



Adapt to new Challenges, take advantage of new opportunities

Call for Papers

Copper Alloys 2024 Stockholm, Sweden, 08–09 October, 2024

Scientific conference on copper materials

INVITATION

Copper Alloys 2024: International arena for scientific and technical development – forum for copper alloys industries, universities and research institutions.

Copper Alloys is the biggest and broadest scientific forum focusing on copper materials sciences. The conference in 2024 aims to further strengthen the copper and copper alloys community by providing up to date research and reflecting necessary R & D approaches against the background of actual megatrends.

The growing awareness for the need to deal with resources more responsibly, environment stability and health protection, as well as the unsecure geopolitical situation, has driven society, politics, and legislation to change agenda priority settings. Circular economy, fossil free energy, green deal, total defense, and other keywords represent this new paradigm, putting high pressure on industry and science to propose and develop innovative solutions.

In response to related challenges, emerging applications and processes are needed, and universities, research institutes and market players along value chains must further strengthen their common efforts. The evolving materials research and development platforms put high demands on optimizing and complementing processing methods, closing gaps in global material flows and implementing loss-free recycling technologies.

Copper Alloys 2024 will give a comprehensive look at challenges and developments of copper user industries and will allow active sharing of knowledge and opinions.

Save the Date for Copper Alloys 2024!

Welcome to Stockholm!



General Information

Location

The conference will take place October, 8th to 9th, 2024 at the Clarion Hotel Sign, Östra Järnvägsgatan 35, Stockholm, Sweden.

Language

The conference language will be English.

For more information see

www.copperalloys.eu

CONFERENCE TOPICS

Topics can be related to the above-mentioned global challenges, related improvements and adoptions in/on technology as well as emerging applications and processes. These are including but not limited to:

- The importance of copper materials for a sustainable future
- Refining and recycling, material processing
- Alloy design, substitution of critical elements
- Material analysis and digitalization
- Production such as casting, joining, additive manufacturing etc.
- Copper alloys and products for different applications, including among others transport, electrification, hydrogen, drinking water distribution, antimicrobial systems etc.
- Corrosion resistance

Scientific Committee

- Wilhelm Erning, BAM, Germany
- Ralf Feser, Fachhochschule Südwestfalen, Germany
- Joachim Hagström, SWERIM, Sweden
- Frank Mücklich, Saarbrücken University, Germany
- Klaus Ockenfeld, Kupferverband e.V., Germany
- Inger Odnevall Wallinder, Stockholm University, Sweden
- Lorenzo Omodei, Trafilerie Carlo Gnutti, Italy, representing CEN
- Kevin Ogle, ParisTech Chemistry, France
- Paolo Piccardo, Genova University, Italy
- Michael Pohl, Bochum University, Germany
- Olivier Rod, RISE Research Institutes of Sweden
- Roberto Spotorno, Genova University, Italy
- Ladji Tikana, Kupferverband e.V., Germany

Important dates

Abstract deadline _____ **February, 15th, 2024**

Abstract acceptance notifications _____ **March 31st, 2024**

Manuscripts due _____ **August 1st, 2024**

Registration deadline _____ **September 1st, 2024**

We welcome abstracts from all sectors related to our themes: Please send your abstracts no later than February 15th 2024, to carina.egeman@ri.se or birgit.schmitz@kupfer.de

Conference Office

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Sponsoring

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