

WAXCASTERS

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Happy New Year



Blayson would like to take this opportunity to thank all our valued staff, customers, suppliers, global partners and associates for all their support throughout 2017 and wish everyone a successful 2018.

ISIC Tokyo

Japan Foundry Society Inc (JFS) held the 9th International Seminar on Investment Casting in Tokyo from 13 to 14 September 2017.



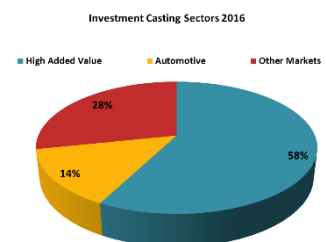
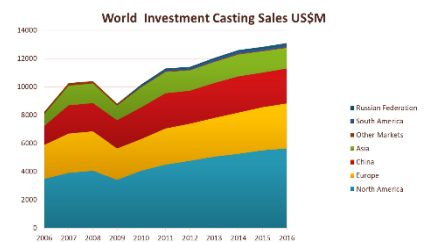
The event was attended by a global audience of more than 130 participants from investment casting regions including Europe, North America, Japan, China, Taiwan, India and South Korea. Blayson made a significant contribution to the event with papers presented by Ron Williams

titled World Investment Casting Market Review and Dave Bond on Recent Developments in Wax Technology. These papers can be viewed [here](#) and a summary of the World Investment Casting Market Review follows.

Global investment casting achieved sales of almost US\$13.1 Billion in 2016 representing an increase of 2% over 2015 so continuing the upward trend of overall sales value since 2009. The demand for castings for commercial aircraft eased slightly in 2016 but remains at a high level.

The industrial gas turbine market improved during the year. The automotive industry performed well with improved casting sales across the regions.

Regional market shares moved slightly as a result of the strong High Added Value sales and weaker Other Markets performance, as a result, the market share of North America has increased to 43% and Europe to 24%. China is now at 19% compensating for a slight fall giving a total regional market share of 30% for Asia.



ICI Conference and Equipment Expo

The 64th annual ICI Technical Conference and Equipment Expo was held in Covington Kentucky 15 to 18 October 2017.



Blayson exhibited together with Eagle Engineered Solutions Inc and would like to thank all visitors and delegates for making the conference a great success.



Blayson continue to support the North American investment casting market and offer foundries an alternative and innovative solution to wax supply and technical support.

Core Adhesive Wax

Due to the complex surface geometry of ceramic cores used in the production of turbine blade shaped parts, wax pattern material, after injection and solidification, can detach itself from the surface of the ceramic core, especially on concave surfaces. This can be difficult to detect and can lead to costly rework.

Blayson have designed an advanced adhesive wax that offers a reliable, environmentally friendly, safe and easy to use solution to this problem eliminating the need for pressurised solvent based glues or high temperature adhesive products.

The product CA-10 was developed to have room temperature adhesive properties and can be applied to the surface of the ceramic core as a molten liquid by use of a stiff paint brush. The wax is a liquid at temperatures above 70°C and will not run off the ceramic core surface once applied.



The product has proven successful in eliminating the pattern wax lifting away from the surface of the concave section of ceramic cores after solidification of the wax pattern. Contact Blayson for further information and a sample.

EICF International Conference

The 29th International Conference will be held from 22 to 25 April 2018 in Porto Portugal. The theme of the conference is Addressing today's and tomorrow's Investment Casting challenges.



The conference will present the latest status of the World Investment Casting Market with 4 international papers covering the different global geographical areas.

Technical sessions are structured into categories of Shell Systems & Technology, Equipment & Process Innovation, Wax Technology, Additive Manufacturing, Management, Alloy & Alloy Processing, Process Modelling, Industry 4.0 and Core Technology providing a total of 34 technical papers.

In addition, the Turbocharger Seminar will be covering 9 dedicated Turbocharger specific presentations plus a forum for discussion.

The programme also includes an exhibition and industry visit. Blayson shall be playing a key role as a sponsor of the event and shall be exhibiting at Booth 13 and presenting the paper on World Investment Casting Markets together with a technical paper on Innovative Wax Design to Meet the Challenges Within the Investment Casting Industry.

Further information relating to the conference and booking process can be found [here](#)

Future Events

CMF Investment Casting Course
6 – 7 February 2018
Dudley, UK

EICF International Conference
22 – 25 April 2018
Porto, Portugal

ICI Technical Conference and Expo
21 – 24 October 2018
Kansas City, MO, USA