



## ICAA : „International Conference on Aluminium Alloys“

ICAA is the most renowned series of International Conferences on Aluminium Alloys. It provides a forum where producers and users from industry can meet with staff and experts from universities and research laboratories to present and discuss new developments in the science and technology of aluminium alloys, on their production, processing and physical metallurgy of semis and their broad applications.

The ICAA conferences provide a unique worldview on R&D progress and offer an invaluable global perspective on the current focus of research and development with the main emphasis on an in-depth understanding of conventional and advanced Aluminium alloys and processes, also supporting the area of computational modeling across entire processes.

The conferences attendance lies between 200 to 400 participants, mostly well balanced between industry and academia, and it is clear from many of the presentations made that there is a strong connection between the two, also encouraging is the excellent representation of students, boding well for the next generation of professionals in the Aluminium producing and application industry.

A number of excellent keynote presentations on market areas for aluminium such as aerospace, packaging, building and construction, and rail as well as more technology-based overviews, always provide perspective, covering both alloy design, processing and integrated simulation.

Many of the industrial presentations relate to work on gaining a deeper insight into fairly conventional alloys, covering all of the alloy systems. With the more common use of improved microstructural analysis tools such as high resolution transmission electron microscopy, sophisticated texture analysis, and local elemental analysis techniques, a greater understanding of microstructures and compositions is being developed. One of the outcomes of this is a new insight into the aluminium physical and mechanical metallurgy down to an atomic level mechanisms and their application on common industrial alloys and processes.

The ICAA was initiated at Charlottesville, USA, in 1986 and since then takes place about every 2<sup>nd</sup> years in changing international locations around the globe:  
1990: Beijing / China, 1992: Trondheim / Norway, 1994: Atlanta / USA, 1996: Grenoble / France, 1998: Toyohashi / Japan, 2000: Charlottesville / USA, 2002: Cambridge / UK, 2004: Brisbane / Australia, 2006: Vancouver / Canada, 2008: Aachen / Germany, 2012 Yokohama/ Japan (5.-9.9. 2010 in *PACIFICO YOKOHAMA*)

Jürgen Hirsch (Prof. Dr.-Ing.) , chairmen of the ICAA international committee

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# The 12th International Conference on Aluminium Alloys

## IMPORTANT DATES

Abstracts due date      October 2009  
Notice to authors        January 2010  
Papers due date         March 2010  
Early registration due date    May 2010

WEB <http://www.icaa12.org>



**First Announcement**  
**September 5-9, 2010**  
**PACIFICO YOKOHAMA**  
**Yokohama, Japan**

Organized by  
**The Japan Institute of Light Metals**



Co-sponsored by  
**The Light Metal**  
**Educational Foundation, Inc.**  
**Japan Aluminium Association**  
**Japan Light Metal Welding &**  
**Construction Association**



## ACCESS TO YOKOHAMA

- 30 minutes from Narita International Airport  
by Airport Limousine Bus or Narita Express (runs every 30 minutes)  
- Less than 30 minutes by train from the center of Tokyo  
- 30 minutes to Kamakura (the old capital of Japan)  
and 1 hour to Hakone, a hot-spring resort.



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