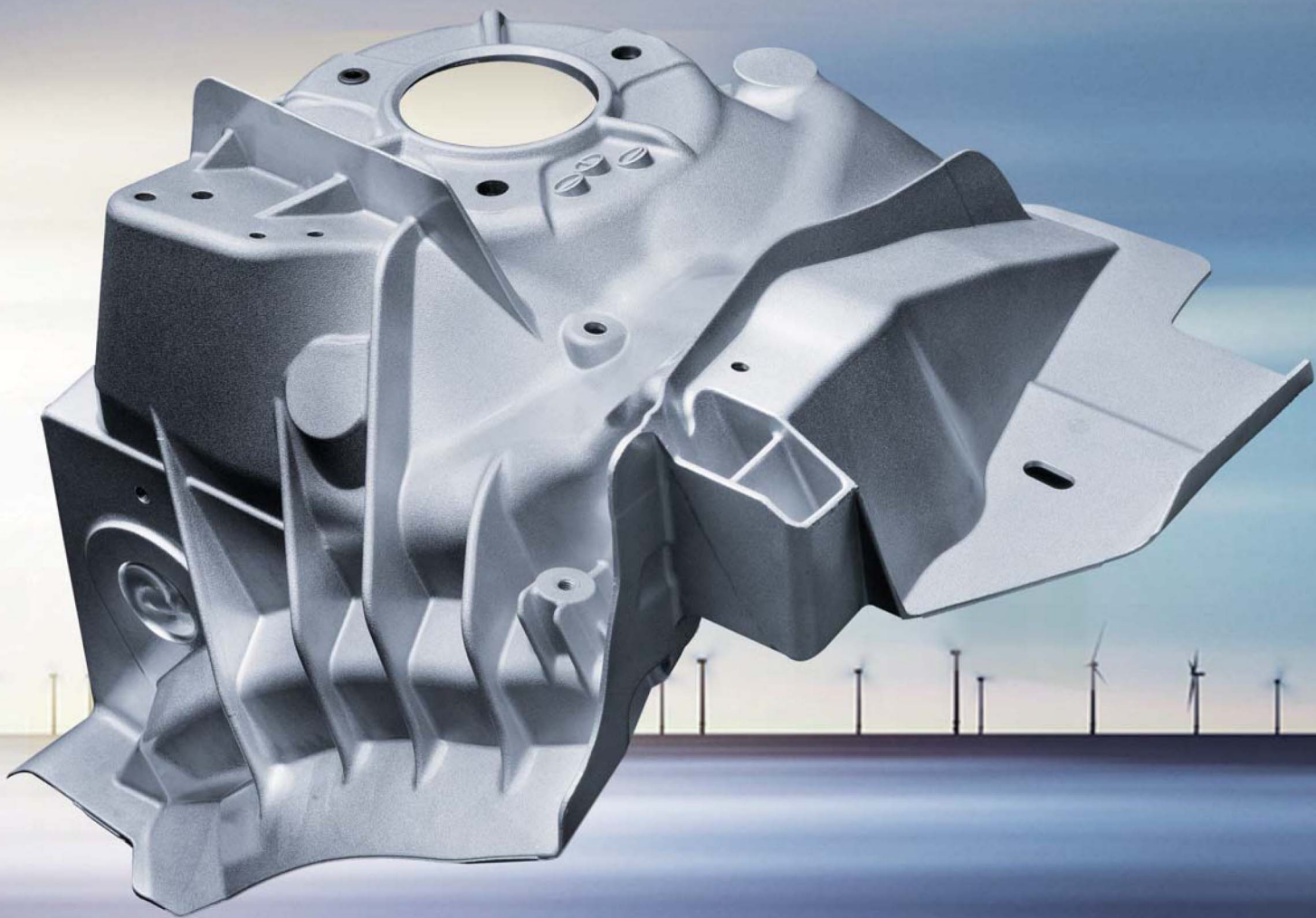




CHINA DIECASTING
China International Diecasting Congress & Exhibition



CHINA NONFERROUS
China Nonferrous Alloys & Special Casting Exhibition



2019 Post Show Report



NÜRNBERG / MESSE



Follow CID
on WeChat



Follow CNF
on WeChat

Contents

- 01 2019 Related Statistics
- 02 Exhibitor Analysis
- 03 Trade Visitors Analysis
- 04 The 14th China International Diecasting Congress
The 5th International Symposium on Nonferrous
Alloys & Special Casting Technologies
- 05 Industry Prospect
- 06 Sino-Foreign Exchange
- 07 Innovation & Incubation
- 08 Nonferrous alloy casting industry chain display
- 09 Professional Service
- 10 3 Featured Display Areas
- 11 Industry Honor





2019 Related Statistics

-  **36,000** m² Exhibition Area
-  **451** Exhibitors from **18** Countries/Regions with **9%** YoY Growth and **22%** Foreign Exhibitors
-  **18,671** Trade Visitors from **47** Countries/Regions with **15%** YoY Growth
-  **7** Theme Day Events  **3** Featured Display Areas  **2** Major Overseas Pavilions

Guests Attending the Opening Ceremony

Mr. Lou Yanchun, the president of FICMES, and president of Shenyang Research Institute of Foundry Co., Ltd.
 Mr. Rolf Keller, board member of NürnbergMesse GmbH
 Mr. Takashima Ueshima, the president of Japan Keikinzoku Tsushin AI Co., Ltd.
 Dr. Christine Althausen, Consul General of the Federal Republic of Germany in Shanghai
 Ms. Lin Minyu, investment consul of the Malaysian Consulate General in Shanghai
 Mr. Timo Wurz, secretary-general of the European Foundry Equipment Suppliers Association (CEMAFON)
 Mr. CHU DUC KHAI the president of Vietnam Foundry and Metallurgy Science and Technology Association
 Mr. Zhang Xiaoyan, secretary-general of Ningbo Die & Mould Industry Association



Exhibitor Analysis

The exhibition attracted 451 exhibitors from 18 countries and regions with 9% YoY Growth. Many well-known enterprises and key-players in the industry gathered here to showcase their new products, technologies and applications for the first time.

Exhibitor Category



- 16% Die casting parts
- 14% Automation and peripheral equipment
- 11% Melting furnace
- 10% Raw/Auxiliary materials
- 9% Accessories
- 8% Surface treatment
- 8% Die casting die
- 5% Die casting machine
- 5% Testing equipment and services
- 5% Environmental protection equipment and services
- 3% Low pressure, gravity, extrusion casting
- 2% Software and digital management
- 2% Mechanical processing equipment and services
- 2% Industry service

22% Foreign Exhibitors

Exhibitors came from 18 countries and regions including China, Germany, Austria, Canada, Czech Republic, Denmark, France, Italy, Japan, Korea, Latvia, Spain, Sweden, Switzerland, United Kingdom, United States, Hong Kong (China), Taiwan (China).

Overseas Exhibitor Analysis

31% Japan	3% U.K.	1% Latvia
22% Germany	3% France	1% Korea
9% U.S.	2% Taiwan (china)	1% Czech Republic
9% Italy	2% Spain	1% Canada
6% Switzerland	2% Denmark	1% Austria
4% Sweden	1% Hong Kong (china)	



Exhibitor Satisfaction



95%

Exhibitors consider that the service quality was good or excellent.



93%

Exhibitors will still participate in CHINA DIECASTING 2020.



91%

Exhibitors were satisfied with the quality of trade visitors.



90%

Exhibitors were satisfied with the quantity of trade visitors.



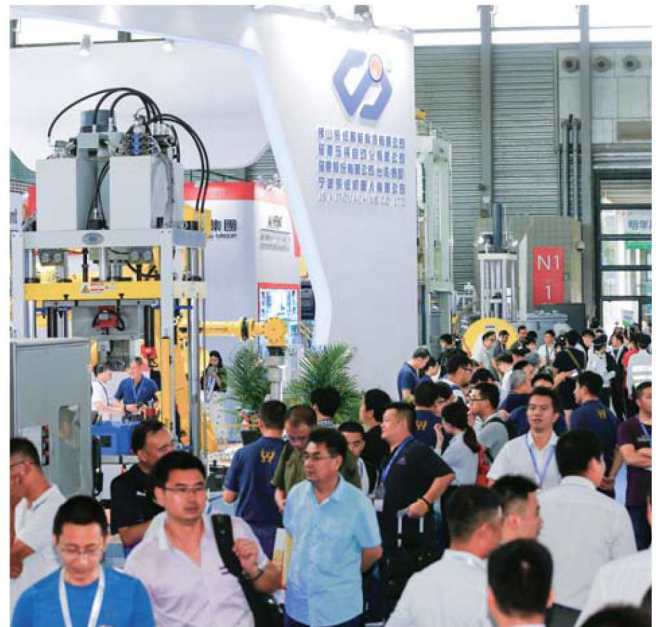
88%

Exhibitors gave high assessments to the onsite events.

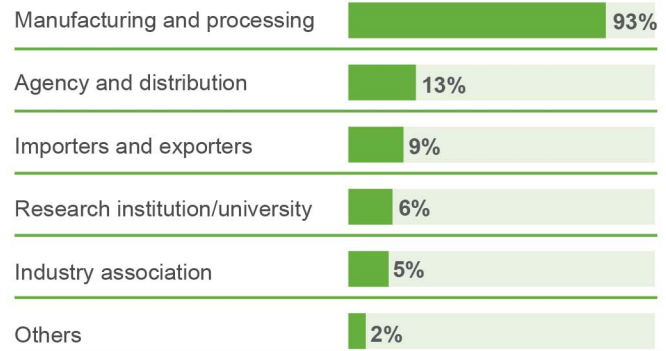


Trade Visitors Analysis

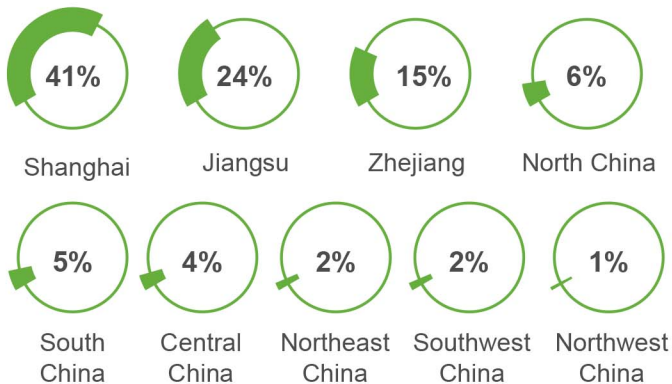
Industries of Visitors



Business Type of Visitors (Multiple Answers)



Distribution of Domestic Visitors

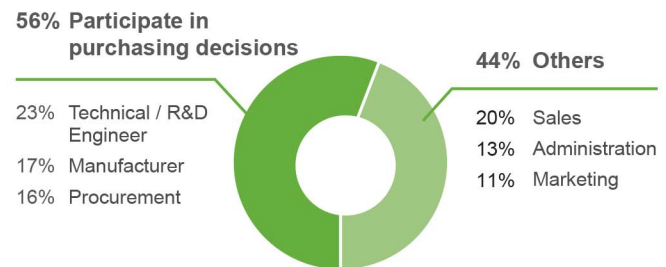


Overseas Visitors (TOP10 Countries and Regions)

with 34% YoY Growth



Job Functions of Visitors





Level of Visitors

75% Middle and senior managers

16% Business owner/director
22% Top management
37% Middle management

25% Staff



Visit Purpose (Multiple Answers)



- 44% Equipment, product procurement
- 37% Collect market / product information
- 29% Find a product supplier / partner
- 28% Market research
- 20% Meet with suppliers
- 1% Others

Premium Service Card (PSC Plan)

PSC Plan is a high-end customized service plan provided by CHINA DIECASTING / CHINA NONFERROUS for important trade visitors from the aerospace, automotive, tele-communications, electronics and other application-oriented manufacturing enterprises with decision-making rights in procurement or relevant positions. Since the launch of the program, 881 high-end professional visitors have successfully passed the audit and visited the site.

Trade Visitor Delegations

The exhibition attracted 106 professional visitor delegations, a total of 638 end users from relevant global automotive, electronics, communications, medical, hardware and other industries came to look for die casting products.



*More visitor delegations were invited





The 14th China International Diecasting Congress The 5th International Symposium on Nonferrous Alloys & Special Casting Technologies

During July 15-16, 2019, the event hosted by Chinese Mechanical Engineering Society, Die Casting Commission of the World Foundry Organization, Nonferrous Alloys Commission of the World Foundry Organization, Foundry Productivity Promotion Center, State Key Laboratory of Light Alloy Casting Technology for High-end Equipment, Shanghai Spaceflight Precision Machinery Institute was successfully held in Shanghai.

During the two-day conference, a total of 36 experts and scholars from universities, national key laboratories, and well-known domestic and foreign companies brought wonderful reports and shared their research and application results. High internationalization of the conference presented report of both technical frontiers and hotspots in relevant fields, as well as analysis of future development trends. The two-day conference attracted more than 200 professionals, the participants were impressed by warm meeting atmosphere, professional host and comment, and splendid interaction part with speakers.



Su Yanqing, Harbin Institute of Technology



Xiong Shoumei, Tsinghua University



Lu Hongyuan, Buhler (China) Machinery Manufacturing Company



Wang Jianfeng, China Science Lab, General Motors Global Research and Development



Andreas Kant, Costamp Group-HPDC



Harris Li, EOS Electro Optical Systems (Shanghai) Co., Ltd.



Du Hang, Jinan AnyCasting Software Co., Ltd.



Liu Haifeng, CITIC Dicastal CO., Ltd.



Zhou Jianxin, Huazhong University of Science and Technology



Zhang Hai, Institute of High Performance Metal Structural Materials Soochow University



Li Baohui, Shanghai Spaceflight Precision Machinery Institute



Wang Fude, Capital Aerospace Machinery Corporation Limited



Nolan Corazza, Itaipresse Gauss



Luo Jixiang, Wuhan University of Technology Guangzhou Kinbang Liquid Forging Technology Co., Ltd.



Nan Hai, Aero Engine Corporation of China (AECC)-Beijing Institute of Aeronautical Materials (BIAM)



Sun Jianfei, Harbin Institute of Technology



Dong Anping, Shanghai Jiao Tong University



Liu Qiming, MAGMA Engineering (Suzhou) Co., Ltd, Suzhou, P.R. China



Wu Changsong, Chongqing Changjiang River Moulding Material (Group) Co., Ltd.



Zhou Zhongbo, Xi'an SuperCrystal Science & Technology Development Co., Ltd



Jiao Xiangyi, Tsinghua University



Amezawa Hiroki, Toshiba Machine Co., Ltd.



Zou Zhihou, Fondarex China



Kenichi Shimizu, Tofco Corporation



Toshihiro Kaneo, Tokyo Boeki Techno-System Ltd.



Alexander Marks, Oskar Frech GmbH + Co. KG



Zhou Wenke, Hitachi (China) Research & Development Corporation



Sasaki Hideto, MINO Industry Co., Ltd.



Qu Lihuan, PSB Engineering (Suzhou) Co., Ltd. (FLOW-3D)



Rüdiger Franke, Aluminium Rheinfelden GmbH



Fan Zhenzhong, AECC Beijing Institute of Aeronautical Materials (AECC BIAM)



Su Y. Lim, AGS (Suzhou) Co., Ltd.



Norbert Hort, Helmholtz-Zentrum Geesthacht



Zhang Fan, GRIMAT Engineering Institute Co., Ltd.



Huang Yuanding, Helmholtz-Zentrum Geesthacht



Liu Chaofeng, Tsinghua University

Five Highlights of Exhibition

Industry
Prospect

Sino-Foreign
Exchanges

Innovation
and
Incubation

Nonferrous
Alloy Casting
Full Industry
Chain Display

Professional
Service

1

Industry Prospect

Focus on global frontier - Exploration of possible multi-applications for die casting products



◆ Manufacturing Technology of Die Casting Structural Parts Display

Higher requirements were proposed by more complex, thin walling parts in the entire die casting industry. High-end die casting structural parts is becoming more popular among automotive industry and others. The theme of this edition focuses on "Development and Diversity of High-end Die Casting Manufacturing Technology". The theme display area of die-casting structural parts manufacturing technology gathers advanced technologies and equipments, the leading ALWAYS U5 white body gave its first appearance in this exhibition.

At the same time, the customized "Journey of Manufacturing Die Casting Structural Parts", presented more than 10 sessions of leading production process and several industrial chains of die casting structural parts, which greatly increases the interaction opportunities between exhibitors and visitors, with more visual products and technologies.

The first release of "White Paper on Manufacturing Technology of Die Casting Structural Parts" in the exhibition combines the development trend of die-casting structural parts at home and abroad, collects global advanced manufacturing technologies, integrates high-quality suppliers and catalogues of manufacturing companies, and provides market and technical reference for the industry.

◆ Auto-Tech Day – Automotive Lightweight Development Forum 2019

Key-players in the industry, such as: AluMag, ALWAYS, GM, Qiantu Motor, GF, Imoovite, Sciveda made 7 speeches, focusing on the industry trends of "lightweight, electric, and intelligent" of automobiles. the forum jointly discussed and demonstrated hot topics such as the development of new energy aluminum body castings and casting requirements, new energy and automotive lightweight demand solutions.



2/ Sino-Foreign Exchanges

FICMES cooperates with NürnbergMesse China Co., Ltd. and Japan Keikinzoku Tsushin AI Co., Ltd. to create a global service network for nonferrous alloys and special casting industries, and further provide a high-quality platform for technical exchanges between China and foreign countries.

● Overseas Market Day – Southeast Asian & Indian Die Casting Development Forum

The organizers teamed up with SEADCA, VFMSTA, ALUCAST, invited 4 global experts to present their speeches on the development technology and market investment strategies in Southeast Asia and India to jointly create a Tripartite collaborating platform.

● Overseas Market Day – Sino-Foreign Die Casting Development Forum 2019

The organizers worked together with SPOTLIGHTMETAL, Foundry Planet and Giesserei-Praxis to invite well-known European entrepreneurs and experts in the industry to share the latest developments in the European die casting industry through seven reports. Mr. Lu Min, General Manager of Bühler China, had a deep discussion with other experts such as: Dr. Franz-Josef Wöstmann from IFAM, in regard to advanced technologies, e.g. industrial 4.0, 5G, 3D printing and digitization. High-quality speeches had attracted a plenty of professional audiences.

● EUROGUSS Pavilion

NürnbergMesse GmbH brought EUROGUSS die casting exhibitors to China for the first time, including Schaufler Tooling, Pfeiffer Vacuum, Piller Entgrattechnik GmbH, Atherm Thermal Solutions, DERNS MOULD, COPROMEC, Fisa, Akron Baltic SIA, Roth Hydraulics, EKW GmbH and other well-known European die casting enterprises.



● Japan Pavilion

Japan Keikinzoku Tsushin AI Co. brought nearly 20 famous Japanese die-casting companies appeared at the exhibition with an area of nearly 600 square meters. It showcased the latest die casting technologies and products in Japan today, including Shanghai Toshiba Machine Co., Ltd., Toyo Machinery & Metal Co., Ltd., Yutaka Electronics (SH) Co., Ltd., Shoei Industrial Heating Equipment Shanghai Co., Ltd., NIKKEI MC ALUMINUM (Kunshan) Co., Ltd., TOKAI CORPORATION, Hishinuma (Hongkong) Ltd., Chuo Hatsumei Institute Co., Ltd., Minerals Ease Tianjin Co., Ltd., NAMBU CYL. (Changzhou) Co., Ltd., TOKYO BOEKI TECHNO-SYSTEM LTD., Asahi Sunac Corporation, Sanmei Mechanical Suzhou Co., Ltd. and other well-known Japanese die casting enterprise.

3/ Innovation and Incubation

Well-organized and planned new industry technologies and products releasing conferences, aiming at, encouraging original technologies and supporting to startup SMEs.

● Innovation Day – Release Conference-Innovative Products & Technologies

As the annual brandname awarding event among die casting industry in China, "Release Conference - Innovative Products & Technologies 2019" was jointly organized with "Die-Casting Weekly" media. 13 companies were elected by the expert jury committee, and won the title of "Technology Innovation in Die Casting Industry in 2019" and was invited to the on-site conference to give their presentations, sharing the cutting-edge innovations and technologies, with industry promotion and development.

● "Wings of Hope" Area for Startups

For the startup SMEs in die casting industry, the "Wings of Hope" Area for Startups was designed in assistance of achievements for rising star and in promotion the development of the industry. 8 companies were attracted for their first appearance to the exhibition.



Nonferrous Alloy Casting Full Industry Chain Display

Display of research results of nonferrous alloy casting, Creation of the most influential business platform.

● Nonferrous Alloys & Application Forum – Semi-Solid Metal Casting Technology Development Forum

The forum is supported by "CHINA DIE-CASTING" magazine, invited seven remarkable speeches presenting focused analysis of advanced semi-solid casting process and technology from domestic and abroad, which has further elevated the recognition of this technology in China and promoted its application. With great support from Jiangling Rheocomp Machinery Co., Ltd., other leading manufacturers in this category, such as: Fujian Kinrui Hi-Tech Co., Ltd., Shenzhen Silver Basis Technology Co., Ltd. Joined this forum, and the hot topics heated the atmosphere of the audience.

● Nonferrous Alloys & Application Forum – Advanced Magnesium Alloy Technology and Application Forum

With supported from SAC/TC54 and Shenzhen DZ-United Technology Co., Ltd., the forum invited technical experts and application engineers from FLOW-3D China/PSB, Henan Jinnaiyuan, BIAM and Magnaflux to deliver advanced case studies, scientific research results, user feedback and experience. It had thoroughly discussed technologies in surface detection of magnesium alloy die castings, the application status and future development trend of magnesium alloys.

● Industry study and research topics - The 5th China Foundry Scientific and Technological Achievements Fair

Seven scientific research units were invited to give academic speeches on automotive lightweight, application of 3D printing and high-performance casting process optimization, which enabled the units and enterprises to carry out in-depth and effective cooperation and promote the industrialization of the results.

● Mold Manufacturing Day – Die Casting Mould & Die Manufacturing Summit Forum 2019

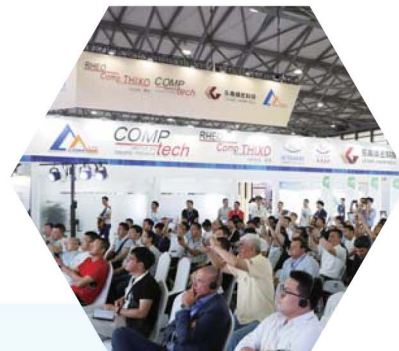
A total of 8 reports, through the case sharing method, to explore the issue of high-quality die-casting mold solutions, to guide and promote the development of the die-casting industry in the direction of green, intelligent and innovative.

● Semi-Solid Die Casting Pavilion

Jiangling county of Fujian province has been titled as "China Light Alloy Semi-Solid Industrial Base", invited by Jiangling Rheocomp Machinery Co., Ltd., other leading manufacturers joined this exhibition group, including: Comptech AB, Comptech Casting (Suzhou) Co Ltd, Fujian Kinrui Hi-Tech Co., Ltd., and Lego Precision Technology (Dalian) Co., Ltd. showcased advanced semi-solid production technologies.

● Squeeze Casting Pavilion

Special Casting & Nonferrous Alloys teamed up with Guangzhou Hede Lightweight Forming Technology Co., Ltd., Dalian Innovation Die-casting Co., Ltd., Hefei Yihui Light Alloy Technology Co., Ltd., Harbin Jixing Mechanical Engineering Co., Ltd., Zhu Hai Runxingtai Electrical Equipment Co., Ltd., Guangzhou Kinbon Liquid Die Forging Technology Co., Ltd., and other extrusion enterprises to collectively appear at the CHINA DIECASTING 2019.



Professional Service

Focus on high-end communication platform for professionals in the non-ferrous alloy foundry industry.

● Exhibitors

Innovation service: Specialized exhibitor services are further enhanced to provide exhibitors with innovative advice and marketing solutions.

Promotional customization: According to the nature of different companies and product features, plan the best program, provide a full range of magazines, online, WeChat publicity and exposure opportunities.

Carefree participation: Provide professional advice from the theme of the exhibition and the confirmation of the project to the pre-exhibition customer invitation process, supplemented by effective exhibitor service tools

● Visitors

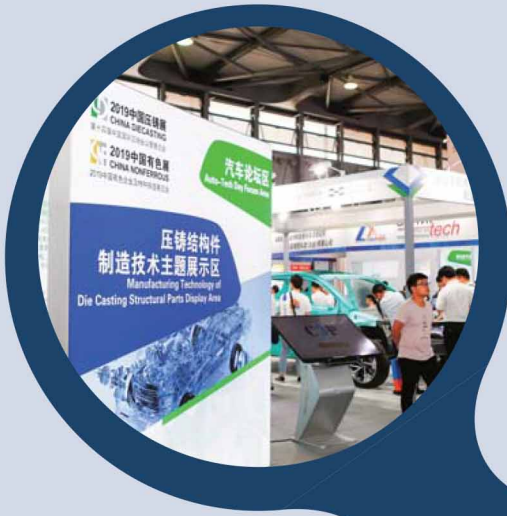
High-end: Launched the "PSC Plan" for important trade visitors to the exhibition, breaking through the traditional exhibition service concept and providing customized services according to customer needs.

Comfortness: Provide one-stop exhibition service for more professional groups at home and abroad to enhance the viewing experience.

Convenience: online audience service is launched to answer the questions from visitors, meanwhile it allows visitors to know the highlight of the exhibition through: show preview, WeChat, and preview in official website and plan their visit in advance.

Value: Display of nonferrous alloy casting full industry chain: 7 Theme Day Events, 3 Featured Display Areas, 10 Concurrent Congresses, "one-stop professional procurement and knowledge platform" for professionals.

3 Theme Display Areas



● Manufacturing Technology of Die Casting Structural Parts Display Area

In order to further promote the development of die-casting technology, a theme section "Manufacturing Technology of Die Casting Structural Parts Display Area" was set up in CHINA DIECASTING, showed the advanced technology and equipment involved in the whole manufacturing process of die casting technology with graphics and descriptions. Well-known enterprises including: DGS, UBE, Sciveda showcased their structural die casting parts and the first appearance of AIWAYS U5 white carbody, attracted a large number of professionals.

26 exhibitors participated customized theme visiting route, presenting 18 speech in their booths focusing on the production process of die-cast structural components throughout the industry. At the same time, the "White Paper on Die Casting Structural Manufacturing Technology" was also strongly supported by the Special Expert Group. The theme display area aims to create a one-stop display platform for China's die casting industry through the production and manufacturing process of structural parts, with a network of the latest technologies and production processes.

● Best Die Casting Competitions & Display

This year's competition attracted 105 castings from 57 companies and joined display. The activity aims to collect and display the annual die-casting products, exchange advanced die-casting technology at home and abroad, promote the exchange development of China's die-casting industry, and lead the innovation of local die-casting enterprises. After the organizer invited the industry's authoritative experts to conduct on-site evaluation, the final selection of the most representative "golden castings / molds" 6 pieces, "excellent die castings / molds" 18, the award-winning products were displayed on the spot. On the evening of the selection, the "China Diecasting International Elite Party" held a grand award ceremony, awarded the trophy and award certificate to the winners, and displayed the "Gold Award Casting" on the spot.

The gold-winning castings will be exhibited for the first time at the 2019 METAL AP Asia Pacific Metal Show and the 2020 EUROGUSS to promote technical exchanges at home and abroad and attract global buyers.

● Japan Die Casting Parts Display

This year's CHINA DIECASTING China Die Casting Exhibition, the Japanese pavilion teamed up to unveil, specially set up "Japan Die Casting Parts Display", more than 150 pieces of fine castings to showcase the high-end die-casting technology level in Japan for the industry to observe and exchange.

Industry Honor

During the dinner of the "China Diecasting International Elite Party", the "Gold Award Castings and Moulds", "Excellent Castings and Moulds" and "2019 Die Casting Industry Innovation Technology" awarding activities were held for high-quality castings and innovative products and technologies.

At the same time, we thanked the partners who have given the support to the exhibition with "Acknowledgment Co-organizers", "Acknowledgment Partners" and "Special Contribution Awards". During the dinner, the FICMES and the Productivity Promotion Center of Foundry Industry of China held a "Special Appointment Expert Appointment Ceremony" to serve the industry with experts and promote the development and technological progress of the die casting industry.



Voice of Exhibitors



Bühler China

This is the 22nd year that Bühler joined hands with CHINA DIECASTING. Time is the best witness to the growth of each other. Focusing on the theme of "Development and Diversity of High-end Die Casting Manufacturing Technology", Bühler was invited to join in the preparation and on-site release of "White Paper on Manufacturing Technology of Die Casting Structural Parts". Particular die casting parts for 5G communication produced by high-end series CARAT die casting machines was showed on-site. With the latest products and technologies, the FUSION series die casting machines and intelligent SmartCMS cell management system, demonstrated unique concept and technical solutions to the visitors, it's the future of digital cell management system for die casting.

Here, we are very grateful for the support from FICMES and NürnbergMesse China, and for this successful exhibition. Bühler also hope to strengthen cooperation with excellent platform for the development of the industry.

Frech (Shanghai) Die Casting Machine Co., Ltd.

Frech showcased high-quality die casting machine with a new look, and gained the attention and recognition from new and existing customers at home and abroad. In this year's edition, CHINA DIECASTING has achieved good results, it's getting more professional and attracted more quality visitors. Thanks to the organizer for such a good display and communication platform. We wish CHINA DIECASTING gets better and we will meet again in 2020!

Guangdong Yizumi Precision Machinery Co., Ltd.

CHINA DIECASTING organized by FICMES is an exhibition focusing on the entire die casting industry chain. It concentrates in die casting equipments and gathered world's quality resources, boosting the communication, exchanges and innovation of the industry. We sincerely wish CHINA DIECASTING to achieve more with all industry insiders, for a brilliant prospect.

AGS (Suzhou) Co., Ltd.

CHINA DIECASTING 2019 is an professional annually exhibition in die casting industry. It is also an important gathering platform for people in die casting industry. As one of the 2019 annual die casting innovation technologies, AGS's solution for digital factory had attracted great interest from visitors and was approved. AGS (Suzhou) Co., Ltd. Would wish CHINA DIECASTING continue to be professional and make more breakthrough in the future. See you next year!

GF Casting Solutions (Suzhou) Co., Ltd.

Thanks to the organizer for providing such a great platform in the finished CHINA DIECASTING, which allow us to give a good showcasing in the past 3 days. It was a good idea for the joint showcasing for us and AIWAYS, which had attracted huge attention. The newly launched PSC Plan was also very thoughtful, and the CID Assistant on wechat is careful in service with good reminder. Automotive Lightweight Development Forum invited foreign consulting organizations to let us know the development of the aluminum and magnesium alloys in die casting industry. The topic of the 5G communication was very fresh in the market. We look forward to meet more visitors in next year, so as to have further promotion of our business.

Schweizer Group Diecasting (Suzhou) Co., Ltd.

CHINA DIECASTING is an gala event centered upon die casting industry, almost all relevant enterprises were invited, including equipments to materials. We were honored to acquaint new die casting technologies during the exhibition, which gave us the guide for the design and development of our die casting products. CHINA DIECASTING is a very good platform to display corporate image and capabilities. We've met high quality trade visitors including great amount of potential customers.

MARPOSS (Shanghai) Trading Co., Ltd.

We admire the careful ideas from the organizer, e.g.: lightweight casting mascot. All information were submitted online before the opening of the exhibition, which showed the abilities and advanced ideas of the organizer. And "CID Assistant" on wechat is really a great idea for its careful service and kind reminder almost on daily basis.

Beijing Supreium Science and Technology Co., Ltd.

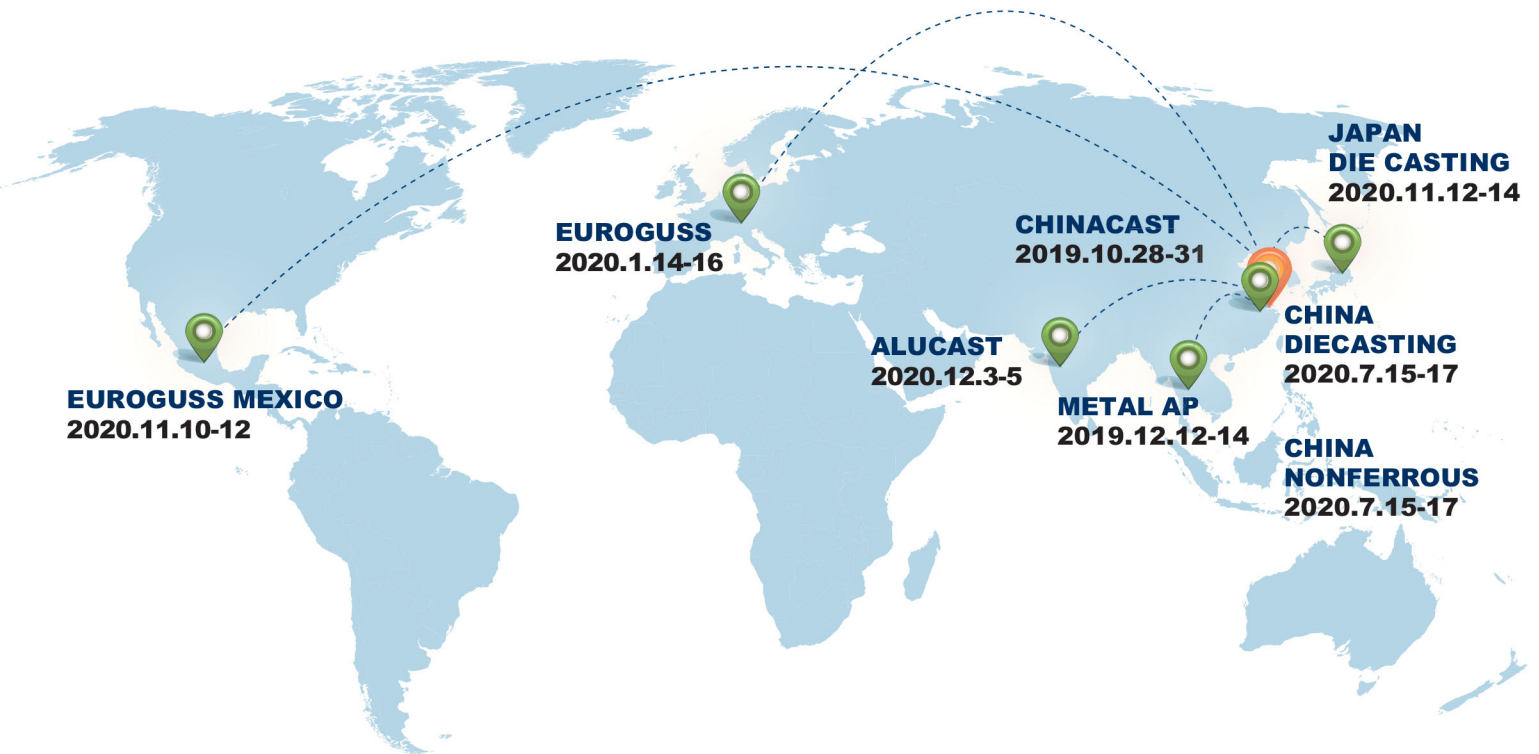
We are honored to participate in CHINA DIECASTING 2019 to exchange ideas with industry experts and elites, and to learn new industry trends, new technologies and new demands. We have received a lot of attention from professional visitors through the exhibition, and we are very grateful to the organizer for the communication platform.

Guangzhou Defaqi Automation Tecnology Ltd.

Since the establishment of the company, we have participated in CHINA DIECASTING every year. Thanks to the high-end professional platform provided by the organizer.



Professional Industry Platforms Global Service Network



**CHINA DIECASTING
2019 Gallery**



**Exhibitor & Exhibits
Information**

Organizers

Chinese Mechanical Engineering
Society

China Foundry Productivity
Promotion Center

Co-Organizers

Foundry Institution of Chinese Mechanical
Engineering Society

Shenyang Zhongzhu Foundry Productivity
Promotion Center

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

Supporting Organizations

NürnbergMesse China Co., Ltd.

Japan Keikinzoku Tsushin AI Co., Ltd.