AMT
Advanced Machine Tools

31 March – 2 April 2027
Fira de Barcelona



CALL FOR SPEAKERS

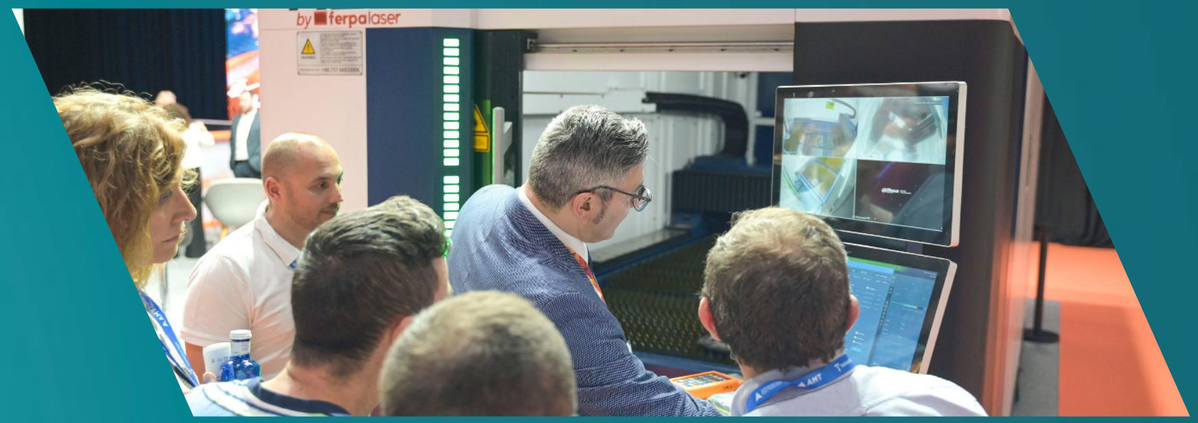
Greener Machines.
Smarter Metal Industry

La gran feria nacional de máquina-herramienta de última generación

INDEX

- Metal Industry 4.0 Congress
- Who can apply?
- Topics
- Submitting proposals
- Selection criteria
- Frequently asked questions
- Selection process
- Intellectual property and data protection
- Contact details





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01. METAL INDUSTRY 4.0 CONGRESS

Manufacturing has undergone a major shift in recent years. New technologies such as automation, robotics, artificial intelligence, data analytics and connectivity solutions have profoundly transformed production processes and management models. Meanwhile, the impact of supply chains on CO2 emissions and stock shortages has put reshoring and the reindustrialisation of manufacturing in Europe at the heart of the debate.

Metal Industry 4.0 Congress comes to Barcelona to become Southern Europe's largest congress dedicated to the latest trends in metalworking and materials forming. It will explore smart manufacturing driven by next-generation machine tools, automation, robotics, connectivity and artificial intelligence applied to equipment.

From success stories in leading industries to the challenges and market needs of each manufacturing sector, **Metal Industry 4.0 Congress** is an essential event for professionals seeking to make their factories more competitive and innovative.



Share your experience and leadership at Metal Industry 4.0 Congress.

Increasing productivity through more advanced machinery and technology is essential for the entire metalworking industry. Promoting equipment renewal and investment in the latest generation of machine tools is the aim of **Advanced Machine Tools.**

In recent years, manufacturing has shown a remarkable ability to adapt to change. This resilience has kept businesses running, secured supplies and met market needs despite adversity. Yet the challenges arising from current economic and social conditions are forcing our industries to operate on ever tighter margins.

It is therefore essential to adopt the latest machine tools for cutting, forming and material removal, along with the most innovative components and accessories from supporting industries, to achieve **maximum efficiency** in production processes.

AMT was created to support this sector and become Spain's largest showcase for machine tools and advanced manufacturing in odd-numbered years. Held alongside **Advanced Factories** and **Industry 4.0 Congress**, this industrial summit will present the sector's most innovative solutions, business opportunities and know-how to drive the technological transformation of production processes.

02. WHO CAN APPLY?

This Call for Speakers welcomes proposals featuring inspiring and disruptive ideas, technologies, initiatives, solutions and management models. We are especially interested in success stories and projects that help industry become more competitive and improve production processes or customer services through **Industry 4.0**, with the aim of:

- Improving productivity
- Developing sustainable industries
- Creating new business models
- Expanding product capabilities and applications

Proposals may be submitted by experts, professionals or academics, either in their own capacity or on behalf of a company, institution, university, or research and development centre.

We welcome proposals that show how innovative and disruptive ideas have been put into practice, as well as systems or projects within Industry 4.0.

Speakers who share these aims and have been directly involved in the project they are submitting are invited to send their proposals to **Metal Industry 4.0 Congress.**



03. TOPICS

Proposals should address the objectives outlined above, either as a whole or in specific areas: zero-defect production, process automation, advanced manufacturing systems and smart equipment, energy efficiency, the circular economy, safety and social responsibility, connected products and extended product capabilities.

At **AMT - Advanced Machine Tools**, we believe technology enables, and is often essential to, achieving these objectives. Speakers are invited to address the following topics at **Metal Industry 4.0 Congress.**

- Metals & steel
- Energy
- Defence
- Automotive
- Construction
- Transport
- Electronics & consumer goods
- Capital goods & production



04. SUBMITTING PROPOSALS

To submit your proposal to **Metal Industry 4.0 Congress**, please complete the online form available at **this link.**

All proposals must meet the terms and conditions below.

The form will ask for the following information, among other details:

- A brief speaker biography (maximum 300 characters).
- Presentation title (maximum 100 characters).
- A brief description of the project (maximum 500 characters).
- Keywords (maximum 200 characters).
- An attached presentation or abstract, with a maximum of 8 slides or pages (maximum file size: 16 MB).

The deadline for submitting proposals is 7 February 2027.

Send your proposal!

From **22 February 2027**, the Technical Secretariat will begin notifying applicants of the results.

The Steering Committee reserves the right to request clarification or additional documentation.



05. SELECTION CRITERIA

The aim of **Metal Industry 4.0 Congress** is to give professionals and businesses a comprehensive view of the key topics in Industry 4.0 through distinctive, high-level talks showcasing the most innovative, disruptive and inspiring ideas, practices and technologies.

Selection criteria:

- Alignment with the congress objectives and themes.
- Innovation.
- Originality, disruption and a distinctive perspective.
- Completeness of the information submitted and compliance with the call requirements.
- Non-commercial content: proposals must be developed specifically for the congress and offer value to the industry. Presentations focused on promoting products or services should be avoided.

06. COMMON QUESTIONS

- **Which languages can proposals be submitted in?** The form and all supporting information must be submitted in English, Spanish or Catalan. Proposals in other languages will not be accepted.

- **Is there a fee to apply to the Call for Speakers?** No, participation is completely free.

- **How many proposals will be accepted?** The Steering Committee determines the number of proposals accepted. This may vary according to the quality of submissions and the final requirements of the programme.

- **Can I update my submission after the call closes?** To update or add information, email congress.af@barter.es

07. SELECTION PROCESS

The Advanced Machine Tools Congress Steering Committee will:

- Select the proposals it considers suitable for the programme.
- Assign proposals to a different topic from the one selected by the applicant.
- Allocate speaking time based on the session length and number of participants.

Proposals will be assessed on their innovation. Commercial proposals must be revised or the Evaluation Committee will reject them. Eligible submissions may exceed the available places, so applying does not guarantee selection to take part in **Metal Industry 4.0 Congress.**

From **22 February 2027**, the Congress Technical Secretariat will notify applicants whether their proposals have been accepted or rejected.

For accepted speakers, the Technical Secretariat will also provide details of:

- Accreditation for Metal Industry 4.0 Congress.
- The scheduled time of the session.
- The other speakers and moderator in the session.
- All logistical details and the full schedule for participation in the event.



08. Intellectual property and data protection

All participants are responsible for the authorship of their proposals and hold the intellectual property rights and, where applicable, industrial property rights. Each participant is responsible for their submission and declares that it does not infringe any intellectual property rights, industrial property rights, copyright or image rights. Participants assume full liability towards third parties. The Congress Organisers accept no liability.

The Congress Organisers will keep the proposals received and information about their companies or authors confidential, sharing them only with members of the Steering Committee.

Once a proposal has been selected, the organisers may publish information considered public: author, company or organisation, title, abstract, website and topic.

In accordance with the General Data Protection Regulation, we inform you that your data will be included in our records for the purpose of maintaining professional and/or commercial relationships.

You may exercise your rights of access, rectification, erasure and objection by contacting:

NEXT BUSINESS EXHIBITIONS S.L. (NEBEXT) at data@nebext.com



09. Contact details

For any questions or suggestions about this Call for Speakers, please contact us:

- Phone: 00 34 93 492 38 02
- Email: congress.af@barter.es

If you are interested in exhibiting or would like to explore other ways to take part in Advanced Factories, please contact us:

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



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