



Beyond Technology

Casting What's Next

Automotive Lightweighting

Embodied Intelligence

Low-Altitude Aircraft

AI Compute



22nd CHINA
DIE CASTING
CONGRESS

The 22nd China Die Casting Congress

March 24-26, 2027

Guangzhou, China



www.diecastexpo.cn/en/congress



Photo Gallery



Beyond Technology Casting What's Next

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The 22nd China Die Casting Congress

China Die Casting Congress — Since 1997, Connecting the World

Over the past 30 years, die casting has been deeply rooted in automotive components, helping China become the world's largest automobile producer and consumer. Today, while still anchored in automotive, it is becoming a foundational technology for multiple strategic emerging industries. Magnesium alloy mass production is accelerating across the board. Embodied intelligence, low-altitude aircraft, and AI compute cooling modules—these emerging applications are redefining the technological boundaries and opening new cross-sector opportunities for die casting enterprises.

In 2027, China Die Casting Congress will be held on March 24-26 in Guangzhou, China. Under the theme of "Beyond Technology, Casting What's Next," it will gather global die casting professionals to push beyond boundaries.

ONE WORLD · ONE DIECASTING · ONE GRAND GATHERING

Why?

Guangzhou, China

Guangzhou, in southern China's Pearl River Delta, is where automotive, robotics, low-altitude aircraft, and 3C electronics industrial clusters converge. Dongguan, Foshan, and Shenzhen—all within a two-hour radius—form China's densest die casting ecosystem.

Spring 2027, Guangzhou — where die casting brings us together!



Explore · Connect · Engage · Experience More Than a Conference

1 EXPLORE Technical Sessions

One conference covering four major application areas: automotive, embodied intelligence, AI compute, and the low-altitude aircraft.

- **Themed Forum** — Global Die Casting Technology Development, Market Trends, and Industry Policy Interpretation
- **Magnesium Alloy Casting Forum**
- **3C Electronics & Emerging Applications Forum**
Consumer Electronics | Embodied Intelligence | Low-Altitude Aircraft | AI Compute
- **Mega-Casting Forum**
- **Low-Pressure / Squeeze / Counter-Pressure / Semi-Solid Forum**



2 CONNECT Brand, Product & Casting Display

A focused showcase of cutting-edge manufacturing — a direct look at what die casting is achieving today.

- **Brand & Product Display**
A dedicated "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 Castings Display**
Excellent castings will be displayed on-site at the conference, to showcase industry excellence and inspire technical innovation.
- **Industry-University-Research Exchange**
A dedicated Industry-University-Research Exchange zone will be set up, to promote in-depth cooperation and mutual growth.

3 ENGAGE Insight Dialogue

In-depth discussions on real challenges — come with questions, leave with direction.

- **Special Seminars**
Special Seminars will be held around hot topics in the industry, fostering in-depth professional discussions, intellectual exchange, and frontier technology sharing.
 - Die Casting Standards Seminar
 - Trial Training Session for Die Casting Technicians
- **Panel Discussion**
The Panel Discussion will gather end-user and Die Casting enterprises for dialogue on industry collaboration and technology implementation, and promote information exchange and resource matchmaking.

4 EXPERIENCE Work Visit



Gather End Users · Reach the World · Cast the Future

Four Clubs: Connecting with the Core User Community

Through four clubs — automotive, embodied intelligence, low-altitude aircraft, and AI compute, we connect end-user applications with die casting processes and foster tech-market exchange.

- **Auto-Foundry Club (Founded in 2021)**

Gathering leading OEMs and component giants including Tesla, Volvo, NIO, Li Auto, XPeng, Changan, BMW, Volkswagen, Dongfeng, GM, Chery, Leapmotor, ZEEKR, Schaeffler, and Magna to jointly explore the future of automotive lightweighting.

- **Embodied AI Metal Shaping Club (Founded in 2026)**

Gathering Huayan Robotics, Galbot, DEEP Robotics, UBTECH, LimX Dynamics, AGIBOT, ABB, CITIC Dicastal, Baowu Magnesium, and Shanghai Jiao Tong University and more industry & academic partners to explore lightweight metal forming for embodied intelligence.

- **AI Compute Cooling Club (Coming Soon)**

- **Low-Altitude Aircraft Metal Shaping Club (2026.11.29)**



One World, One Diecasting

With WFO, Access to Global Frontier Insights

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

Global Voices, Diverse Solutions

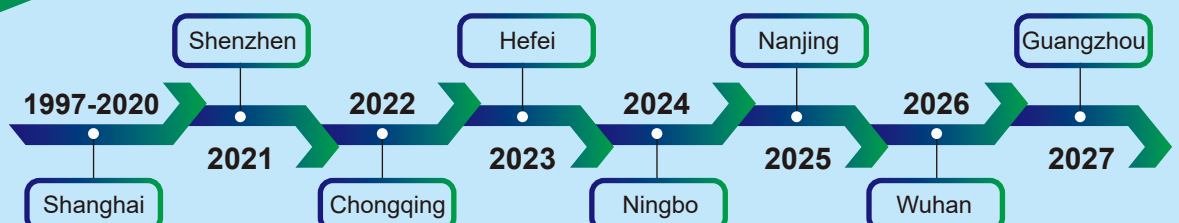
Experts from USA, Germany, Japan, Korea, and Southeast Asia will be invited to share die casting solutions under different industrial systems.

10+ Countries, One Global Stage

The last congress drew delegates from over 10 countries, including Japan, Korea, Thailand, USA, Germany, Italy, Switzerland, UK, France, Spain, Sweden, and Belgium —reflecting its growing global reach.

30 Years of Legacy A Landmark Die Casting Event

Since 1997, our 30 years of industry dedication have built extensive industrial resources and academic expertise. As a professional conference with deep heritage and extensive industry influence, we offer not only an industry gathering, but also a time-tested, forward-looking dialogue.



Review of 2026

(Wuhan, China, March 2026)

Review of 2026



763 delegates participated in the congress



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



42 enterprises displayed their specific high-quality products and new achievements



25% international presentations

Theme Workshops

Excellent Casting Display

Recommended Brand & Product Display

Some Participating Enterprises



Xiong Shoumei

Vice President, FICMES,
Professor, Tsinghua University



Zeng Xiaoqin

Vice President/Professor,
Shanghai Jiao Tong
University



Wan Li

Deputy General Manager/Dean of
Research Institute/Professor-level
Senior Engineer, Guangdong Hongtu
Technology (Holdings) Co., Ltd.



Anders E. W. Jarfors

Professor,
Jonkoping University



Young Jin, Ko

President,
Korea Diecasting Society



Lu Hongyuan

General Consultant - Technology
& Sales/Professor, Bühler (China)
Machinery Manufacturing Co., Ltd.



Wang Zhigang

Chief Engineer,
Huawei Technologies Co., Ltd.



Zhao Haidong

Professor, South China
University of Technology



Sajjad Amirkhanlou

Founder & CEO,
MetalNx



Martin Tauber

Representative, International
Magnesium Association (IMA)



Jost Gaertner

Managing Partner,
ALUMAG®



Wu Mengwu

Professor, Wuhan University
of Technology



Anwar Hameaux Hamasaid

R&D Project Lead,
ROVALMA S.A.



Pan Fei

Factory Director/Senior
Engineer, XPeng Motors



Liu Libing

Smart Manufacturing Engineer,
Xiaomi Automobile Co., Ltd.

Scan to Register



Congress Agenda

Date	Time	Type
March 24, 2027	13:00-18:00	On-site Registration
	14:00-18:00	- Special Seminars - Die Casting Standards Seminar - Offline Trial Training Session for Die Casting Technicians
	14:00-18:00	Brand & Product Display, Excellent Casting Display
March 25, 2027	09:00-09:30	Opening Ceremony
	09:30-12:00	Technical Session
	14:00-18:00	- Magnesium Alloy Die Casting Forum 3C Electronics and Emerging Applications Forum - Mega-Casting Forum - Low-Pressure / Squeeze / Counter-Pressure / Semi-Solid Forum
	17:00-18:20	Die Casting New Technology / Product Release
	09:00-18:30	Brand & Product Display, Excellent Casting Display
	18:30-20:30	Gala Dinner
March 26, 2027	09:00-12:00	Technical Session
	09:00-12:00	Brand & Product Display, Excellent Casting Display
	13:30-17:00	Work Visit (Advanced Booking Required)

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

Global Die Casting Events



Asia-Pacific Metal Forming
Tech & China Foundry Congress

2026.11.28-30
Shenzhen, China



The 22nd
China Die Casting Congress

2027.3.24-26
Guangzhou, China



2027 SEA (Thailand) Die Casting
Conference & Exhibition

2027.5.26-28
Chonburi, Thailand



CHINA DIECASTING &
CHINA NONFERROUS

2027.7.14-16
Shanghai, China

Guiding Organizations

Die Casting Commission of the World Foundry
Organization (WFO)

Foundry Institution of Chinese Mechanical Engineering
Society (FICMES)

Host

China Foundry Productivity Promotion Center

Organizer

Shenyang Zhongzhu Foundry Productivity Promotion
Center Co., Ltd.

State Key Laboratory of Advanced Casting Technologies

Public Service Platform for Industrialization of Innovative
Achievements

Co-organizers

Zonzu Technology

Die-casting Weekly

Japan Keikinzoku Tsushin AI Co., Ltd.

National Technical Committee 54 on Foundry of
Standardization Administration of China (SAC/TC54)

Foundry and Die Casting Institution of Guangdong
Mechanical Engineering Society

Supporters

Guangdong Hongtu Technology (Holdings) Co., Ltd.

XPeng Inc.

Guangzhou Die and Mould Manufacturing Co., Ltd.

Guangzhou Hede Intelligent Equipment Manufacturing
Co., Ltd.

Yizumi Holdings Co., Ltd.

Contact for Registration

Ms. You Yi / Mr. Yang Jingzhen

+86 024-25851598 / +86 024-25852311-296

youyi@foundrynations.com

yjzh@foundrynations.com

Contact for Sponsorship

Ms. Gillian Li

+86 024-25851598

lmt@foundrynations.com

Contact for Media Cooperation

Ms. Feng Zexu

+86 024-25850105

fengzexu@foundrynations.com