



The 17th Asian Foundry Congress & 2025 China Foundry Congress successfully held in Xi'an

On October 25-28, the 17th Asian Foundry Congress & 2025 China Foundry Congress was successfully held at Xi'an International Convention and Exhibition Center.

Under the theme of "Green Foundry, Innovate Asia," the event attracted over 1,000 participants from more than 10 countries and regions including China, Japan, South Korea, Thailand, Vietnam, Ukraine, Russia, Germany, Spain, and Switzerland, who collectively witnessed this grand gathering of the international

foundry industry. The conference featured five high-level plenary sessions and numerous engaging technical sessions and onsite activities, with over 150 outstanding industry professionals from China, Spain, Japan, Germany, Russia, Vietnam, and Switzerland sharing their valuable insights and achievements. Additionally, the conference presented awards including Excellent Youth Presentation Award, Best Doctoral Candidate Paper Award, and Best Paper Award.



Conference Venue

Forging a New Chapter in the Ancient Capital and Innovating for the Future

The opening ceremony was hosted by Mr. Liu Hongchao, Secretary General of the Foundry Institution of the Chinese Mechanical Engineering Society (FICMES). Distinguished guests in attendance included

Lou Yanchun, President of World Foundry Organization (WFO), President of FICMES

Jose Javier Gonzalez, General Secretary of WFO

Xie Huasheng, Vice President of FICMES, Chairman of Shenyang Research Institute of Foundry Co., Ltd. CAM (SRIF CAM)

Zhai Qijie, Vice President of FICMES, Professor of Shanghai University

Yuan Xiaoguang, Vice President of FICMES, Professor of Shenyang University of Technology

Wu Guohua, Vice President of FICMES, Professor of Shanghai Jiao Tong University

Zhang Zhiyong, Vice President of FICMES, Executive Vice President of China Foundry Association

Liu Zhizhong, Deputy General Manager of SRIF CAM

Kong Linglei, Chairman of the Board of Meide Group

Kazumichi Shimizu, Former President of Japan Foundry Engineering Society

Seung-Mok Yoo, Chairman of Korea Foundry Society

Sebastian Tewes, Head of Technology, Innovation and Transformation of German Foundry Association (BDG e.V.)

Ruslan Shcheglov, Vice President of Ural Foundrymen's Association

To Duy Phuong, Vice President of Vietnam Foundry Metallurgy Science and Technology Association





At the opening ceremony, Mr. Lou Yanchun, President of WFO and President of FICMES, delivered a welcome speech. On behalf of the organizing committee, he extended a warm welcome to all distinguished guests present and expressed sincere gratitude to all partners who supported the conference. He pointed out that Asian countries, including China, India, Japan, and South Korea, lead global casting production accounting for over 70% of the total output. In the development of the entire foundry industry chain, Asia is writing a new chapter of development through "green

innovation." The research, development, and application of green technologies and products will provide achievements and experiences for the upgrading of the foundry industry in Asia and beyond. He expressed his hope that this conference would serve as an opportunity for global foundry enterprises and research institutions to strengthen cooperation and jointly explore innovative paths in low-carbon development, energy conservation, and resource recycling in the foundry field, thereby providing an "Asian Solution" for the sustainable development of the global foundry industry.



Mr. Lou Yanchun, President of FICMES, delivering the welcome speech



Mr. Liu Hongchao, Secretary General of FICMES, hosting the Opening Ceremony

Focusing on Innovation and Grateful for Collaboration

During the award ceremony, the organizing committee presented Best Paper Award of the 17th Asian Foundry Congress and Award for Annual Foundry Industry Innovative Technology and Product, while extending sincere gratitude to the conference's outstanding partners. These awards

and acknowledgment not only recognize the awardees' innovative achievements in the foundry field but also reflect the industry's progress in technological innovation and collaborative development.



Best Paper Award of the 17th Asian Foundry Congress





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Award for Annual Foundry Industry Innovative Technology and Product



Thanks to Sponsors of the 17th Asian Foundry Congress



Thanks to Supporters of the 17th Asian Foundry Congress





Celebration of 20th Anniversary of Friendly Exchanges between Chinese and Japanese Foundry Industries

Celebration of 20th Anniversary of Friendly Exchanges between Chinese and Japanese Foundry Industries was held on site. Mr. Kazumichi Shimizu, former President of Japan Foundry Engineering Society, presented a commemorative plaque to Mr. Lou Yanchun, President of FICMES. This plaque stands as a powerful testament to two decades of close collaboration and shared progress, embodying the profound friendship and cooperative achievements within the industry. The warm applause from the audience fully expressed the sector's appreciation for past accomplishments and its steadfast confidence in deepening future collaboration.



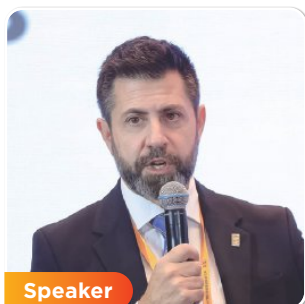
Celebration of 20th Anniversary of Friendly Exchanges between Chinese and Japanese Foundry Industries

Spotlight on Core Technologies and Panoramic View of Industry Dynamics

The conference focused on innovative technologies for engineering applications, spanning multiple fields including ferrous and non-ferrous foundry, molding materials, additive manufacturing, digital smart factories, superalloys, green and low-carbon solutions, lean management, and talent development. It featured five high-level plenary sessions

and numerous engaging technical sessions. More than 150 outstanding professionals from China, Spain, Japan, Germany, Russia, Vietnam, Switzerland shared their valuable experiences and achievements. A series of remarkable plenary sessions were delivered following the opening ceremony on the October 26.

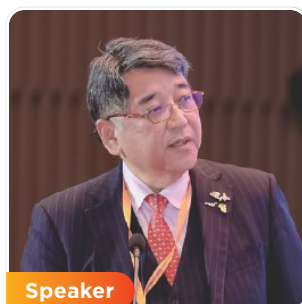
Plenary Session



Speaker
Jose Javier Gonzalez, General Secretary of WFO
Topic: Global Situation in the Foundry Industry



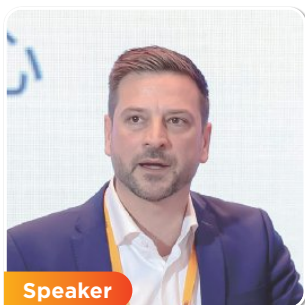
Speaker
Liu Zhizhong, Deputy General Manager of SRIF CAM
Topic: Development and Application of Advanced Melting and Casting Equipment



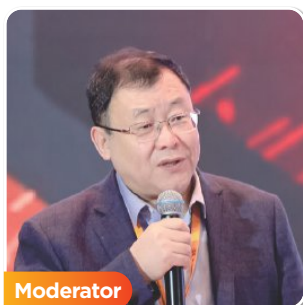
Speaker
Kazumichi Shimizu, President and Professor of National Institute of Technology Hakodate College
Topic: Former President of Japan Foundry Engineering Society, Response and Initiatives for Carbon Neutral in Japanese Foundry Industry



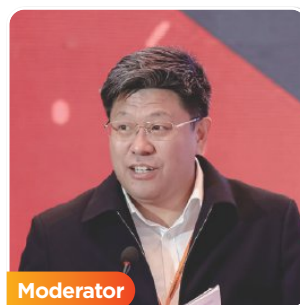
Speaker
Kong Linglei, Chairman of the Board of Meide Group
Topic: Casting a Green & Intelligent Future: Pathways for Transformation and Breakthrough of Foundry Enterprises under New Circumstances



Speaker
Sebastian Tewes, Head of Technology, Innovation and Transformation of BDG e.V.
Topic: Current Developments and Challenges of the German Foundry Industry



Moderator
Co-hosted by Yuan Xiaoguang, Vice President of FICMES, Professor of Shenyang University of Technology



Moderator
Co-hosted by Chen Ruirun, Professor of Harbin Institute of Technology





Technical Sessions and Onsite Activities

During the conference, a series of parallel forums and onsite activities were launched, focusing on cutting-edge fields. The diverse agenda featured specialized sessions including 2025 WFO International Forum on Ferrous Materials and Casting Technologies, Non-Ferrous Alloy Forum, Smart Factory Forum, Green and Low-carbon Development Forum, Additive

Manufacturing Forum, Molding Material Forum, Superalloy Forum, and Asian Science and Technology Youth Forum. The event also incorporated distinctive segments such as Scientific and Technological Achievement Release and Innovative Technology and Product Evaluation, facilitating in-depth knowledge sharing and technical exchanges.



Parallel Technical Sessions

Academic Gallery: Buzzing with Ideas at the Poster Session

The poster session showcased the latest research findings from universities and institutions worldwide, where researchers and attendees engaged in dynamic discussions in front of the display boards. In-depth dialogues were held

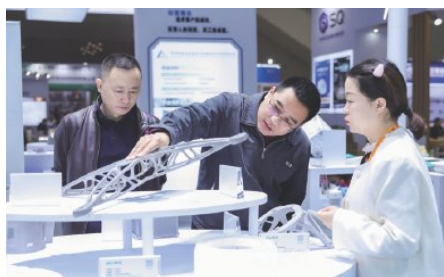
on casting materials and process innovations. The face-to-face academic exchange provided scholars with valuable opportunities for interaction, fostering the convergence and inspiration of diverse research perspectives.



Exhibitor Impact and Synergy Effect: Coordinated Strengths of Five Exhibition Zones

The 2025 International Foundry Exhibition was held concurrently onsite. This exhibition brought together dozens of leading industry enterprises, including FAW, Shengquan, Xingye, SRIF CAM, Xingang, Cloud-Manu 3D, Yuanda, and

Xi'an Jida, to collectively showcase new technologies, equipment, and products from the global casting sector. The displays spanned multiple areas such as foundry equipment, materials, and automation.





Precision Casting Customization Fair: Facilitating Efficient Business Connections

The Precision Casting Customization Fair adopted a "one-to-one" targeted matchmaking mechanism, establishing highly efficient channels for business collaboration among participating companies. Within the negotiation area, 26 buyers from diverse sectors and 33 suppliers engaged in in-

depth discussions, conducting multiple rounds of negotiations on customized requirements and technical solutions. This innovative matchmaking model has effectively accelerated the industry's transition from technical research to commercial implementation, driving tangible value creation.



The 12th "Shengquan Cup" National Foundry Photography Contest & Exhibition

The 12th "Shengquan Cup" National Foundry Photography Contest & Exhibition showcased the unique attraction of the casting industry through the lens. The collection featured both

the awe-inspiring moments of molten metal casting and detailed close-ups of precision components, vividly capturing the dynamic force and intricate beauty inherent in foundry artistry.



Gala Dinner: Networking and Recognition of Excellence

The gala dinner fostered a relaxed and engaging atmosphere for all attendees. Over dining and conversation, delegates continued their professional discussions and strengthened mutual understanding. The event was further highlighted by the awards ceremony for Excellent Youth Presentation Award, Best Doctoral Candidate Paper Award, and "Shengquan Cup" National Foundry Industry Photography Contest, which provided abundant topics for interaction and showcased the vibrant, multifaceted development within the foundry sector.



Mr. Xie Huasheng, Vice President of FICMES and Chairman of SRIF CAM, delivering the welcome speech





Lou Yanchun, President of FICMES and Zhai Qijie, Vice President of FICMES presenting Gold Award of Excellent Youth Presentation Award



Lou Yanchun, President of FICMES and Zhai Qijie, Vice President of FICMES presenting Silver Award of Excellent Youth Presentation Award



Lou Yanchun, President of FICMES and Zhai Qijie, Vice President of FICMES presenting Excellent Award of Excellent Youth Presentation Award





Jose Javier Gonzalez, General Secretary of WFO presenting Gold Award of Best Doctoral Candidate Paper Award



Yuan Xiaoguang and Wu Guohua, Vice Presidents of FICMES presenting Silver Award of Best Doctoral Candidate Paper Award



Prof. Zhou Jianxin of HUST and Dai Weiping, Chairman of Guangxi Lanco Resource Recycling Co., Ltd. presenting Excellent Award of Best Doctoral Candidate Paper Award





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Award Ceremony of "Shengquan Cup" National Foundry Industry Photography Contest





Work Visits: Witnessing Manufacturing Power Through Three Technical Routes

On the morning of October 28, attending delegates conducted group visits to leading manufacturing enterprises in Shaanxi province, including Shaanxi Diesel Heavy Industry

Co., Ltd., Xi'an Bright Laser Technologies Co., Ltd. and Western Metal Materials Co., Ltd. These site visits provided participants with an in-depth, hands-on industrial experience.



Visit to Shaanxi Diesel Heavy Industry Co., Ltd.



Visit to Xi'an Bright Laser Technologies Co., Ltd.



Visit to Western Metal Materials Co., Ltd.





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GREEN FOUNDRY INNOVATE ASIA

Official Tour: Terracotta Warriors, A Legacy in Casting

On the afternoon of October 28, conference delegates from China, Japan, South Korea, Germany, Russia, and Vietnam visited the Emperor Qinshihuang's Mausoleum Museum. This sacred site, which stands as a testament to China's enduring casting civilization, provided visitors with a profoundly

insightful experience. As a UNESCO World Heritage site, the Terracotta Warriors showcase concepts of standardized production and precision casting techniques that continue to inspire the development of modern industrial civilization.



Tour of Emperor Qinshihuang's Mausoleum Museum

Acknowledgement

The 17th Asian Foundry Congress & 2025 China Foundry Congress has come to a successful conclusion. We extend our special gratitude to all exhibiting enterprises for their innovative achievements, to the presenters for their insightful technical reports, and to the forum chairs for their

professional moderation. While this grand gathering has drawn to a close, we are confident that the connections forged here in Xi'an will serve as an enduring force driving the industry forward.



Conference
Proceedings



Photo Gallery

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