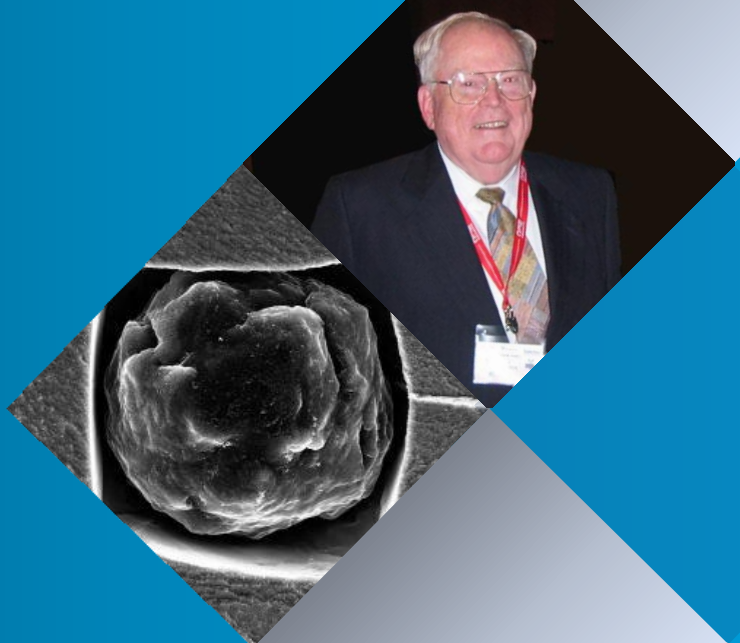


2nd CARL LOPER CAST IRON SYMPOSIUM

Latest advances and
applications of cast iron

SEP. 30-OCT. 1, 2019. Bilbao (Spain)



Organizers

IK4
AZTERLAN
Research Alliance



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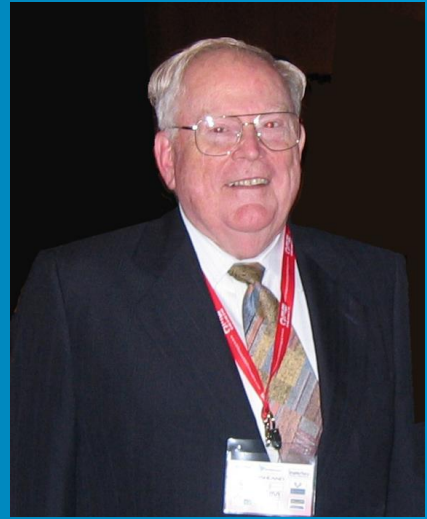




Honoring Dr. Carl R. Loper Jr., professor of many professors, the focus of this conference is to review the fundamentals of cast iron solidification and highlight the latest research, technology and developments in metallurgy, production and applications of the material.

Taking advantage of the 10th anniversary of the 1st Carl Loper Symposium held at Madison, Wisconsin (USA), the 2nd Carl Loper Symposium is being organized by IK4-Azterlan Metallurgy Research Centre, SPAIN, and includes Key Note invited and contributed papers from leading academic and industrial community.

This event will be hold every three years with the scope to disseminate the latest advances and applications of cast iron.



Call for papers:

- **Abstract submission deadline:** March 31, 2019
- **Notification of acceptance of abstract:** April 30, 2019
- **Full paper submission:** June 30, 2019
- **Conference Proceedings:** IJMC International Journal of Metal Casting



Symposium venue:

Conference Centre and Concert Hall EUSKALDUNA JAUREGIA BILBAO (Spain).

Located in the centre of Bilbao in the zone of Abandoibarra, near the Guggenheim Bilbao museum, it is easy access to many wonderful hotels allowing attendees to come on foot, Tran, Metro and only a few minutes away from Bilbao (BIO) airport.



Social events:

- **Optional pre-tour to San Sebastian** on Sunday, September 29
- **Conference dinner** on Monday evening, September 30
- **Carl Loper's former students and associates breakfast** on Tuesday morning, October 1



Congress Theme

The theme selected for the 2nd Carl Loper Symposium is **“Latest advances and applications of cast iron”**.

The members of the Scientific Committee are keen to invite papers that will appeal to the foundry industry as well as researchers, technicians, metallurgists and casting manufacturers, among others.

Abstracts must either be the report of an original research work, the detailed description of the latest knowledge within a specific field, or an industrial process engineering development. Their quality must be of interest for an international audience, both from the scientific and industrial fields.

Authors are allowed to submit more than one paper to the symposium. Papers are sought on the following working areas:

- Cast Iron (spheroidal, lamellar and vermicular graphite cast iron, austempered ductile iron and alloyed irons).
- Environment and sustainability.
- Foundry technologies, equipment, manufacturing, tools, robotics and automation.
- Energy.
- Advanced engineering: design, calculation and simulation tools.
- Heat, cryogenic and surface treatments.
- Moulding, core making and rapid prototyping technologies.
- Pattern and tool making.



Format and submission

The abstract, along with a descriptive title of the work, should be written in English, summarize the work carried out and provide the main conclusions and findings as well as the significance of the work to the industry. It should be limited to 500 words, typed using 12 point Arial in a single line spacing and with no graphs or pictures.

The abstract should be submitted before March 31st in an editable .docx document by email to the address CarlLoperSymposium@azterlan.es, specifying ABSTRACT SUBMISSION as the main subject of the email.

The selection of the papers shall be carried out by the 2nd Carl Loper Cast Iron Symposium Scientific Committee. Tentative acceptance shall be intimated to the author/s by e-mail by 30th April 2019.

Further detailed information regarding the process will be available at the official webpage of the symposium.

Conference Board Members

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Contact and further information

SYMPOSIUM WEBPAGE.

<http://www.azterlan.es/en/carl-loper-symposium.html>



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SYMPOSIUM SECRETARY.

OLATZ GARRO