



强基铸造未来
CASTING FUTURE FOR ALL

2022 CHINA FOUNDRY CONGRESS

Concurrent Conference:
The 13th China Foundry Quality & Standard Forum

November | Fuzhou, China

www.foundrynations.com/huodongzhou



CHINA FOUNDRY CONGRESS

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About the Congress



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The first China Foundry Congress was held in 2000. More than 20 years later, it has developed into a comprehensive service platform and yearly festival for Chinese foundry industry integrating academic discussion, technical exchange, corporate management and practice, science and technology achievement presentation, recognition and awards, domestic and international exchange as well as economic and trade cooperation. Each year the congress gathers industry experts, including academicians and professors from various universities and research institutions, corporate technicians and managers, to show and exchange their research results and progress.



Technological Progress and Coordinated Development of Foundry Industry under the "Dual Carbon" Goal



To deal with global warming, environmental pollution and other issues related to human survival and development, all industries over the world have reached a consensus to develop in a more green and low-carbon way. For China, the government has proposed a carbon reduction strategy in 2020: to "peak carbon dioxide emissions" before 2030 and to achieve "carbon neutrality" before 2060. "Dual Carbon" brings both challenges and opportunities to the foundry industry which is labelled with high energy consumption and high pollution.

Themed by "technological progress and coordinated development of foundry industry under the Dual Carbon goal", China Foundry Congress 2022 on basis of the common demands of SMEs, will gather foundry professionals and provide delegates with high-value content including policy analysis, advanced technology, market demand analysis, practice sharing, talents training etc. in way of speeches, bizmatching, expert Q&A, display, club.

Forum Theme: Application and Standardization of High Quality Molding Materials

The implementation of the green environmental protection policy and "Dual Carbon" strategy has brought more opportunity and challenge to foundry molding materials. In order to promote the sustainable and high-quality development of the industry, "The 13th China Foundry Quality & Standard Forum" has been originally scheduled for April, 2022. In view of the pandemic on the first half year, the conference has been postponed and will be held at the same time with China Foundry Congress 2022 at the same venue.



Conference Agenda

Work Meetings

- Standards Review Conference
- Panel Discussion on Development and Standardization Planning of Molding Materials Industry

Speeches

Onsite Activities:

- Cost Management and Control Sharing
- Recommended Brands & Products Display



Recognition & Awards



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In recognition of foundrymen who have made major breakthroughs in modern foundry science and technology, or made a great contribution to the development of foundry industry, FICMES organizes diversified commendation activities every year to encourage positive academic and technical exchanges, conclude achievements during research and production, disseminate advanced theories and experiences, and promote the improvement of scientific research and production technology level of Chinese foundry. And the honor will be granted to winners at the 2022 China Foundry Congress.



- ✓ The Outstanding Scientific and Technological Workers of Foundry Industry
- ✓ Appointment of Technical Experts of Foundry Institution of Chinese Mechanical Engineering Society (FICMES)
- ✓ National Outstanding Contributor to Foundry Education and Training
- ✓ Outstanding Contributor to Group Standards of Chinese Mechanical Engineering Society
- ✓ National Excellent Media Worker for Foundry Industry
- ✓ MEICC: Casting Process Design Competition Excellent Organization Unit Awarding Ceremony
- ✓ Commendation Ceremony for Outstanding Members of Foundry Institution of Chinese Mechanical Engineering Society
- ✓ Innovative Foundry Technologies and Products
- ✓ Thanks to Excellent Partners of China Foundry Congress
- ✓ National Foundry Industry Photography Competition Awarding Ceremony
-



Plenary Session Focusing on Industry Policy, Trend and Market

- ◆ Influence of "Dual Carbon" goal on foundry industry
- ◆ Opportunities and challenges of foundry industry from the perspective of clients
- ◆ Standardization guides and promotes high-quality development of foundry industry
- ◆ Development and application of high entropy alloy

Forum on Advanced Technology and Innovative Application of Nonferrous Alloy and Special Casting

- ◆ Development of high-performance cast Al/Mg/Ti/Cu/ superalloy, etc.
- ◆ Optimization of special casting process (investment, high-pressure, squeeze, expendable pattern, semisolid casting, etc.)
- ◆ Development of rapid prototyping equipment with high reliability
- ◆ Casting defect prediction and control
-



Forum on Advanced Technology and Innovative Application of Cast Steel

- ◆ Cast steel smelting and purification
- ◆ New cast alloy steel
- ◆ Intelligent equipment and highly flexible detection equipment
- ◆ Simulation and digital management of the whole casting process
- ◆ New technology of special cast steel production
- ◆ Forming technology of hundred-ton large steel castings
-

Forum on Advanced Technology and Innovative Application of Cast Iron

- ◆ High-performance cast iron materials and processes
- ◆ Casting quality management and control technology
- ◆ Construction of casting materials and processes database
- ◆ Key technology and equipment of digital green cast iron production
- ◆ Design and manufacture of high-end castings for aerospace, nuclear power, military project, industry gas turbine, etc.
-

BizMatching with European Companies on Advanced Foundry Technology

European industry organizations, foundry experts, representatives of typical enterprises will be invited to share their latest technological development and application. An exhibition special for European brands will also be held onsite.

BizMatching with Foundry Industrial Park



Exchange with Casting Purchasers



BizMatching with University on Scientific Research Achievements and Talent Training





Onsite Activities

Interact with Experts and Spark New Ideas



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Theme Workshop

Auto-foundry Club
Activities(Fuzhou)



Expert Q&A

Solution and Analysis
of Casting Defects



Theme Workshop

Cost Management
and Control Sharing

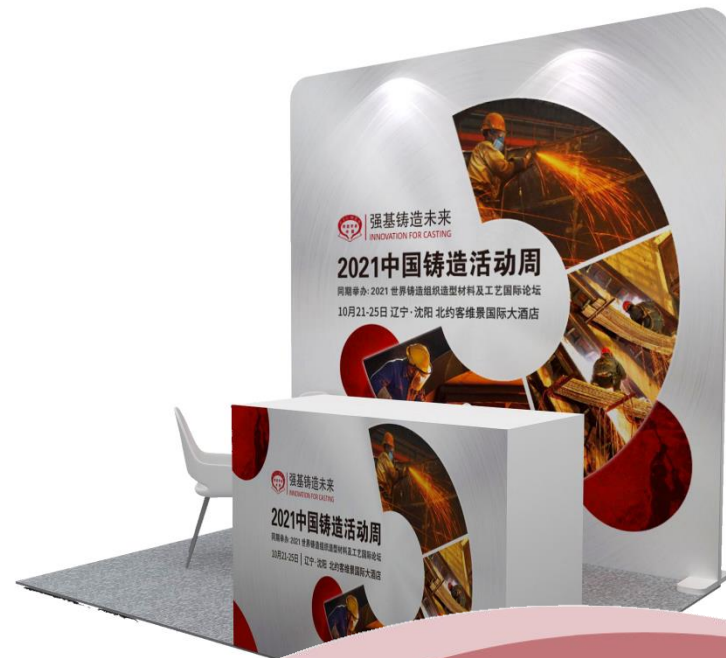


Onsite Activities

Recommended Brands & Products Display



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*Above are part of exhibitors displaying at the congress before.



Onsite Activities

Social Activities to Expand Network



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Elite Party



Reception Dinner



Factory Visit

Delegates **600+**

**Foundry Factories
and Purchasers**

35%

Solution Providers

23%

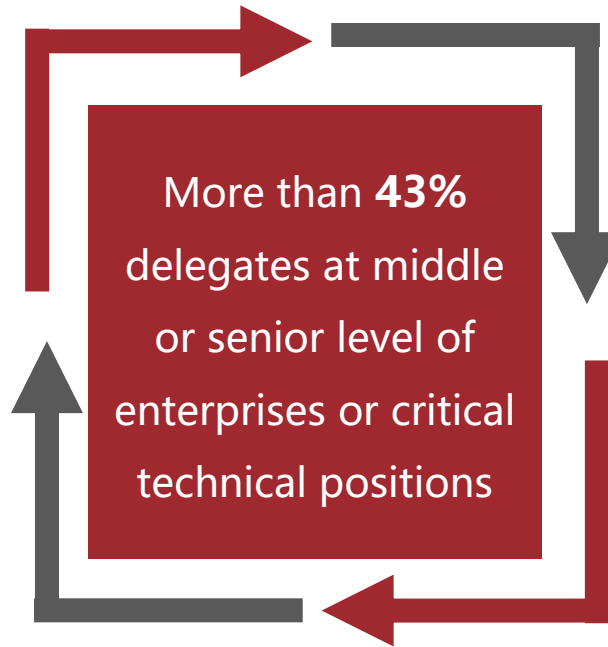
Foundry materials, equipment,
3D printing, molds, software,
detection instruments, etc.

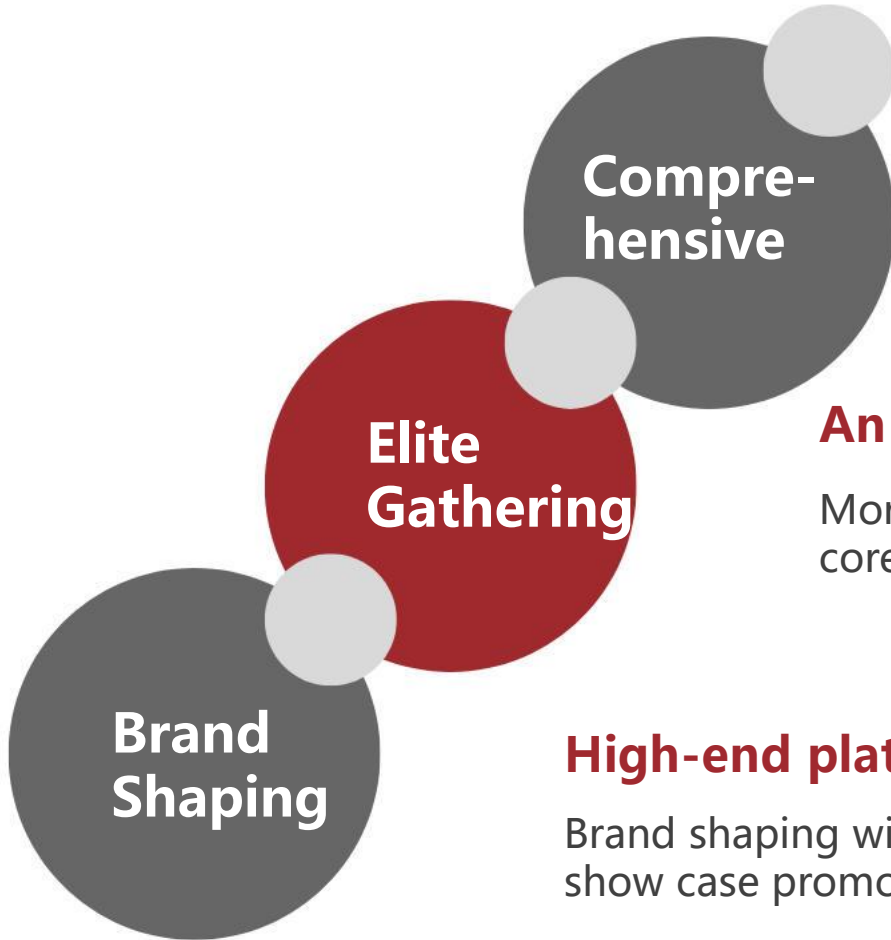
**Universities and Scientific
Research Institutes**

31%

**Industry Organizations
and Media**

11%





Wide promotion through multiple media channels

SMS, magazine, EDM, website, WeChat and other channels of organizers and supporters.

An industrial event highly valued by decision-makers

More than 40% of the delegates are decision-maker or core technology researchers of company.

High-end platform supports enterprise to promote brand

Brand shaping will benefit from LOGO display, advertising display, show case promotion, etc. for target business cooperation.



Brand Promotion



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Multiple Publicity Channels



20000+ WeChat Followers



Reports on Multiple Websites
100000+ Email Database



20000+ Circulation

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Sponsors

Chinese Mechanical Engineering Society

China Foundry Productivity Promotion Center

Organizers

Foundry Institution of Chinese Mechanical Engineering Society

Shenyang Zhongzhu Foundry Productivity Promotion Center Co., Ltd.

Public Service Platform for the Industrialization of Innovative
Achievements in Equipment Key Part Casting

Joint Organizer

State Key Laboratory of Light Alloy Casting Technology for High-
end Equipment

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