

12th

TOOLing2022

Conference & Exhibition

25 - 27 April 2022

Conventum, Örebro, Sweden



CALL FOR ABSTRACTS

ASMET®

THE AUSTRIAN SOCIETY FOR
METALLURGY AND MATERIALS

E-mail: tooling2022@asmet.at

Web: <http://www.tooling2022.org>

Tooling2022

Conference & Exhibition

Welcome to the 12th Tooling Conference & Exhibition, Tooling 2022, held on 25-27 April 2022 in Örebro, Sweden.

The Tooling conferences have been held since 1987 and attract speakers and participants from all continents. The conference topics are cold and hot working tool steels, high speed steels, plastic mold steels, hard metals and cermets, steel/material design, tool steel development, microstructure, properties and performance, production of tool steels, simulations and modelling, additive manufacturing, processing, machining, polishing, heat treatment, surface engineering and coating, wear resistance, fatigue under mechanical and thermal cyclic loads, corrosion resistance, tooling applications, tooling contributions to e-mobility, digitalization in the tool steel and toolmaking industry, sustainable toolmaking including health aspects, circular economy and tooling supply chain.

The Tooling 2022 will take place in Örebro, Sweden. Örebro is a city with 125,000 inhabitants. It is the sixth largest city in Sweden and one of the largest inland hubs of the country. It is located near the lake of Hjälmarén, although a few kilometres inland along the small river Svartån.

Örebro is the home of Örebro University, a major university hospital, a medieval castle, the water park Gustavsvik as well as several large shopping malls and the Oset-Rynningeviken nature reserve at the lakefront.

Örebro received its Royal Charter and city privileges not later than 1404.

The location became a natural seat of commerce in the Scandinavian Middle Ages and is mentioned in print in the 13th century. Old buildings from the early days include the foundations of the city church, a building which has undergone several modifications.

**We are looking forward to welcoming you at
TOOLING 2022 Conference & Exhibition!**



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Örebro, Sweden

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GENERAL INFORMATION

DATES:

April 25 - 27, 2022

VENUE:

Conventum Conference Center, Olof Palmes torg 1, 702 22 Örebro, Sweden

- Located in the city center.
- Adjacent to one big hotel and within walking distance (5-7 minutes) from several other big hotels in the city center.

BADGES:

Congress badges are mandatory for the admission & access to the meeting halls and exhibition.

LANGUAGE:

The official language of the congress is English. There will be no translation facilities available for the congress participants.

MOBILE PHONE:

Please keep your mobile phone turned off or in silent mode in all congress rooms.

PHOTOGRAPHS:

The organizer ASMET will take photographs of this event. We advise that it is not allowed to take pictures by yourself.



IMPORTANT DATES

Extended Abstract Submission: October 17, 2021

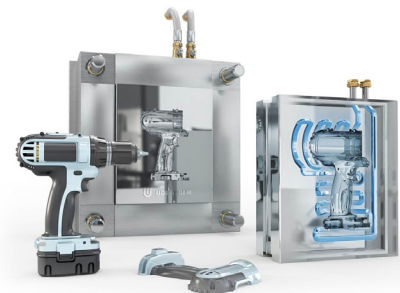
Please submit your abstract via the conference website: www.tooling2022.org

Notification of Acceptance: October 29, 2021

Full paper Submission: January 28, 2022

TOPICS

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- Cold & hot working tool steels
- High speed steels
- Plastic mold steels
- Hard metals & cermets
- Steel/material design
- Tool steel development
- Microstructure, properties & performance
- Production of tool steels
- Simulations & modelling
- Additive manufacturing
- Processing, machining & polishing
- Heat treatment
- Surface engineering & coating
- Wear resistance
- Fatigue under mechanical & thermal cyclic loads
- Corrosion resistance
- Tooling applications
- Tooling contributions to e-mobility
- Digitalization in the tool steel & toolmaking industries
- Sustainable toolmaking including health aspects
- Circular economy & tooling supply chain



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HANS BERNS AWARD

Tooling 2022 continues to commemorate Prof. Hans Berns, one of the founding fathers of the Tooling Conference, through the Hans Berns Award. This award will be given to a young researcher who is the author/co-author and presenter of one of the full papers at Tooling 2022. A jury will select the awardee based on the scientific merits of this paper. The awardee will receive 1000 Euro, a prize made by additive manufacturing and a certificate.

TOOLING 2022 SPECIAL ISSUE OF STEEL RESEARCH INTERNATIONAL

During the paper review process, the scientific committee will select some of the submitted papers for submission to the Tooling 2022 special issue of steel research international. These papers should meet the criteria of steel research international regarding quality and novelty and will be subject to the journal's regular peer review.

Tooling 2019 special issue of steel research international:
<https://onlinelibrary.wiley.com/toc/1869344x/2020/91/5>.

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