The 9th China International Diecasting Congress and Exhibition

Congress: 2014.7.19-21 Shanghai Manju Hotel
Exhibition: 2014.7.22-24 Shanghai New International Expo Centre

Post Show Report

Organizer
Chinese Mechanical Engineering Society

Co-organizers
Foundry Institution of Chinese Mechanical Engineering Society
Productivity Promotion Centre of Foundry Industry of China

Supporting organizations
NürnbergMesse China Co., Ltd.
Japan Keikinzoku Tsushin Al Co., Ltd.
Hong Kong Diecasting & Foundry Association

Contacts:
NürnbergMesse GmbH
Ms. Melanie Kastner-Zigon
Tel: +49(0)911 8606-8023
Fax: +49(0)911 8606-12 8623
melanie.kastner-zigon@nurnbergmesse.de

NürnbergMesse China Co., Ltd.
Mr. Keven Qiu
Tel: +86 21 60061213
Fax: +86 21 52233401
keven.qiu@m-n-china.com.cn

Congress
Ms. Yang Cao
Tel: +86 24 256650105
Fax: +86 24 25665793
cayoang@tiifoundrynations.com
1. Related Statistics

1.1 Net Space

1.2 155 Exhibitors from 12 Countries and Regions
- China
- German
- Japan
- Italy
- USA
- France
- Switzerland
- Austria
- Korea
- India
- Taiwan
- Hong Kong

1.3 Number of Exhibitors

1.4 Visitors

1.5 Overseas Visitors (Top 10 Countries and Regions)
- German
- Korea
- Japan
- India
- Malaysia
- Thailand
- USA
- Russia
- Taiwan
- Hong Kong

1.6 Domestic Visitors (Top 10 Provinces)
- Shanghai
- Shandong
- Beijing
- Fujian
- Jiangsu
- Zhejiang
- Guangdong
- Hubei
- Anhui
- Tianjin
2. Visitor Analysis

2.1 By Job Positions

- Staff: 25%
- Mid-level management: 37%
- Senior executive: 21%
- Owner / Member of the board: 17%

2.2 By Purposes (Multiple Choices)

- Purchasing equipment / castings: 33%
- Collecting industrial / product information: 22%
- Looking for partner: 16%
- Market research: 16%
- Meeting with suppliers: 10%

2.3 By Industry Categories (Multiple Choices)

- Accessories for automobiles and motorcycles: 37%
- Electronics, electrical appliances: 17%
- Mechanical and electrical instrument: 11%
- Electric Tool: 6%
- Metal for civil use: 6%
- Lighting: 5%
- Metal for architecture use: 5%
- Toys: 2%
- Others, please specify: 10%

2.4 By Interests (Multiple Choices)

- Die casting machine and its peripheral equipment: 24%
- Die castings: 23%
- Die casting die: 17%
- Raw/Auxiliary materials: 10%
- Detection technology & instrument: 10%
- Environmental protection technology and devices in die casting field: 9%
- Furnace: 6%
- Others, please specify: 2%
3. The 9th China International Die Casting Congress & The 1st International Symposium on Nonferrous Alloys and Special Casting Tech-

Held before the exhibition, these two events were attracted to more than 150 delegates from China, Switzerland, Germany, Italy, the United States, Japan, Hong Kong and Taiwan. There were 33 scholars from domestic and abroad making excellent reports which aroused great interest among delegates.

### List of Keynote Speeches

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<td>Lamellar Orientation Controlling in TiAl Intermetallics by Directional Solidification</td>
<td>Yanqing Su (Harbin Institute of Technology)</td>
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<td>Solidification of Multi-Component Alloys and Its Application to Casting</td>
<td>Wanqi Jie (Northwestern Polytechnical University)</td>
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<td>Potentials for Economic Improvement of Die Casting Cells</td>
<td>Marcello Fabbroni (Bühler)</td>
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<td>Profitable administration mode of die casting production and on-site quality control</td>
<td>Nianyi Yan</td>
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<td>Study on Microstructure and Properties of Spray Formed 7075 Alloy</td>
<td>Ruiming Su (Shenyang University of Technology)</td>
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<td>Thixoforming of Mg Alloys</td>
<td>Tijun Chen (Lanzhou University of Technology)</td>
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<td>IDRA die casting technology for NOX structural components</td>
<td>John Stokes (IDRA Group)</td>
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<td>How to design die-cast gating and feeding system using Moldflow software</td>
<td>Zhijiang Shi (EKK INC)</td>
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<td>The New Progresses of InteCAST-Casting CAE Software and Its Applications to Nonferrous Alloys and Special Casting</td>
<td>Jianxin Zhou (Huazhong University of Science &amp; Technology)</td>
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<td>Controllable Melt Synthesis (CMS) In-Situ Al Composites</td>
<td>Yijie Zhang (Shanghai Jiao Tong University)</td>
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<td>Wheels and optimization of their casting process</td>
<td>Guanghui Wu (MAGMA Engineering (Suzhou) Co., Ltd.)</td>
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<td>Casting of semi-solid metal by bottom cooling</td>
<td>YOKOTAMA TAKASHI (Shanghai Toshiba Machine Co., Ltd.)</td>
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<td>The Mechanism of Die Soldering during Diecasting Operations</td>
<td>Qingyou Han (Purdue University)</td>
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<td>Selected In-Situ Copper Matrix Composite</td>
<td>Ke Han (National High Magnetic Field Laboratory)</td>
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<td>Effect of vacuum die casting process on microstructure and mechanical properties of magnesium alloys</td>
<td>Shoumei Xiong (Tsinghua University)</td>
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<td>Micro segregation and mechanical properties of high strength and high ductility Al-Mg-Si-Mn alloy die castings</td>
<td>Shuseng Wu (Huazhong University of Science &amp; Technology)</td>
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<td>Crack Sensitivity of Aluminum Alloy</td>
<td>Changhui Bowen (Aluminum Corporation of China)</td>
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<td>TOM– a Versatile Thermooptical Measuring System for the Optimization of Heat Treatments</td>
<td>Hongbo Zhang (Fraunhofer)</td>
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<td>Merging, a way to powerful and prosperous — Case study on possibility of manufacturing enterprises’ unconventional development Yuezhang Xia (Wanfeng Group)</td>
<td>Yangfan Qu (StrikoWestofen)</td>
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<td>Advantages of Investment Casting Process and Challenges Facing in Modern Manufacturing</td>
<td>Zhiqiang Lu (Tsinghua University)</td>
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<td>An introduction to casting parameters of the up-to-date die casting machine</td>
<td>NAKAMURA TAKAO (Shanghai Machinery &amp; Metal Co., Ltd.)</td>
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<td>Development &amp; application of double-mold plates die casting machine</td>
<td>Tong (Shanghai Boyou Mould Material Company)</td>
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<td>Development of multi-functional metal plating technology for die cast aluminum and magnesium alloy parts on mobile telephone Mingqiang Chen (Ka Shui Group)</td>
<td>Bo Zhu (Henkel (China) Company Limited)</td>
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<td>Magnesium Die Casting Technologies</td>
<td>Peter Kupferschmid (Frech (Shanghai) Die Casting Machine Co., Ltd.)</td>
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<td>Application of infiltration technology to die castings</td>
<td>Shenzheng Changben Technology Co., Ltd.</td>
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<td>Application of high-pressure die cooling water control technology to automobile die castings</td>
<td>Mingqiang Chen (Ka Shui Group)</td>
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<td>Application of multi-functional metal plating technology for die cast aluminum and magnesium alloy parts on mobile telephone Mingqiang Chen (Ka Shui Group)</td>
<td>Hongbo Zhang (Huazhong University of Science &amp; Technology)</td>
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<td>Testing principle of die castings leakage and its application</td>
<td>Huazhous Li (Innomatec)</td>
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4. Onsite Events

4.1 Best Die Casting Competition
- 18 participating companies
- 37 pieces of components
- Wide coverage with automotive, motorcycle, electronic and metal for civil use
- High popularity among visitors
- Mass media promotion

4.2 Automotive Die Casting Development Forum
- Focusing on the application of die casting in the automobile manufacture and the latest technology
- Panel discussion provoking ideas and thoughts

4.3 Multinational Matchmaking for Die Casting Mould and Die Casting
- More than 20 buyers, 50 reliable suppliers
- Fully-inspected by specialists and experts
- High reputation among the industry

4.4 Die Casting Technology Symposium
- Experienced engineers imparting the latest theory and practical guidance
- Focusing on practical problem solving
- Strengthen bonding among industrial practitioners

4.5 Job Fair for Die Casting Industry
- Strong human resource of die casting
- Authentic and accurate matchmaking
- Network building
Opening Ceremony
VIP Tour
Demo-line of FRECH

Onsite Events Arranged by Exhibitors

Onsite Mutual Interaction

Judging the Component
Awarding Company
Group Photo
# The 10th China International Diecasting Congress & Exhibition

**CHINA DIECASTING 2015**

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<tr>
<td></td>
<td>Tel: +86 21 6036 1213</td>
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<td></td>
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<td></td>
<td><a href="mailto:keven.qiu@nm-china.com.cn">keven.qiu@nm-china.com.cn</a></td>
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