



**ADVANCED
MACHINE
TOOLS**

WHERE METAL MEETS TECHNOLOGY

19 April 2023 | Fira Barcelona

CALL FOR AWARDS

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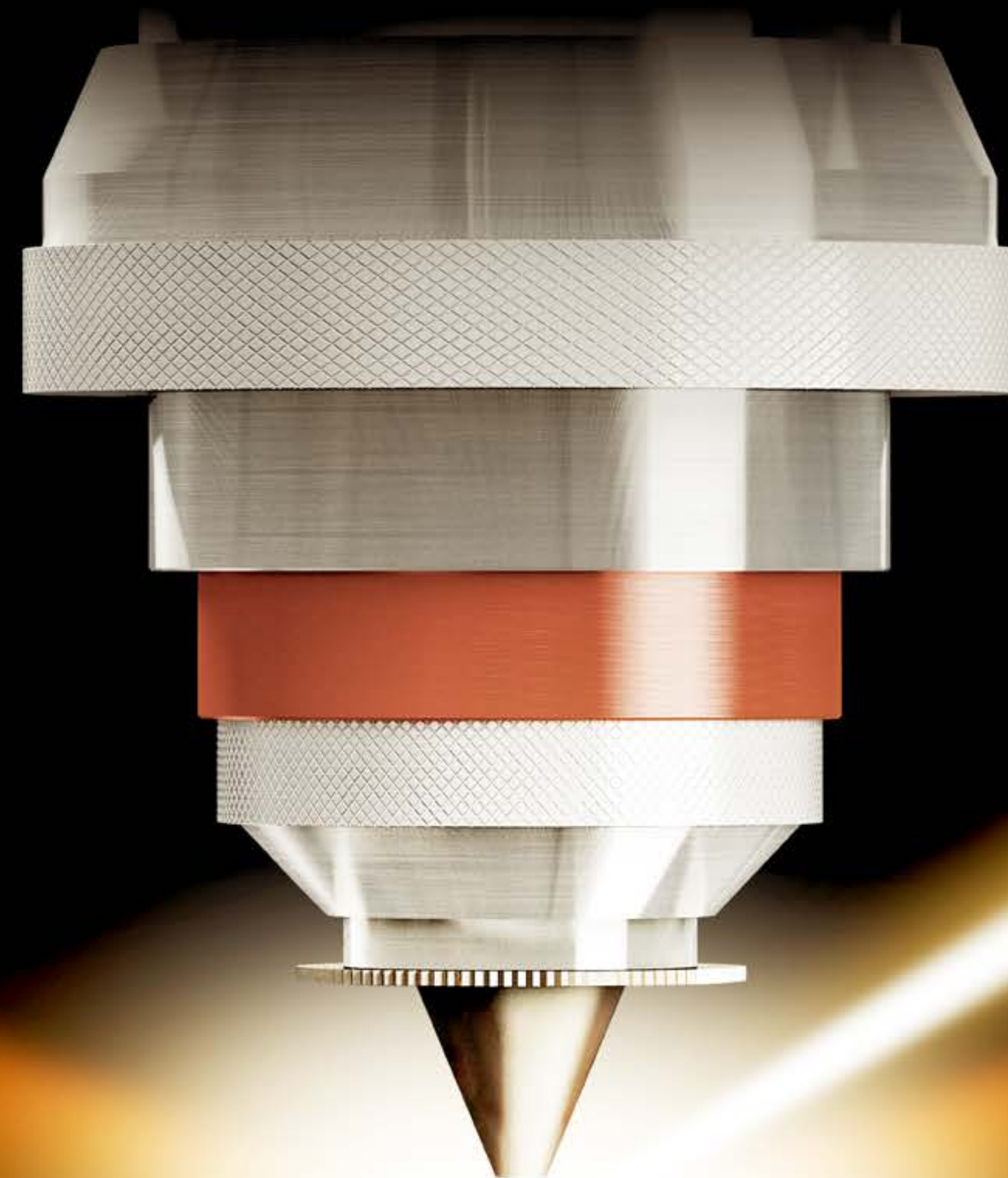


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01. FACTORIES OF THE FUTURE AWARDS 2023

The Factories of the Future Awards 2023 are designed to recognize the work, leadership and transformation of those companies that invest in innovation in the industry automation and digitalization, being Awards mission to foster and promote such innovation to be implemented on the areas of business model, new products, equipment, communication management, operational processes, marketing or customer experience.

02. ORGANIZER OF THE AWARDS

The Factories of the Future Awards 2023 are organized by Advanced Factories and AMT - Advanced Machine Tools.

Evaluation and pre-selection process will be carried out in collaboration with a technical committee of international experts.

03. WHO CAN PARTICIPATE

The Factories of the Future Awards 2023 are aimed at experts, researchers, professionals, entrepreneurs, universities, associations and organizations from all over the world who want to present and discuss the latest solutions and technologies that are emerging in the new era of Industry 4.0, as well as to spread ideas and experiences that are being increasingly consolidated in the industrial sector.

There is no restriction to participate at Factories of the Future Awards 2023. The aim of these awards is to encourage and promote innovation in industrial automation, so there is no restriction for individuals and organizations to participate in the Factories of the Future Awards 2023, as long as this premise is respected.



04. CATEGORIES TO AWARD

A. Leadership in industrial plant digitalization

This category is intended to recognize companies that have made a transformation across their processes incorporating digitization and 4.0 technologies (cybersecurity, digital twin, IoT, industrial cloud, data analytics, automation ...) in their operations or management areas. The measures presented to the prizes must be implemented before the closing date of the candidatures.

B. Best industrial equipment for the factory of the future

This award recognizes those supplier solutions that allow the implementation of advanced machinery or innovative systems that incorporate digitization and automation in industries as a key element for the competitiveness of client companies. It will be an essential requirement that the products or services are already implemented in at least two companies at the closing date of applications.

C. Most sustainable manufacturing system

This category is intended to reward the development of machining, forming or metal transformation equipment with low consumption and emissions, aiming at the radical reduction of energy use through the implementation of technologies such as recovery, synchronous motors, start & stop, automation, sensorics, Machine Learning... The equipment and machine tools candidates are called to eradicate the emission of effluents through dry working, with a view to minimizing the loss of lubricants or generation of condensates to the atmosphere. The category is open to systems based on additive technology. In all cases, a human-machine interaction that prioritizes the safety and integrity of the operators in charge of the system, favoring an agile intervention (assistants, data visualization) will be valued. Finally, the ability to manufacture without deviations/defects, avoiding waste of resources will be the fourth axis of the evaluation of candidates.

D. Most disruptive startup in the industrial sector

The award for the most disruptive Startup in the industrial field is intended to recognize newly created companies and entrepreneurial projects with a track record

of less than 4 years with a value proposition in the industrial field and manufacturing technologies. The award goes to both industrial solution providers and manufacturing and manufacturing companies.

E. Best research and development of artificial intelligence applied in industrial plants

This category is intended for developments in the field of artificial intelligence (AI) in industrial and production processes. Projects that visualize the transformative impact of the use of natural language processing technologies and machine learning in cross-cutting areas such as computer vision, maintenance, assistants, contactless solutions will be evaluated. Its combination with process robotization solutions (RPA) will also be valued. The scale of the project includes industrial implementations, pilots and proofs of concept. In the application, the start date and end date must be mentioned.

F. Best Robotics Project

Those robotics projects in SMEs or large industrial corporations concerned about the automation of their production processes may be presented in this candidacy. Projects focused on the field of innovation, research and development (R + D + I) between industrial companies, technology centers or robotics manufacturers may also be presented. Those projects for industrial robotics or collaborative robotics solutions that have been carried out in the production lines through integration systems will also be taken into consideration.

G. Award for Excellence in sustainability, industrial eco-development and circular economy

This category is aligned with the Sustainable Development Goals set by the United Nations. It is aimed to recognise the best projects on industrial sustainability. We are looking forward to those initiatives and solutions that promote the development of more efficient and sustainable production processes, optimisation of the product life cycle, recyclability and reuse of waste. Solutions that favour decarbonisation, the reduction of the carbon footprint of the final product and its production process, as well as those projects that promote relocation and favour production in local environments may also be presented.

05. PRESENTATION OF PROPOSALS

Proposals must be submitted electronically **until February 25th** through [this website form](#) and the terms conditions included in the online form must be accepted.

The proposal will consist of an abstract under 200 words. It would be appreciate an executive summary under 800 words that explains the vision and objective of the project, description of the innovation in relation to the state of the art and the positive impacts according to the industry profile to which it is adressed.

It will be positively valued the inclusion of the deployment plan carried out with a description of the necessary resources (talent -roles, skills-, teams) and the changes it represents for the companies in which the project is implemented.

The proposal may be complemented with attached files and photographs in a document under 5MB. The form and all the complementary information provided must be in English, Spanish or Catalan (proposals in other languages will not be accepted).

The organization may request any clarification or additional information on the proposals submitted. The awarded projects may be required to present their project in the congress program in its current edition or in the next.

06. EVALUATION CRITERIA

The proposals will be evaluated by the experts jury according to criteria of disruption and leadership. The proposal will be structured so that it can be identified:

- The project vision
- The value proposition
- Innovative and disruptive nature of the project
- Involvement of the human team

Project timeline description and escalation calendar will be assessed.

07. EVALUATION PROCESS

The evaluation process is divided in two phases:

PHASE 1: Compliance with the regulations and pre-selection

the organization and the Technical Committee of experts will carry out the first evaluation to check if the submitted proposal meets the defined selection requirements and criteria. The evaluation process will be carried out by the members of the Committee of Experts individually and will serve to choose the finalists for each category. Shortlisted candidates will be informed as of March 9th, 2023. If needed and exceptionally, the organization will ask for complementary information to the candidate's proposal.

PHASE 2: Winners' selection: the International Committee of Experts will meet the days prior to the celebration of the Delivery Gala, will evaluate the finalist projects and will select the winner of each of the categories. Any prize award category could be declared void by the International Committee. The Committee may assign the nomination to a different category for which it was submitted.

08. DEADLINES

Proposals must be send before **February 28th, 2023**.

Pre-selected candidates will be informed as of March 9th, 2023.

09. PRIZES

The Factories of the Future Awards 2023 will give the winners with the following prizes:

- A single invitation to attend to the awards ceremony for each of the finalists in each category.
- Delivery of the award accrediting the award obtained and the corresponding category.
- Dissemination of each of the awards achieved to all the general and specialized media accredited at Advanced Factories - Advanced Machine Tools.

10. INTELLECTUAL & INDUSTRIAL PROPERTY RIGHTS

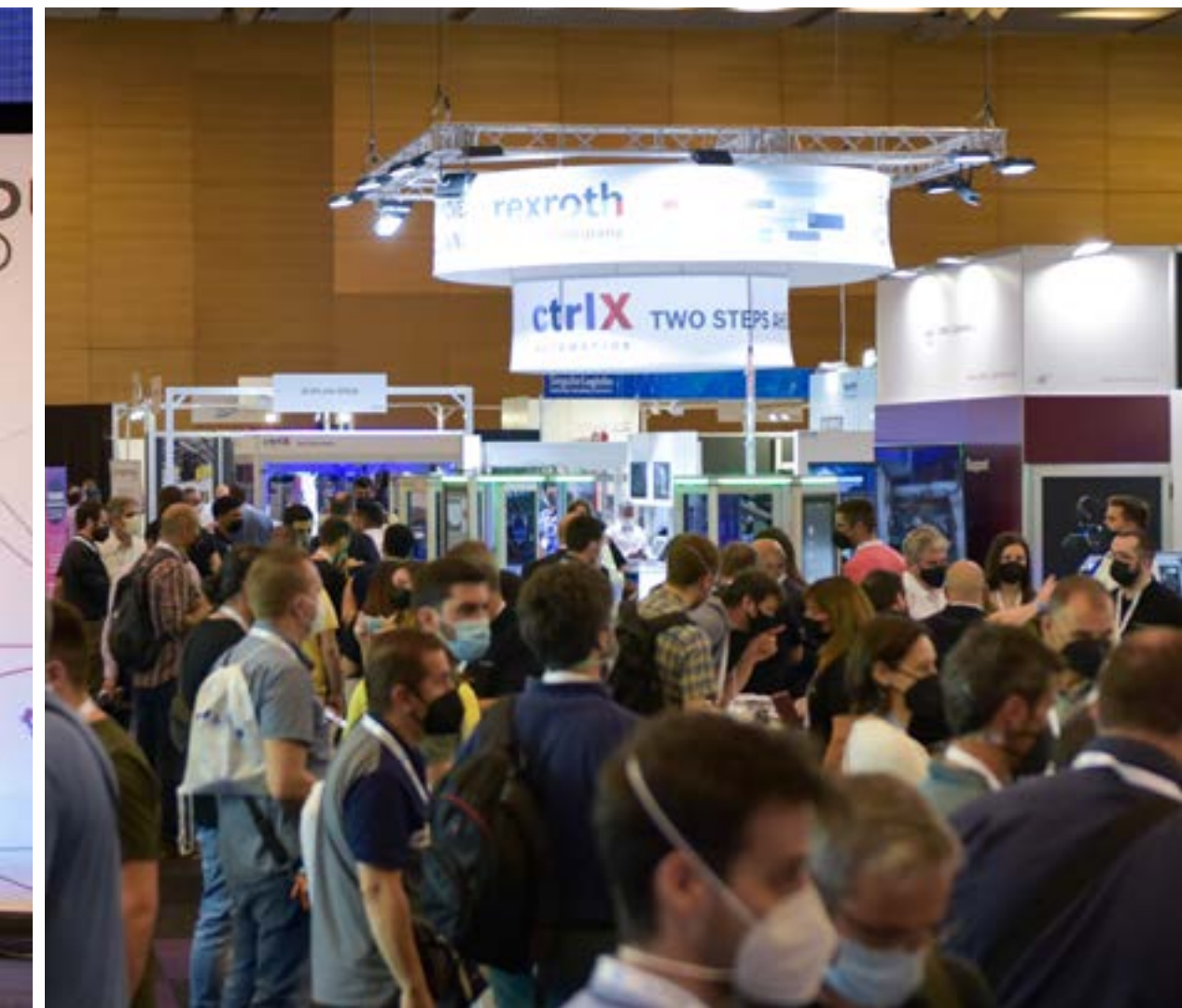
The participants are responsible for the authorship of the submitted proposal, he / she must be the owner of the intellectuality and, where appropriate, of the industrial rights. The participant agrees not to violate intellectual property rights, industrial property rights, copyright and / or image rights, and assumes the total responsibility of third parties: the organization is free of all responsibility.

If the proposal is a finalist, the participant authorizes the organization to disseminate, reproduce and publish their proposal in any type of format and by any means to publicize the Factories of the Future Awards 2023.

11. DATA PROTECTION

Due to the confidential nature of the information provided, the organizers, the coordinator and the members of the Technical and Committee of the awards guarantee to maintain the identity of all participants and the content of their projects outside the sphere of the Factories of the Future Awards 2023. This also includes all information about your current condition or development.

Once the project is selected as a finalist, the organizers of the awards will be able to make public all the details considered as public (name of the project, responsible organization, person in charge, web pages, description, purpose and category).



09. CONTACT DETAILS

If you have any questions, doubts or suggestions regarding this call for speakers or the Metal Industry 4.0 Congress, please contact us at:

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

If you are also interested in exhibiting or partnership options to maximize your company's profile at Advanced Machine Tools please contact us at:

- Telephone: 00 34 931 593 654
- Contact: exhibit@advancedfactories.com



Metal Industry 4.0 Congress



Machine-tool Digital Demo Area



Factories of the Future Awards 2023



Leadership Summit



Technological tours



Plant Manager's Summit



Foro Ciberseguridad Industrial



National Congress of Industrial Areas Managers



Talent Marketplace



ADVANCED MACHINE TOOLS



NETWORK



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PERFORMING STUNNING EXHIBITIONS FOR YOUR BUSINESS SUCCESS



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Advanced Machine Tools is an event of:

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