

China Diecasting 2013_Development Forum

Organized by the Chinese Mechanical Engineering Society, and co-organized by the Foundry Institution of Chinese Mechanical Engineering Society as well as the Productivity Promotion Center of Foundry Industry of China, the CHINA DIECASTING 2013 Development Forum will be held on **Sept. 15th to 17th**, 2013 in Dongguan, Guangdong Province. The topic will be **“The Development Trend and New Technology of Die Casting Industry”**.

This year's forum is supported by industrial associations and professionals from Asia-Pacific, Europe and the United States. The keynote speeches will be delivered by the experts from the European Foundry Equipment Suppliers Association (CEMAFON), Bundesverband der Deutschen Giesserei-Industrie (BDG), Japan Keikinzo Tsushin AI Co., Ltd and Foundry Institute of Chinese Mechanical Engineering Society. This forum will be even more international and professional with wider coverage of areas such as die casting, low pressure die casting, squeezing casting, counter-pressure casting, and semi-solid processing. The forum will involve the latest information about the trend, technology and the application in the above areas.

Now we are soliciting articles from the whole die casting industry, and all professionals from the die casting industry are very welcomed to attend this forum.



Forum Agenda (part)

1. Vacuum and Gas in the Process of High Pressure Die Casting
(Dr. Laihua Wang, CSIRO and Wanda Technology Pty Ltd, Australia)
2. Modeling of microstructure and mechanical properties of aluminum alloys during the casting and heat treatment process
(Wu Guanghui, MAGMA)
3. Process and Application of Structural Part
(Marius Freitag, Bühler Group)
4. Reason analysis and counter measures of shrinkage hole and depression of die castings
(Liu Zunjian, Senior engineer, Kyokuto Die Casting (Shanghai) Co., Ltd.)
5. Energy and resource saving high pressure die casting machines and peripheral devices
(Dr. Kai Kerber, FRECH(Shanghai) Die Casting Machine Co., Ltd.)
6. Numerical simulation of mold filling and solidification of Al engine radiator cap body by low pressure die casting
(Do Van Quang, Department of Materials and Foundry Technology, Institute of Materials Science and Technology, Hanoi University of Science and Technology)

7. Die casting technology and production unit of aluminum cylinder block
(Lu Hongyuan, Ph.D, Bühler AG (China))
8. Automatic computerized optimization in die casting processes
(Liu Qiming, MAGMA)
9. Westomat – Dosing by Strikowestofen Asia
(Rainer Erdmann, StrikoWestofen Thermal Equipment (Taicang) Co., Ltd.)
10. New System for Dosing of Aluminium
(Rapp Roger, MELTEC Industrieofenbau GmbH Austria)
11. Modern Tool Steels for Improved Productivity in High Pressure and Low Pressure Die Casting Processes
(Ingolf Schruoff, Kind & Co., Edelstahlwerk Germany)
12. Effect of forging pressure on microstructure and mechanical properties of 6061 aluminum alloy prepared by casting-forging integrated technology
(Dr. Wang Shuncheng, Guangzhou Research Institute of Non-ferrous Metals)
- 13 Discussion on importance of hydrocylinder for die casting die in production
(松本和树, NAMBU Co., Ltd. (Changzhou))
- 14 Latest technology and automation of magnesium alloy hot chamber die casting machine
(山崎政道, HISHINUMA Die Casitng Machine)
- 15 A die casting robot system to improve production efficiency and ensure product quality
(成濑雅辉, YUTAKA Electronics Shanghai Co. Ltd.)