



# The 21<sup>st</sup> China Die Casting Congress

March 25-27, 2026 Wuhan, China



www.diecastexpo.cn/en/congress



As global manufacturing accelerates its green transition and pushes for lightweighting, Magnesium and Aluminium have become key materials in sectors like new energy vehicles, aerospace, and 3C electronics. Aluminium die-casting, with its mature technology, continues to expand into new applications such as auto body structures and battery housings, showing steady growth. Magnesium die-casting, with even greater lightweight potential and emerging process innovations, is rising rapidly, though challenges in corrosion and creep resistance remain.

Currently, the global die-casting landscape is characterized by "steady Aluminium and advancing Magnesium". With increasingly close collaboration in the international industrial chains, technological innovation and market application are mutually reinforcing, presenting the industry with unprecedented opportunities and challenges. In 2026, the China Die Casting Congress, under the theme of "Al & Mg, Casting a Lighter Future" will gather global industry leaders to shape the lightweight future together.



As a key
automotive hub, Wuhan is
uniquely positioned to advance
die-casting technology. It is home to
Dongfeng Motor's **16,000**-Ton megacasting factory and leading universities like
Huazhong University of Science and Technology
and Wuhan University of Technology. This
powerful synergy between industry and
academia creates a fertile ground for
innovating and commercializing new
die-casting solutions.

## **A Die-Casting Event Since 1997**

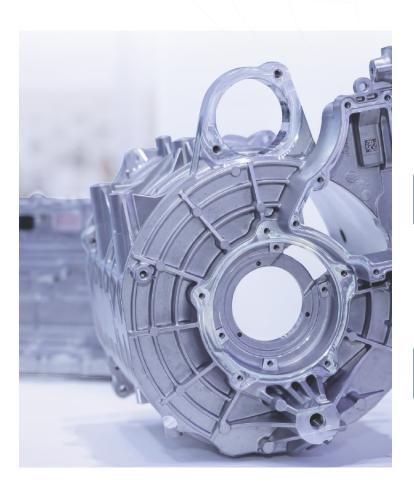
Since 1997, the China Die Casting Congress has been a key industry platform, driving innovation through technical exchange, evolving into an unprecedentedly large and highly influential event in the die-casting field.

# Partnership with WFO, A Pool of International Resources

With the World Foundry Organization (WFO) as our global partner, we connect a network of over 30 member countries across major die-casting markets. This gives the congress a unique channel to front-line global expertise and technological developments.

# Technical Session, A Global Vision of Die-Casting Technology

- Themed Forum Focusing on Global Technology Development & Market Trend
- Magnesium Alloy Forum
- Low-Pressure / Squeeze / Counter-Pressure Casting Forum
- Mega-Casting Forum







# Roundtable, A Dialogue with Die-Casting CEOs

The conference will invite top CEOs for a high-level brainstorming session. They will delve into critical topics such as global expansion opportunities, corporate management and strategic planning, offering attendees a feast of thought-provoking ideas and shared insights.

# Special Seminar, A Focus on Global Frontiers

These seminars are designed to facilitate in-depth professional discussions, fostering intellectual exchange and the sharing of cutting-edge knowledge.

## **Gathering TOP Auto Manufacturers and Die-Casting Industry Leaders**

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 serves as a platform for automobile and communication manufacturers and die-casting technology solution suppliers to exchange





#### **Auto-Foundry Club Activity**

During the event, the organizer will host a salon for the Auto-Foundry Club. This initiative focuses on user needs, creating a new platform for information exchange, dialogue, and collaborative development between die-casting companies and their customers.

### Honoring Industry Excellence

This segment recognizes die-casting professionals who have made significant breakthroughs in advanced technologies and outstanding contributions to the industry's development. It aims to encourage participation in academic and technical exchanges on casting.





#### **Recommended Brand & Product Display**

A dedicated "Recommended Brand & Product" zone at the conference will highlight corporate achievements through exhibits. Alongside this zone, the event will feature dedicated sessions for new product and technology releases, providing a dynamic platform to foster innovation and industry collaboration.

## Excellent Casting Display

Excellent castings will be displayed on-site at the conference, to showcase industry excellence and inspire technical innovation.





#### Social Activities to Expand Industry Resources

- Gala Dinner
- Die Casting Elite Party







Shanghai<sup>1</sup> 1997-2020

Shenzhen 2021

Chongqing 2022

Hefei 2023





Review of 2025

(Nanjing, China, March 2025)

701 delegates participated in the congress



46 speakers and experts were invited to share their research results and latest technologies on hot topics



33 enterprises displayed their high-quality products and new achievements



14 excellent castings displayed, featuring advanced technology



**Xiong Shoumei** Vice President, FICMES, Professor, Tsinghua University



Dr. Steve Midson Research Professor. Colorado School of Mines



Han Qingyou Chief Professor, School of Mechanical Engeering, Southeast University



上海克急大學



**Some Participating Enterprises** 





















I A HONDA





东风汽车

Dr. Stuart Wiesner Head of R&D, Aluminium Rheinfelden Alloys GmbH



Shueiwan H. Juang Professor, National Taiwan Ocean University



Dr. Andreas Hennings Product Development Director Europe & Asia, Nemak Europe GmbH



Chaowalit Limmaneevichitr Senior Engineer, Zhejiang ZEEKR Vice President/Associate Professor, King Mongkut's University of Technology Thonburi



Shi Zhaoliang Chief Engineer Dongfeng Motor Corporation Research & Development Institute







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STÄUBLI



BÜHLER

长炉集团 CHANGEU GEO-

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**YIZUMI** 

MAGMA



IPG

ItalPresseGauss

**MAITIAN** 

BÖHLER



WACKER

FRECH



Mira Ren

Die-Casting Process Planning/

Automobile Research and

Development Co., Ltd.

Dr. Rahul Sharma Director, International Zinc Association (India)

\* Some Speakers at Die-Casting



**Excellent Casting** 



Product Display





































## Congress Agenda

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日期	时间	内容
March 25, 2026	09:00-18:00	On-site Registration
	14:00-18:00	Special Seminar Dialogue with Die-Casting CEOs Auto-Foundry Club Activity
March 26, 2026	09:00-09:30	Opening Ceremony
	09:30-12:00	Technical Session
	14:00-18:00	Technical Session  Themed Forum  Magnesium Alloy Forum  Mega-Casting Forum  Low-Pressure / Squeeze / Counter-Pressure Casting Forum
	17:00-18:20	Die Casting New Technology / Product Release
	09:00-18:30	Recommended Brand & Product Display, Excellent Casting Display
	18:30-20:30	Gala Dinner
March 27, 2026	09:00-12:00	Technical Session
	09:00-12:00	Recommended Brand & Product Display, Excellent Casting Display
	13:30-17:00	Factory & University Visit (book in advance)

<sup>\*</sup> The above is the preliminary agenda of the conference. Please refer to the final agenda.

#### **Global Activities for Die-Casting**





March 25-27, 2026

Wuhan, China

**May, 2026**Bangkok, Thailand



July 15-17, 2026 Shanghai, China





THE 76<sup>TH</sup> WORLD FOUNDRY CONGRESS

October 18-24, 2026

Istanbul, Türkiye



November 12-14, 2026

Yokohama, Japan

#### **Special Thanks to**

Die Casting Commission of the World Foundry Organization

Foundry Productivity Promotion Center

#### **Organizers**

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-organizers**

Zonzu Technology

Die-casting Weekly

Japan Keikinzoku Tsushin Al Co., Ltd.

**FOUNDRY** 

CHINA FOUNDRY

Special Casting & Nonferrous Alloys

#### **Supporters**

Dongfeng Electronic Technology Co., Ltd. Wuhan Branch

Voyah Automotive Technology Co., Ltd.

Guangdong Hongtu Wuhan Die-Casting Co., Ltd.

National Key Laboratory of Material Forming and Mold Technology

Wuhan University of Technology

Foundry Professional Committee of Hubei Mechanical Engineering Society

#### **Supported Media**

DIE-CASTING

ZHONG GUO YA ZHU

Die Casting Newspaper

Foundry-Suppliers.Com

Foundry-Planet GmbH

Intercontinental Foundry

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