

Panel Discussion:

Moderator:

Mr. Luis Jorge Romero Chief Strategy Officer of Shenzhen Comentropy Industry and Standards Innovation Service Center, Former CEO of European Telecommunications Standards Institute

Panelists:

Mr. Liu Xiangang Vice President of the China Electronics Standardization Institute

Ms. Lu Lili Vice President of the China National Institute of Standardization

Mr. Peter Sissons International Engagement Director, BSI

Mr. Steven Wang Vice President of OPPO, Head of Smartphone Business Management Office

[Brief Introduction]

The Parallel Session on International Cooperation on AI Standards for Empowering Industrial Upgrades was held on the afternoon of November 5th, 2025, at Hall C2, 4.2 Hall, National Exhibition and Convention Center (Shanghai, China). The event was hosted by the Ministry of Commerce of the People's Republic of China and the State Administration for Market Regulation of the People's Republic of China (National Standardization Administration of the People's Republic of China), organized by the Shanghai Municipal Administration for Market Regulation, the China Electronics Standardization Institute, and the China National Institute of Standardization, and co-organized by the Shanghai Institute of Quality and Standardization. The forum comprised five segments: opening remarks, thematic speech, outcomes announcement, panel discussion, and an interactive Q&A session.



[Opening Remarks]

During the opening remarks session, invited guests included Dr. Chen Jie, Member of the Standing Committee of the CPC Shanghai Municipal Committee and Vice Mayor of Shanghai, and Mr. Shu Wei, Vice Minister of the State Administration for Market Regulation (SAMR). The guests exchanged views on the value of international AI standards and the focus of China's AI standardization efforts. As the core driving force of technological revolution and industrial transformation, AI has empowered countless industries. International standards serve as the cornerstone for industrial development and trust-building, establishing a baseline for technology application and helping it become an international public good. As a hub for the AI industry, Shanghai has led or participated in the development of 53 international AI standards covering various fields, with nearly a hundred experts registered as experts in international standards organizations. In the future, efforts will focus on strengthening standardization across the entire industrial chain, injecting "Shanghai momentum". The State Administration for Market Regulation (SAMR) attaches great importance to international AI cooperation and the enabling role of standards. It has issued multiple guidelines and standards, constructing a standard system covering the entire industrial chain. Future efforts will focus on three aspects: deepening international cooperation, accelerating the development of key standards, and promoting the compatibility of standard systems, aiming to jointly build the industrial ecosystem, promote industrial development, and share industrial security.



Dr. Chen Jie, Member of the Standing Committee of the CPC Shanghai Municipal Committee, Vice Mayor of Shanghai, attended the Parallel Session on International Cooperation on AI Standards for Empowering Industrial Upgrades and delivered opening remarks



Mr. Shu Wei, Vice Minister of SAMR, attended the Parallel Session on International Cooperation on AI Standards for Empowering Industrial Upgrades and delivered opening remarks

[Thematic Speech]

During the thematic speech session, invited guests included Mr. Javier García, Vice President of the International Organization for Standardization (ISO); Mr. Gilles Thonet, Deputy Secretary-General of the International Electrotechnical Commission (IEC); Prof. Guo Xu, Academician of the Chinese Academy of Engineering; Mr. Bill Wang, Vice President of Huawei Enterprise Sales Department and President of Huawei Industry ICT Solution Development Management Department; Prof. Dr. Sonja Zillner, Head of Trustworthy AI and Generative AI Risk Management at Siemens AG; and Mr. Wang Xinhui, Vice President of ZTE Corporation and General Manager of Standardization and Industrial Relations. The guests exchanged insights on the practices of international organizations, technological empowerment, enterprise applications, and risk management. The International Organization for Standardization (ISO) needs to build partnerships and unite all stakeholders to advance standardization across the entire value chain—from standard development architecture to market implementation and industry application. Initiatives like AI tools and online development platforms can enhance efficiency and promote the implementation of intelligent standards. The International Electrotechnical Commission (IEC) focuses on the integration of electrical engineering and AI, collaborating with international organizations to develop standards and release white papers in multiple fields to address risks such as those from generative AI and misinformation, supporting sustainable development. AI-powered Computer-Aided Engineering (CAE) industrial software can address bottlenecks in solving efficiency and model construction. Meta-learning technology can optimize efficiency and restructure software architecture, supporting the development of areas like industrial machine tools and marine equipment. International standards can provide core support for the orderly empowerment of AI. At the enterprise level, the next decade will see us move towards an era of human-machine symbiosis. The interconnection of intelligent agents and the growth of computing power and storage will bring industrial transformation. AI creates value in multiple fields such as education, healthcare, and energy, requiring collaborative efforts to build a sound industrial ecosystem and promote unified standards through international organizations. Industrial-grade AI needs to meet standards for safety, trustworthiness, and data efficiency. Enterprises should establish risk management systems, controlling risks through a four-stage process, and advocate for globally unified standards to facilitate standardized industrial development. Standard development needs to balance technological practice and organizational governance. China deeply participates in international standardization work, adhering to a middle-ground governance path, focusing on AI energy consumption and talent cultivation, forming a dual-drive of technology and standards.



Mr. Javier García, Vice President of ISO,
attended the Parallel Session on International Cooperation on AI Standards
for Empowering Industrial Upgrades and delivered a thematic speech



Mr. Gilles Thonet, Deputy Secretary-General of IEC,
attended the Parallel Session on International Cooperation on AI Standards
for Empowering Industrial Upgrades and delivered a thematic speech



Prof. Guo Xu, Academician of Chinese Academy of Sciences, attended the Parallel Session on International Cooperation on AI Standards for Empowering Industrial Upgrades and delivered a thematic speech



Mr. Bill Wang, Vice President of Huawei Enterprise Sales Department, President of Industry ICT Solution Development Management Department, attended the Parallel Session on International Cooperation on AI Standards for Empowering Industrial Upgrades and delivered a thematic speech



Prof. Dr. Sonja Zillner, Head of Trustworthy AI and Generative AI Risk Management of Siemens AG, attended the Parallel Session on International Cooperation on AI Standards for Empowering Industrial Upgrades and delivered a thematic speech



Mr. Wang Xinhui, Vice President of ZTE Corporation, General Manager of Standardization and Industrial Relations, attended the Parallel Session on International Cooperation on AI Standards for Empowering Industrial Upgrades and delivered a thematic speech

【Outcomes Announcement】

During the outcomes announcement session, invited guests included Dr. Xiao Han, Director General of the Department of Standards Innovative Management, SAMR/SAC, and Prof. Zhang Ping, Professor at the Law School of Peking University, Director of the AI Security and Governance Center of the Peking University Institute of Artificial Intelligence, and Vice President of the Peking University Wuhan Institute of Artificial Intelligence. The guests announced the Foreign Language Versions of Chinese National Standards, the International Cooperation Initiative on AI Standards, and the English version of the "2025 Research Report on AI Technology Ethics and Review Assessment." By 2025, 381 Foreign Language Versions of Chinese National Standards have been approved and released, covering multiple key fields. Among them, 43 standards have been released in the AI field, facilitating the convenience of international trade and industrial cooperation. The International Cooperation Initiative on AI Standards was jointly initiated by multiple institutions, aiming to use standards as a bond to deepen international cooperation and promote technological innovation and the realization of social value. The report reviews Chinese and foreign ethical review systems, proposing that ethical governance should revolve around eight aspects including human rights protection and sustainable development. It suggests following universal principles, involving multiple parties to formulate unified standards, establishing ethical red lines while retaining adaptability and flexibility.





Dr. Xiao Han, Director General, Department of Standards Innovative Management, SAMR/SAC, attended the Parallel Session on International Cooperation on AI Standards for Empowering Industrial Upgrades and participated in the Outcomes Announcement



Prof. Zhang Ping, Professor at the Law School of Peking University, Director of the AI Security and Governance Center of the Peking University Institute of Artificial Intelligence, Vice President of the Peking University Wuhan Institute of Artificial Intelligence, attended the Parallel Session on International Cooperation on AI Standards for Empowering Industrial Upgrades and participated in the Outcomes Announcement

[Panel Discussion]

The panel discussion session was moderated by Mr. Luis Jorge Romero, Chief Strategy Officer of Shenzhen Comentropy Industry and Standards Innovation Service Center and Former CEO of the European Telecommunications Standards Institute (ETSI). Invited panelists included Mr. Liu Xiangang, Vice President of the China Electronics Standardization Institute; Ms. Lu Lili, Vice President of the China National Institute of Standardization; Mr. Peter Sissons, International Engagement Director of the British Standards Institution (BSI); and Mr. Steven Wang, Vice President of OPPO and Head of Smartphone Business Management Office. The guests discussed the key role of international standards, the synergy between standards and technology, the core of international cooperation, and the practical value for enterprises. Currently, international standards regarding AI safety, privacy, and trustworthiness are at an early stage. Standards like ISO 42001 provide technical approaches, but challenges remain in areas like privacy data processing and multi-dimensional trustworthiness assessment. To address the misalignment between standards and technological development, standardization efforts should be advanced concurrently during the technology R&D phase, involving multiple stakeholders. AI technology can be leveraged to enhance the efficiency of standards development, and flexible forms like National Standardization Guiding Technical Documents can be adopted to shorten the cycle. The core of international cooperation lies in information sharing, coordination and alignment. Platforms like standards databases can be established to integrate resources, bridge regional and organizational boundaries, and promote the implementation of solutions. In enterprise practice, AI smartphones optimize user experience through features like "left memorization, right questioning," with on-device applications ensuring privacy security. AI enables inclusivity in scenarios such as education and translation, making portable devices an important carrier for promoting AI equity. For energy industry standards, an evaluation framework balancing international coordination and industry adaptation needs to be built. Unified standards can optimize energy consumption and contribute to achieving global decarbonization goals.



Mr. Liu Xiangang, Vice President of the China Electronics Standardization Institute, attended the Parallel Session on International Cooperation on AI Standards for Empowering Industrial Upgrades and participated in the Panel Discussion



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Mr. Luis Jorge Romero, Chief Strategy Officer of Shenzhen Comentropy Industry and Standards Innovation Service Center, Former CEO of European Telecommunications Standards Institute, moderated the panel discussion of the Parallel Session on International Cooperation on AI Standards for Empowering Industrial Upgrades



Dr. Xiao Han, Director General, Department of Standards Innovative Management, SAMR/SAC, moderated the Parallel Session on International Cooperation on AI Standards for Empowering Industrial Upgrades