

ENTRY FORM - ROBOTICS AWARD 2020

The prize for applied robotics solutions

Industrie
anzeiger



All information provided will be kept confidential. The closing date for entries is 20. February 2020.

Project title	
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Section A: Company information

Company name	
Industry	
Number of employees	
Street address	
Postal code – City	
Country	
VAT Identification Number	(Only for EU-based companies)
Internet address	

Contact person

Title	
First name – last name	
Phone	
Fax	
Mobile phone	
E-mail	

How did you find out about the award?

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Section B: General

General information:

The ROBOTICS AWARD was first presented at HANNOVER MESSE 2011 and was such an enormous success that it is now given annually.

The ROBOTICS AWARD is offered and presented by HANNOVER MESSE in association with the Robotation Academy and the Industrieanzeiger trade journal. Companies and institutions from all countries are invited to submit entries.

The ROBOTICS AWARD encompasses the following prizes:

1st place:

- Full coverage of the winning organization in the Industrieanzeiger trade journal and in a special edition of Industrieanzeiger dedicated to the award
- Communication package for HANNOVER MESSE 2021 valued at € 10,000
- 30-minute presentation slot in front of professional audience and press at the Robotics Congress 2021
- Roll-up banner announcing the winning placement, for use on the company's stand at HANNOVER MESSE 2020 in the event of participation

2nd place:

- Editorial write-up in the Industrieanzeiger trade journal and in a special edition of Industrieanzeiger dedicated to the award
- 30-minute presentation slot in front of professional audience at the Forum Automation 2021
- Roll-up banner announcing the 2nd placement, for use on the company's stand at HANNOVER MESSE 2020 in the event of participation

3rd place:

- Editorial write-up in the Industrieanzeiger trade journal and in a special edition of Industrieanzeiger dedicated to the award
- 30-minute presentation slot in front of professional audience at the Forum Automation 2021
- Roll-up banner announcing the 3rd placement, for use on the company's stand at HANNOVER MESSE 2020 in the event of participation

The ROBOTICS AWARD will be presented to the winners at 3:30 p.m. on day two of HANNOVER MESSE 2020 (21st April 2019) in the Forum Automation (Hall 06).

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Entries are open to solutions, projects and products or technological innovations (e.g. plant/equipment, processes, software components as key parts of a project or technical innovation) which

- make an innovative contribution to robotics-based solutions in industrial automation and/or mobile robots and/or autonomous systems,
- will be a novelty and/or constitute a significant advancement compared with previous times when they were on public display (the advancement can be a certification, registration or permit gained since the last time they were on display),
- are market-ready, meaning that they have already undergone industrial trials and/or are already in industrial use in the entrant's own organization or in (pilot) customer's organization. If, the technology is only just about to be put into industrial use, then sufficient alternative proof must be provided demonstrating that the technology is market-ready.
- are particularly innovative in technical and economic terms, and hence
- have the potential to make an important contribution to satisfying the needs of industry and/or society.

An independent committee of scientific experts will scrutinize all entries and put forward the best for consideration by the main jury. From among these, the main jury will then select the overall winners.

The members of the ROBOTICS AWARD main jury are:

Prof. Alin Albu-Schäffer

Head of the Institute of Robotics and Mechatronics, German Aerospace Center (DLR)

Marc Brosig

Head of System Technologies Dept., Volkswagen AG

Prof. Norbert Elkmann

Head of the Robotic Systems Business Unit, Fraunhofer IFF

Werner Götz

Chief editor and member of the Board of Management, Konradin Mediengruppe

Olaf Katzer

Head of Training and Career Development at Volkswagen AG and
Managing Director of Technology and Technical Training at the Robotation Academy

Prof. Tobias Ortmaier

Head of the Institute of Mechatronic Systems, Leibniz Universität Hannover

Franz Vogt

Maintenance, SMP Deutschland GmbH

The Jury's decision is final and no correspondence will be entered into.

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Entries will be judged against the following criteria:

Degree of technological innovation (“technology driver”)

- Advancement on current state of the art
- Technological quality and creativity
- Unique characteristics that differentiate the project from previous solutions

Benefits for industry, the environment and society

- Technological benefits in practical application
- Favorable environmental and social impact

Economic aspects (“market driver”)

- Economic benefits for users
- Demand situation/potential markets and/or potential uses in other areas of application

The following are also relevant for the evaluation process:

- A **detailed, easy-to-comprehend technical description** of your entry, which will be judged primarily in terms of its technical traits. The jury consists of experts. Therefore, please be sure to provide an in-depth explanation of your entry. Otherwise the jury will not be in a position to properly assess it and recognize its true value.
- A **short, informative video** about the solution entered; this need not be a professional production – an amateur recording will suffice. **Important:** The photos and video clip provided should make the innovative character of the entry clearly evident, and should if at all possible be real rather than computer-animated. Please be sure to explain the innovation in the video. Max. clip length: 1 minute. File format:*.wmv. It is also possible to simply provide a link to a video that has already been published, e.g. on YouTube.
- Information as to whether **registrations/permits or TÜV certifications** are necessary. If these have already been granted/issued, please include them with the entry or indicate when they will be made available.
- Details of **patents** pending or granted.
- If safety considerations apply to the solution you are entering (e.g. human-machine interfaces), please provide **evidence that any necessary registrations/permits have been obtained.**
- If **components and solutions produced by partners** constitute substantial parts of the application submitted, please specify these in the entry.
- **Quality of the entry presentation (form/manner of presentation)**
A clear-cut technological description, the innovation should be professionally described
- **Reality test in real-life industrial applications (prerequisite) or, failing this, proof that industrial implementation of the solution is only “just around the corner” accompanied by a description outlining the solution’s practicability for industrial implementation.**

IMPORTANT: When finished filling out the entry form, please go back and make sure you have addressed each and every point.

Terms and conditions of entry:

The award is not open to employees of jury members.

The entry documentation must be submitted in either German or English. It must be in the form of a single PDF file and may only be delivered electronically. **The entry documentation must provide a clear and complete description of the project and comprise no more than 10 A4 pages (including Sections C and D). It must, in particular, address all technical issues, provide all the relevant technical data and explain all the relevant functional principles.**

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The 10-page limit does not include visual material. The entry must be supported by a brief video demonstrating the solution's functional principles or processes. Please ensure that the video is in .wmv format and sent to us via e-mail. In the case of large files, please feel free to contact us to arrange an FTP upload. You should also indicate any patents pending or granted. If safety considerations apply to the solution you are entering (e.g. human-machine interfaces), please provide evidence that any necessary registrations/permits have been obtained. Please also briefly identify any partners who have contributed to the solution and/or any third-party systems that are integrated into the solution.

Deutsche Messe guarantees that the documentation submitted will be made available only to personnel directly involved in the running of the award and to jury members. This group of authorized recipients will be legally bound by non-disclosure agreements. Notwithstanding this, we recommend that all entrants take all appropriate measures to safeguard their intellectual property rights (for example, by applying for patents, utility models, etc.). Deutsche Messe accepts no liability whatsoever for losses occurring as a result of any infringement of rights subsisting in products submitted as entries for the ROBOTICS AWARD.

Each entry will incur an entry fee of € 190.00 plus VAT. Deutsche Messe AG will issue an invoice for this amount after it has received the entry documentation.

The entry documentation must be accompanied by

- this entry form, with Sections A to D properly completed,
- informative image and video material and, where applicable, supporting sketches and graphics of the solution **sent to the following e-mail address:**

Contact: Mr. Mike Bär
Tel.: +49 511 89-31132
E-mail: mike.baer@messe.de

Entries will not be considered unless the entry documentation is complete and has been received by Deutsche Messe by the closing date for entries.

The closing date for entries is 20. February 2020

By completing this form, I confirm that

- I have read and accept all the terms and conditions of entry, and
- I have completed this form to the best of my knowledge and belief and all information provided is correct

Date:

Signature:

I hereby confirm that all development work on the project entered was done in the above-stated company/organization and that said company/organization has given its permission for said project to be submitted for the ROBOTICS AWARD.

Date:

Signature:

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Section C: Project information

Project title

Project description (max of 1,000 characters)

A clear-cut technological description, the innovation should be professionally described

**Patent No.
(if applicable):**

Why should my entry win the 1st prize in the ROBOTICS AWARD?

(max. of 500 characters)

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Section D: Questionnaire Please be concise, accurate and factual in your answers, using keywords where appropriate (max. 400 words per answer).

Degree of technological innovation

A clear-cut technological description, the innovation should be professionally described

In what respect does your project constitute an improvement over the current state of the art?

Describe the technological quality and creativity of your robotics solution.

What unique characteristics does your robotics solution have that differentiate it from previous solutions?

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Benefits for industry, the environment and society

What particular technological benefits and what limitations does your robotics solution have in industrial practice?

Describe the ways in which your robotics solution benefits the environment, improves ergonomics and work conditions and is relevant to society.

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Economic aspects

What are the economic benefits of the use of your robotics solution?

What level of demand and what principal markets (market size, number of units sold, market share) do you anticipate for your robotics solution? To what extent do you think your solution is transferable to other fields of application?

Reality test in real-life industrial applications

To what extent has a reality test already taken place in an actual industrial setting, or is such a test going to take place in the near future?

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