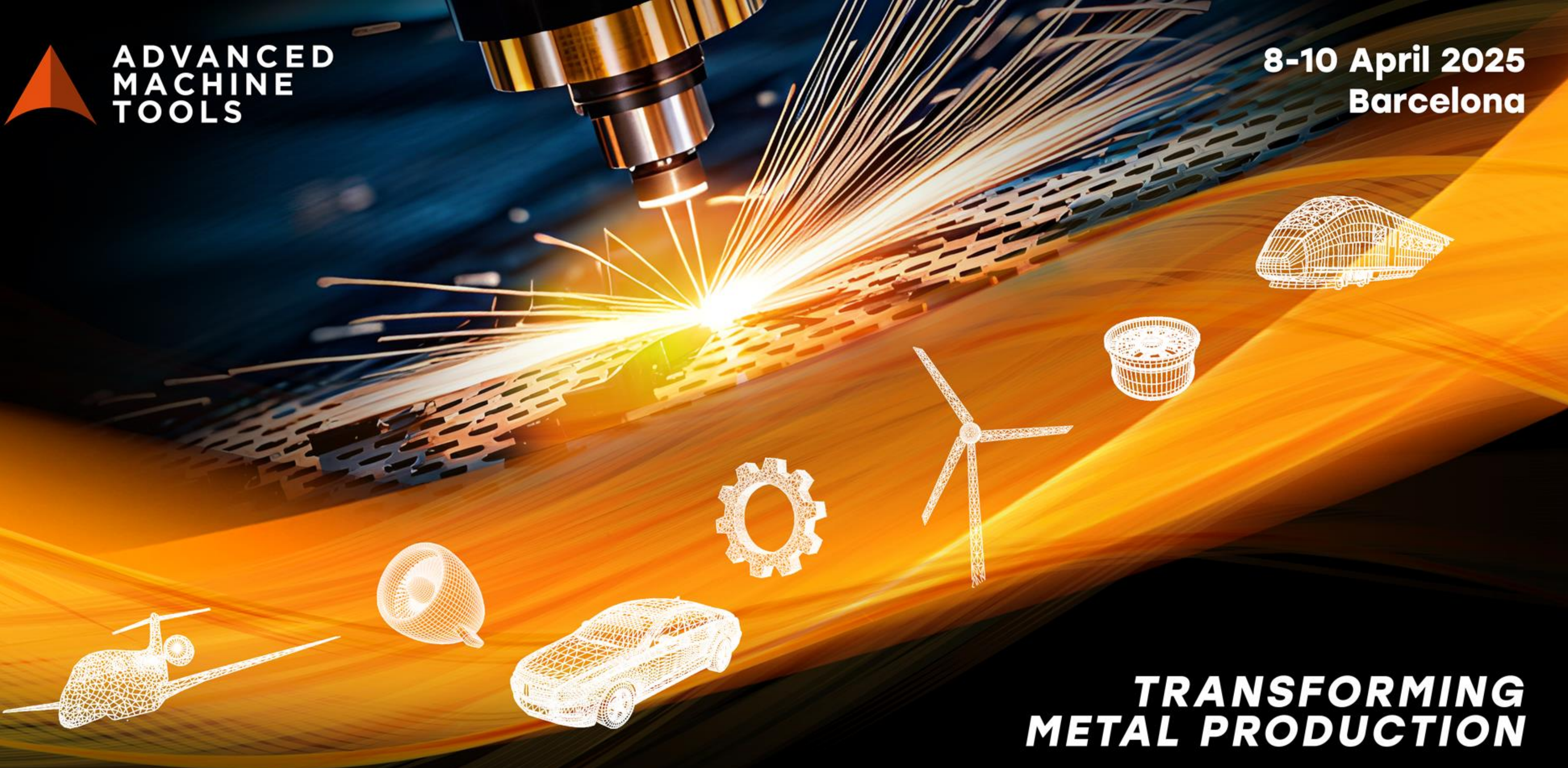




**ADVANCED
MACHINE
TOOLS**

**8-10 April 2025
Barcelona**



**TRANSFORMING
METAL PRODUCTION**

CALL FOR SPEAKERS

01. METAL INDUSTRY 4.0 CONGRESS

In recent years we have witnessed a major paradigm shift in the manufacturing sector. The emergence of new technologies such as automation, robotics, artificial intelligence, data analytics and connectivity solutions, among many others, have profoundly transformed production processes and management models. Likewise, the impact of the supply chain in terms of CO2 emissions and stock outs has placed the relocation and reindustrialisation of manufacturing in Europe at the centre of the debate.

Metal Industry 4.0 Congress is coming to Barcelona to become the largest congress in southern Europe at which to discover the latest trends for the metal transformation and materials forming sector. From intelligent manufacturing processes driven by new-generation machine tools, to automation, robotics, connectivity and artificial intelligence applied to equipment.

From success stories in leading industries to the challenges facing each manufacturing sector and its market needs.

Metal Industry 4.0 Congress is undoubtedly an unmissable event for professionals who want to boost their factories to the highest level of competitiveness and innovation.



Te invitamos a compartir tu experiencia y liderazgo en Metal Industry 4.0 Congress.

Increasing productivity through more advanced and technological machinery is an imperative for the entire metalworking industry. Driving equipment renewal, and investment in new generation machine tools is the goal of **Advanced Machine Tools**.

In recent years, the manufacturing industry has shown its great capacity to adapt to change. A resilience that has enabled it to keep businesses afloat, ensure supply and respond to market needs, despite the adversities and problems arising from the current economic and social situation, forcing our industries to operate with ever-decreasing margins.

For this reason, it is essential to adopt the latest generation machine tools for cutting, deformation or removal, as well as all the most innovative components and accessories from the auxiliary industry that allow **maximum efficiency** in production processes.

AMT was created to support this economic sector and become the country's largest showcase for machine tools and advanced manufacturing in odd-numbered years. Held in parallel with Advanced Factories and the Industry 4.0 Congress, this industrial summit will offer the sector's most innovative solutions, business opportunities and know-how that will serve as a lever for the technological transformation of production processes.

02. WHO CAN PARTICIPATE?

This call for speakers is open to candidates who bring new inspiring and disruptive ideas, technologies, initiatives, solutions, management models, and especially success stories and projects that help the industrial sector to boost competitiveness and improve production processes or customer services within the framework of **Industry 4.0** with the aim of:

- Improve productivity
- Develop sustainable industries
- Generate new business models
- Extend the capabilities and usefulness of products

The authors of the proposals can be experts, professionals or teachers on their own behalf or on behalf of the organisation from companies, institutions, universities, research and development centres.

The materialisation of their innovative and disruptive ideas, systems or projects within the framework of Industry 4.0 are welcome content for this call.

All speakers who identify with this objective and have been directly involved with the candidate project are invited to submit their proposals to the **Metal Industry 4.0 Congress**



03. TOPICS

The proposals have the mission to achieve the objectives mentioned and can be addressed by tackling them as a whole or specific areas of them (zero defect production, process automation, advanced manufacturing systems and smart equipment, energy efficiency, circular economy, safety and social responsibility, connected product, extended product,...).

At **AMT - Advanced Machine Tools**, we share the vision that technologies are an enabler or essential element in the implementation of the mentioned objectives, considering the following topics to participate as a speaker at the Metal Industry 4.0 Congress

Vertical Forums:



Aeronautics
& naval



Energy



Building



Automotion



Logistics



Electronics &
appliances



Metal &
steel



Capital
goods



Railway



Textile



Health &
Pharma



Food &
Beverages

Thematic axes:



Automation and
robotics



New manufacturing
processes



Connectivity and
integrated systems



Data analytics



Tools and
materials



Industrial symbiosis
and energy

04. Presentation of proposals

To register your proposal for the **Metal Industry 4.0 Congress**, please fill in all your details in the online form at

<https://www.advancedtoolsexpo.com/en/congress/call-for-speakers-form/>.

All proposals must comply with the terms and conditions detailed below. The attached form will require, among others, the following details:

- Short biography of the speaker (maximum 300 characters).
- Title of the presentation (maximum 100 characters).
- Short description of the project (maximum 500 characters).
- Keywords (maximum 200 characters).
- Presentation or abstract in an attached document with a maximum of 10 slides or pages (max. 16MB).

The deadline for receipt of proposals is:

21st of February 2025

Send your proposal!

As of 1 March 2025, the technical secretariat will start the process of communicating the results to the candidates.

The steering committee reserves the right to request any clarification or additional documentation

05. Evaluation Criteria

The aim of the Metal Industry 4.0 Congress is to provide a comprehensive overview of the most important Industry 4.0 topics for professionals and companies, through unique, high-level conferences that will showcase the most innovative, disruptive and inspiring ideas, practices and technologies.

The selection criteria are:

- For their alignment with the objectives and thematic axes of the congress.
- For their innovation.
- For originality, disruption and differential vision.
- For the breadth and adequacy of the information presented to the terms of the call

06. Frequently asked questions

- **In which language can the proposal be submitted?**

The form and all complementary information must be submitted in English, Spanish or Catalan. Proposals in other languages will not be accepted.

- **Is there any financial cost to participate in the Speakers call for proposals?**

No, it is completely free of charge.

- **How many proposals will be accepted?**

The number of accepted proposals is the responsibility of the Steering Committee and may vary depending on the quality of the proposals received and the final requirements of the programme itself.

- **Is it possible to expand the information after the call for proposals?**

If you need to modify or expand on any of the information submitted, you should contact us at congress.congress.af@barter.es

07. Evaluation process

The Steering Committee of the **Advanced Machine Tools**:

- Will select from among the proposals received those it considers appropriate for the programme.
- It may place the proposal in a key theme other than the one indicated by the participant.
- It will select the proposals and depending on the length of the conference and the number of participants will indicate the time available.

The selected presentations will have an innovative character. Commercial presentations must be reformulated, otherwise they will be discarded in the selection process. Please, noted that applications that meet the requirements of the call for proposals may exceed the availability of the timetable, so the submission of an application does not guarantee the selection to take part in the **Metal Industry 4.0 Congress**

From **1st of March**, the Technical Secretariat of the Congress will inform participants whether their proposal has been accepted or rejected.

In case of acceptance as a speaker, the same Technical Secretariat will contact the participant to inform him/her accordingly:

- Your accreditation for the Metal Industry 4.0 Congress.
- The scheduled time for the conference.
- Information about the other speakers and moderator of your conference.
- All the logistical information and complete schedule for your participation in the event.

08. Property rights & Data Protection

All participants are responsible for the authorship of the proposals submitted, are owners of the intellectual property rights and, where applicable, industrial property rights. Each participant is responsible for the submitted proposal, declares that it does not violate intellectual property rights, industrial property rights, copyrights and/or image rights and assumes full responsibility towards third parties. The Congress Organisation is released from all liability.

The Congress Organisation undertakes to maintain the confidentiality of the proposals received and of the companies or authors. It will only share them with the members of the Steering Committee. Once the proposal has been selected, the organisers may publish any data considered public (author, company/organisation, title, abstract, website and topic).

In compliance with the General Data Protection Regulation, we inform you that your data will be included in our files for the purpose of maintaining professional and/or commercial relations. If you wish, you may exercise your rights of access, rectification, cancellation and opposition of your data by contacting: **NEXT BUSINESS EXHIBITIONS S.L. (NEBEXT)** by writing to data@nebext.com



09. Contact Details

For any questions or suggestions regarding this Call for Speakers or the Metal Industry 4.0 Congress, please contact us at:

- Phone: 00 34 93 492 38 03
- Contact: congress.af@barter.es

If you are also interested in exhibiting or in knowing different options to participate in Advanced Machine Tools, please contact us at:

- Phone: 00 34 919 551 551
- Contact: exhibit@advancedtoolsexpo.com



ADVANCED MACHINE TOOLS



NETWORK



KNOWLEDGE



BUSINESS OPPORTUNITIES

PERFORMING STUNNING EXHIBITIONS FOR YOUR BUSINESS SUCCESS



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