

# WAXMATTERS

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## ICI Technical Conference and Expo

The 65th ICI Technical Conference and Expo was held in Kansas City on 21 – 24 October 2018 and Blayson regarded it as a most successful event. A comprehensive programme of Papers was presented including Phil Hancock’s Innovative Wax Design Presentation, numerous Delegates visited the joint Blayson and Eagle Stand.



As a mark of service to the industry globally, Ron Williams Managing Director of Blayson received the Hall of Honor Award from the Institute.



On receiving the Award from Joe Fritz, Executive Director ICI Ron

commented that it was an honour and privilege to receive the award and to be recognised by one’s peers within the industry.



## Eric Rodriguez Joins the Eagle Team

Eagle Engineered Solutions recently announced the appointment of Eric Rodriguez as Director of Sales and Marketing. Eric has been in the investment casting industry for 20 years and his work ethic and customer focus fits well with the company philosophy of both Eagle and Blayson.



This appointment will strengthen the Eagle team and Blayson look forward to working with Eric to support wax sales in North America.

## ISO 9001:2015 Certification

Blayson are pleased to have gained ISO 9001:2015 status.



Dave Bond, Technical Director and Kevin Burrows, Quality Manager both stated that this certification confirms the Blayson total commitment to quality throughout the company and to the ongoing review of this management philosophy.



## Czech Investment Casting Seminar

From 5 – 7 November 2018 Milan Horacek of MH Consulting organised an Investment Casting Seminar held at the Skanzen Hotel, Modrá Velehrad in the Czech Republic.



The event was attended by numerous Delegates from Eastern European foundries and a series of presentations were made by representatives of supplier companies including Blayson.



Ron Williams gave a presentation on World Investment Casting Markets and Phil Hancock presented a paper on Investment Casting Wax Principles and Practice a summary of which follows below.



A visit to the successful Alucast foundry was arranged for those making presentations.



Some important factors that affect dimensional stability from a wax perspective are temperature and injection time. By use of a pressure transducer located inside the die much information can be gained, for example the effect of sprue position, the effect of a chill, the effect of

insufficient injection time, this information allows a wax material to be characterised at a given temperature.

Due to its low thermal conductivity and polymeric nature an investment casting wax will continue to contract for long periods post injection. After injection investment casting wax materials can behave in a spring like fashion which is known as wax memory. This can have an influence on dimensional variability. Process conditions can control this behaviour as can the type of wax used.

## Future Events

### CMF Investment Casting Training

26 – 27 February 2019  
Woodland Grange Conference Centre, Leamington Spa, UK

### ICI Spring Management Meeting

5 – 8 May 2019  
Wyndham Rio Mar Beach Resort & Spa, Rio Grande, Puerto Rico

### EICF Technical Workshop

20 – 22 May 2019  
Helsinki, Finland

### ICI 66th Technical Conference

27 – 30 October 2019  
St Louis, USA

### CFA 16th IC Conference

19 – 22 November 2019  
Wuxi, China

### JFS and TFS 10th ISIC

26 – 28 November 2019  
Taiwan

### 15th World IC Conference

18 – 21 October 2020  
Disneyland Hotel, Anaheim, California, USA