively explored media convergence, organizing a salon on “Media Convergence Development Vision and Path: Regional Media Dialogue” with Xinhua’s Sichuan bureau, hosting a forum on cloud technology and database development prospects with its New Media Branch, and co-hosting the “Intelligent + Media Super Brain Forum” with Xinhua Net in Shanghai.

The Federation’s focus shifted toward digital transformation and artificial intelligence in subsequent years. In July 2016, *China Media Technology* co-hosted the “Artificial Intelligence and Media Future” seminar with Xinhua’s News Research Institute. The Federation established its County and Regional Media Committee in September 2016, and in December, co-hosted the “Convergence Development Path and Vision: Regional Media Dialogue” salon event in Yunnan, which included a signing ceremony for a provincial party newspaper media platform cooperation framework. The journal *China Media Technology* received multiple honors, being selected for the “2018 Digital Reading Influential Journals TOP100 (Overseas)” and the “2018 Journal Digital Influence 100” in 2018, and having been selected for the “70th Anniversary of the PRC Excellent Journals Exhibition” and “BIBF2019 China Excellent Journals Exhibition” in 2019. The Federation also organized the “Media Industry Information System Security Protection and Convenient Access Seminar” in October 2019, and its seventh council was elected during the seventh general council meeting and 2019 academic conference in November 2019.

In response to cybersecurity challenges, the Federation organized experts to draft the “Newspaper Industry Cybersecurity Classification Protection Reference Guide V2.0” in November 2020, providing guidance for member units implementing China’s Cybersecurity Law. That same year, *China Media Technology* was recognized as a quasi-core journal in the Wuhan University RCCSE Chinese Academic Journal Ranking and was selected for the BIBF2020 China Excellent Journals Exhibition. The journal was also listed by the Renmin University of China Book and Newspaper Data Center as a source journal for full-text reprinting in 2021, cementing its academic status and influence in the field.

Note: Figure translations are in progress. See original paper for figures.

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