



Meet to discuss global metal casting industry to be held in South Africa

Held every two years, the WFO Technical Forum brings together practical foundry personnel, academics and the supply industry to discuss the technical innovations and dilemmas affecting the global metal casting industry. The event will be held from March 13-15, 2017 at Emperor's Palace, Gauteng, South Africa.

The event will be held in conjunction with the South African Metal Casting Conference and the BRICS Conference and will be organised by the WFO member association in South Africa – the National Foundry Technology Network.

As part of the WFO Technical Forum keynote presentations will be made by Clayton Anderson, chief executive officer,



Thomas Foundry, South Africa entitled: 'Design and implementation of a strategy to modernise a jobbing foundry' and a presentation from a speaker to be confirmed on 'Foundry management and technologies'.

The event looks at the market opportunities for South African foundries and examines the five-year strategic plan for China's foundry industry and the way forward for the Indian foundry industry clusters.

In addition to papers detailing technological developments, presentations will also be made on opportunities for fabrication conversions to cast components, alloy developments, leadership skills and current global foundry industry trends.

On the third day three parallel sessions will be held giving delegates a wide range of papers to choose from. A total of 61 presentations will be made across the three days.

StrikoWestofen Group acquires expertise for heat treatment of cast aluminium parts



Group. With their know-how, the 18 new employees in this business unit cover the entire range from the development and projecting of hardware and software to the commissioning and approval of the systems.

The new heat treatment business unit forms a holistic approach - furnaces, quenching systems and product carriers are not seen as individual components of a system but as an overall concept. This allows enormous cost savings due to the better co-ordination of processes.

Also, the components are less susceptible to deformation, which reduces the necessary alignment work. "That saves hard cash too," points out Frank Herkenröder, company founder of BPR-Engineering and head of the new Striko heat treatment business unit. "For one of our customers, the optimised concept

resulted in over 80 per cent of the alignment work being unnecessary. This means savings of approx €3 million in two years."

The available systems cover all phases of the heat treatment process. In four-storey continuous furnace systems, up to three different types of cast parts can be heat-treated at the same time. The modular system also allows flexible adaptation to the customer needs in each case. The same is true for the chamber furnace systems, which are especially suitable for the heat treatment of smaller numbers of pieces or of frequently changing ranges of parts. They consist of four to 22 furnaces, each of which can run a recipe of its own in parallel.

In addition, StrikoWestofen is the technology trailblazer with regard to combined air-water quenching systems for especially high-quality cast parts. Product carriers adapted to the components and made of a particularly heat-resistant stainless steel alloy complete the range.

The StrikoWestofen Group has acquired the expertise of BPR-Engineering GmbH from Rheda-Wiedenbrück to be able to offer customers the heat treatment of cast aluminium parts - in particular cast structural parts.

The global market leader in the field of dosing and melting furnaces for the light metal industry made the decision to be able to react to the growing trend towards optimising mechanical properties using heat treatment.

The takeover of the employees of BPR-Engineering in May meant that 20 years of know-how in this field was acquired all at once. "The agreement with the employees was less a takeover in the classical sense and more a buying-in of know-how," explains Rudi Riedel, CEO of the StrikoWestofen

JOIN US **Metalworld**



To Get More Updates On
**Foundry & Non-Ferrous
Metals Industry**

Use the below Link & Like the Page

<https://www.facebook.com/pages/Metalworld/249596461861510>

To Know the Inside of Industry

<http://metalworldblog.wordpress.com/>