



ONE WORLD 链动全球压铸 ONE DIECASTING



DIE CASTING
CONGRESS
中国压铸会议

The 20th China Die Casting Congress

March 26-28, 2025 | Wanda Realm Nanjing, China





THE 20TH CHINA DIE CASTING CONGRESS

Congress Theme: Global Fusion & Collaborative Growth of Die-Casting Technology

"Technology is borderless, and cooperation fosters growth" which has become a global consensus today. With the rise of EV and the transformation of traditional automakers, the need to shorten automobile production cycles has become increasingly urgent. Die casting, as a critical process in automobile manufacturing, is undergoing profound changes. Material innovations, process refinements, and carbon emission controls have become key factors for the die casting industry. In this situation, cross-border cooperation among universities, research institutions, enterprises, and automakers has become increasingly close, jointly driving innovations in materials, products, and technological solutions. This cross-border cooperation model is gradually expanding on a global scale. In 2025, the China Die Casting Congress will dissect the latest development trends and explore the competitive landscape with global colleagues in the die casting industry, with the conception of "ONE WORLD, ONE DIECASTING".

Converging Global Vision in Die-Casting Technology

Global Fusion & Collaborative Growth of Die-Casting Technology

- Analysis of International Die Casting Policy, Trend and Market
- Product Development and Integrated Computational Materials Engineering
- Development and Application of Alloy Material
- High-end Mould Making Technology
- Advanced Processes and Innovative Technology
- Intelligent Manufacturing and Lean Management
- Die Casting Equipment and Integration Technology

Technical Speech

The conference will invite experts and scholars from renowned universities, research institutions, and enterprises around the world to share their research findings and practical experiences on hot topics of industry concern.

Call for Papers

In order to foster academic exchanges and drive technological advancements in the die-casting industry, we are now calling for papers from professionals across the globe within the industry.

For submission requirements and details, please contact the conference organizing committee.

Deadlines:
Abstract: January 15, 2025
Full Paper: February 15, 2025



Roundtable -

Dialogue with Die-Casting CEOs

Special Seminar -

- Low-Carbon Transformation, Carbon Tax Strategies, and Supplier Certification
- AI Empowering Die-casting: Seminar on Digital Solutions

Interview -

Dialogue with Industry International Experts

Interaction Session-

Dialogue with Thai Die-casting Delegation

Exchange Event - Gathering Top Auto & Comms Manufacturers

Relying on the Auto-foundry Club, which has gathered over a hundred automotive and die-casting industry experts from renowned enterprises such as Tesla, Volvo, NIO, Lixiang, XPeng, Changan, BMW, Volkswagen, Dongfeng, GM, Chery, Leapmotor, ZEEKR, Schaeffler, Magna, Nemak, Tuopu Group, Wencan, MINO, etc., the conference will offer a platform for automobile and communication manufacturers, and die-casting technology solution suppliers to exchange ideas.



An Unprecedentedly Large and Highly Influential Die-Casting Conference

With eagerness, Foundry Institution of Chinese Mechanical Engineering Society (FICMES) has sought talents and experts every year, to strengthen the team for better industry service and encourage them to make more contribution to the development and technological progress of die casting industry. So far, the team covering key department heads and technical backbones from research institutes, automotive manufacturing, and nonferrous & die casting industry chain.



FICMES has been accumulating the industrial experience for more than **60 years** with numerous experts forming a think tank, which promote the Die Casting Congress to grow into an unprecedentedly large and highly influential event in the die-casting industry.

**The Power of Models:
the Awards for the Outstanding**

Industry - Academia - Research Matching

**Expert Q&A - Solution and
Analysis of Casting Defects**

**Recommended Brands & Products
Display and New Product Announcement**

**Social Activities to
Expand Industry Resources**

**Factory & University Visit - Great Support
from Local Factories & University**



Phoenix Contact
China Corporation



Baowu Magnesium
Technology Co., Ltd.



Brembo (Nanjing) Automobile
Components Co., Ltd.






Nanjing Changan
Automobile Co., Ltd.



School of Mechanical Engineering
Southeast University

Review of 2024

(Ningbo, China, March 2024)

-  **756** delegates participated in the congress
-  **36** speakers and experts were invited to share their research results and latest technologies on hot topics
-  **3** industry experts shared their insights on live broadcast, and **12,743** viewers watched online
-  **46** enterprises displayed their specific high-quality products and new achievements

Overview of Participant Enterprises



(* More delegates were invited)

Congress Agenda

Date	Time	Type
March 26, 2025	09:00-18:00	On-site Registration
	14:00-18:00	Seminar on Low-carbon Issues Seminar on Digital Solutions Dialogue with Thai Die-casting Delegation Dialogue with Die-Casting CEOs (Closed-door)
	18:30-21:00	Elite Party
March 27, 2025	09:00-09:30	Opening Ceremony and Awarding Ceremonies
	09:30-17:00	Technical Session
	14:00-18:20	Expert Q&A
	17:00-18:20	New Product/Technology Announcement
	09:00-18:30	Recommended Brands & Products Display, Industry-Academia-Research Matching
	18:30-20:30	Welcome Dinner
March 28, 2025	09:00-12:00	Technical Session
	09:00-12:00	Recommended Brands & Products Display, Industry-Academia-Research Matching
	13:30-17:00	Factory & University Visit (book in advance)

*The above is the preliminary agenda of the conference. Please refer to the final agenda.

Sponsored by

Chinese Mechanical Engineering Society
Die Casting Commission of the World Foundry Organization
Foundry Productivity Promotion Center
China Academy of Machinery Science and Technology Group Co., Ltd. (CAM)

Organized by

Foundry Institution of Chinese Mechanical Engineering Society
National Key Laboratory of Advanced Casting Technologies
Shenyang Zhongzhu Foundry Productivity Promotion Center Co., Ltd.
Public Service Platform for the Industrialization of Innovative Achievements in Equipment Key Part Casting

Co-organized by

Zonzu Technology
Die-casting Weekly
Jiangsu Foundry Association
Foundry Institution of Jiangsu Mechanical Engineering Society
Japan Keikinzoku Tsushin AI Co., Ltd.
CHINA FOUNDRY
FOUNDRY
Special Casting & Nonferrous Alloys

Supported by

Phoenix Contact China Corporation
Baowu Magnesium Technology Co., Ltd.
Brembo (Nanjing) Automobile Components Co., Ltd.
Nanjing Changan Automobile Co., Ltd.
School of Mechanical Engineering, Southeast University

Supporting Media

DIE-CASTING
Foundry World Report
ZHONG GUO YA ZHU
Die Casting Newspaper
Foundry-Suppliers.Com
Foundry-Planet GmbH

Contact for Registration

Ms. You Yi
+86 24 2585 5793
youyi@foundrynations.com

Contact for Sponsorship

Ms. Gillian Li
+86 24 2585 5793
lmt@foundrynations.com



Review of 2024



Scan to Register