



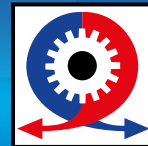
REGISTRATION FORM

TO THE BEST INNOVATION EXHIBIT COMPETITION

GOLD MEDAL

OF THE 64th INTERNATIONAL ENGINEERING FAIR MSV

ufi
Approved
Event



MSV 2023

Precise name of the exhibit (in Czech):	
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Precise name of the exhibit (in English):	
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The exhibit is entered in the category (see Art. 4.6 of the Articles)	
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Brief characteristic of the exhibit (in Czech – approx. 5 sentences)	
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Brief characteristic of the exhibit (in English – approx. 5 sentences)	
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Manufacturer:	
(name and address of the company, telephone, e-mail, www)	

Exhibitor:	
(name and address of the company, telephone, e-mail, www)	

Location of the exhibit at the Fair (hall, stand No.)	
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Registration fee:

- one registration form CZK 5,000 + VAT (6,050 CZK)
- the second and each next registration form CZK 4,000 + VAT (4,840 CZK)

Registration deadline:

25. 9. 2023

Entrant / Remitter:	
Trade name and address of the company:	
ID. No., VAT No.:	
Bank connection:	
Contact person:	
E-mail, mobile:	

We agree with the terms of the competition set out in the Articles forming an integral part of the Registration Form.

In date Seal and signature of the entrant
(In case of electronic form only the name of the entrant)

The Entrant shall fill out all data in a legible manner and bear responsibility for their correctness. The text in the registration form is binding for the diploma in the event of the award, for printing and invoice purposes.

Billing data: Veletrhy Brno, a.s., Výstaviště 405/1, CZ-603 00 Brno, ID. No.: 25582518, DIČ: CZ25582518

BANK CONNECTION: ČSOB, a.s., SWIFT: CEKOCZPP IBAN: CZ85 0300 0000 0000 0340 1803, Account No.: 3401803/0300, Constant symbol: 0558, Variable symbol: Entrant's ID. No., Specific symbol: 5999219010

Contact: Mr. Jaroslav Bílek, BVV Trade Fairs Brno, phone: +420 602 584 376, e-mail: jbilek@bv.cz



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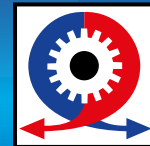
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ANNEX P1 TO THE REGISTRATION FORM TO THE BEST INNOVATION EXHIBIT COMPETITION **GOLD MEDAL** OF THE 64th INTERNATIONAL ENGINEERING FAIR MSV

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Recommendations for completing the application:

Annexes P1, P2 and P3, which are given below, serve for evaluation of an exhibit according to 5 criteria: the novelty, the level of innovation, the degree of innovation, the difference of the main and additional functions from a comparable product in the market. Annexes refer to the Articles, which are part of the application.

Please, tick the option, which define the entered exhibit at most. It is recommended to enclose a commentary to the chosen options in a separate document.

We recommend the technical experts of the exhibitor to be involved in the completion of the application form for the prestigious Gold Medal competition, preferably the author or their colleagues, who can significantly support the fulfillment of the technical criteria of the exhibit (novelty, inventiveness, the rank of innovation, the difference of the main and additional functions from a comparable product on the market).

Novelty of the Exhibit (Art. 6.1)

1. To demonstrate the novelty of the exhibit **by law** means to provide **a copy of the proof** of legal protection of the technical arrangement (patent, trademark), which is part of the exhibit.

We enclose: yes no

2. **A comment of the entrant** on the novelty perceived by the customer or the manufacturer is a certain **information on novelty** of the exhibit technical arrangement.

Innovation according to **novelty** as perceived by the customer and manufacturer¹⁾
(please tick)

- 1) Incremental innovations:
Requires only a **minimum amount of new technology from the manufacturer**, and produces **products with small advantages and benefits for users and does not require changes in user habits.**
- 2) Technical (production, technological) innovations:
Requires **major changes in technology from the manufacturer** (production process innovation), and produces **products with small advantages and benefits for the customer.**
- 3) Application (user) innovations:
Do not require new technology from the manufacturers but they are **brand new with benefits (functions) for customers and therefore require changes in the use of these products.**
- 4) Radical innovations:
These mean an **implementation of high levels of production process innovation** by the manufacturer, which produce **brand new products to both manufacturers and customers.** Radical innovations often require changes in user habits of customers.

We enclose commentaries to individual counts separately:

yes no

¹⁾ R. Vlček: Management hodnotových inovací (Value Innovation Management), University of Economics, Prague, Management Press, 2008



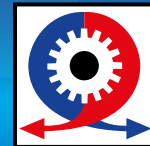
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ANNEX P2 TO THE REGISTRATION FORM TO THE BEST INNOVATION EXHIBIT COMPETITION **GOLD MEDAL**

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OF THE 64th INTERNATIONAL ENGINEERING FAIR MSV

Invention levels and innovation ranks (Art. 6.1.1 and 6.1.2 of the Articles)²⁾

Invention levels (please, tick):

- 1. **Takeover** – exhibit includes invention at a degree: taking over a known design solution – no change
- 2. **Adjustment** – exhibit includes invention at a degree: adjustment of a known design solution
- 3. **Transformation** – exhibit includes invention at a degree: transformation of a known solution
- 4. **Creation** – exhibit includes invention at a degree: creation of a new solution pattern

We enclose commentaries to individual counts separately:

- yes
- no

Innovation ranks:

Innovation rank means a certain dimension of a change characterizing the innovation.³⁾

- 0. **Regeneration**: restoration of the original features of some production factor (e.g. maintenance, parts replacement).

RACIONALISATION: (production, process innovation)

- 1. **Quantification**: frequency change in production factor/factors without changing their properties (qualities).
- 2. **Intensification**: change of e.g. speed of operation without changing the quality and the links between the factors of production.
- 3. **Reorganization**: changing relations between the production factors without changing the factors/agents quality.
- 4. **Adjustment**: the adjustment of most of the links between the production agents/factors without quality changes to the user. Adjustment of production factors/agents for other purposes than the original.

QUALITY INNOVATION: (product innovation)

- 5. **New variety** differs by the change of **partial qualities** (in one or several functions, properties, characteristics) of **one or several production elements** while maintaining the structural design of the product generation.
- 6. **New generation** is distinguished by the change of **critical qualities** (functions) of **more elements or even the whole structure**, while maintaining the design concepts of the products.
- 7. **New type** of product, differs by a changed **design concept** of the whole including essential functions, changing everything except (while maintaining) the principle of operation of the product line.
- 8. **New product line** is distinguished by a change in the **principles of operation** while maintaining the known produced product Contained.

TECHNOLOGICAL REVOLUTION: (micro technology, nanotechnology)

- 9. **New strain** of the product is distinguished by modifying the **principle of acting on a mass**; the new method is based on new knowledge about nature, discoveries.

We enclose commentaries to individual counts separately:

- yes
- no

²⁾ according to prof. F. Valenta, University of Economics, Prague

³⁾ F. Valenta, Innovation in Management Practice, Innovation ranks, University of Economics, Prague, 2001



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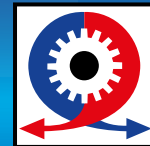
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ANNEX P3 TO THE REGISTRATION FORM TO THE BEST INNOVATION EXHIBIT COMPETITION **GOLD MEDAL** OF THE 64th INTERNATIONAL ENGINEERING FAIR MSV

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1. Difference of the main function of the exhibit (Art. 6.2)

The entrant shall describe and the committee shall evaluate the difference between the main functions of the exhibit and the main functions of a comparable competitive product in the market.

2. Difference of the additional features of the exhibit (Art. 6.3)

Additional functions (AF) of every technical system (TS: equipment, process, service) decrease the so-called "additional costs" of the user (not only financial costs but also time, energy, space, physical, intellectual effort, etc ...). The user incurred a certain cost, bought your TS (f. e. hand drill) to use its main function and thus affected user's produced product (drilled holes). But apart from the main function, advanced TS also provide additional functions (desired benefits) derived from various types of incremental costs incurred by the user after purchasing your TS. Where costs arise for the user, there is an objective need to reduce those costs through AF. There are four types of incremental costs and thus also four types of potential additional features (benefits, impacts), more or less fulfilled by your TS.

After delivery, your TS provides not only the main function to the user but also provides a certain quantity (count) and quality (ratio) of additional functions (AF) which reduces the user's incremental costs and therefore objectively increases the competitiveness of your TS.

Please, tick:

1. AF – focusing on **complementary activities**:

- **before** the main impact on a user's certain product (before drilling), or
- **during** the main impact on some user's product (after drilling), or
- **after extending impact** also on other user's products (grinding, mixing, pumping etc.).

3. **Security AF** – focusing on reducing additional costs that the user would otherwise have to spend to **prevent of creation or limiting the consequences of damage**:

- **in the supra-system** (humans, nature, other TS) caused by your TS,
- **on your TS** caused by the supra-system (humans/nature/other TS),
- **inside your TS** caused by the TS itself.

2. **User AF** – focusing on reducing costs during the TS user phase:

- TS storage
- TS transport,
- TS work (operation),
- TS maintenance,
- TS disposal.

4. **Supra-system-friendly AF** – focusing on reducing user's costs which would otherwise have to be spent on:

- TS adjustment in accordance with the **standards** of various supra-systems,
- respect for the **particularities** of the various possible supra-systems,
- implementing the occasionally necessary **operations** in the possible supra-systems,
- meeting the commonly accepted human **values** (health, emotions, self-esteem, conformity, individuality, ...).

We enclose commentaries to differences

of the main function and additional features:

yes no

Supporting documents (tick, which documents you enclose):

- picture (jpg, in printing quality)
- specialized articles and publications on the exhibit,
- visualization of the exhibit in operation (animation, video, CD/DVD etc.),
- list of current users and/or number of pieces sold,
- information on any awards already received,
- other information and promotional materials concerning the exhibit at the discretion of the entrant,
- other

All documents must be sent only in the electronic form!



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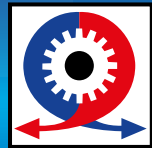
STATUTES

TO THE BEST INNOVATION EXHIBIT COMPETITION

GOLD MEDAL

OF THE 64th INTERNATIONAL ENGINEERING FAIR MSV

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MSV 2023

Article 1 The Gold Medal competition promoter

Confederation of Industry and the Brno University of Technology announce a competition for the Gold Medal for best innovative exhibits at the International Engineering Fair 2023. The organizer of the MSV Gold Medal competition is traditionally BWV Trade Fairs Brno.

Article 2 Evaluated objects in the Gold Medal competition

The evaluated objects are innovative exhibits, which means commercial products (products, technologies, services) for the market that are presented at the fair and are comparable to the world class or even exceed it.

Article 3 Objective of the evaluation of the exhibits in the Gold Medal competition

The aim of the evaluation is to award the Gold Medal for such results of creative work which best materialize the R & D results in innovation – an innovative exhibit, a competitive commercial product in the market.

Article 4 Evaluation procedure in the Gold Medal competition

4.1 The evaluation of exhibits is performed by an independent professional evaluation committee, comprised of experts, representing the academics and professional associations in the Czech Republic. The committee members shall be appointed by the competition promoters and organizer based on recommendations made by the committee chairperson. The committee is led by its chairperson. The committee's work is not public.

4.2 The evaluation committee evaluates exhibits according to the character of the competition category criteria listed in Article 4.6.

4.3 The evaluation committee evaluates the exhibits according to the criteria set out in Article 6, first by studying the materials supplied by the entrant and then based on the presentation of exhibits at the exhibition stand. The entrant must provide the evaluation committee members with a qualified interpretation and presentation of the exhibit at the exhibition stand on the day before the fair, i.e. **Monday 9. 10. 2023 from 1.00 p.m.** The evaluation committee has the right to request additional information about the exhibit from the entrant or the exhibitor at any time during the evaluation. The committee makes the evaluation in two rounds. In the first round of evaluation, all submitted exhibits are evaluated and the committee nominates exhibits for the award. In the second round of evaluating the nominated exhibits, the committee proposes the Gold Medal award.

4.4 The Gold Medal is awarded by the competition promoters.

4.5 The Gold Medal is presented by the representatives of institutions interested in introducing the results of research and development as innovative products in the market.

4.6 Categories of the Gold Medal competition:

1. Gold Medal for **innovation which demonstrably incurred as a result of contractual collaboration of companies with research organization** in the Czech Republic or/and Slovak Republic within development projects funded by the state (the entrant must be a company, a research organization is stated as a manufacturer). The exhibit must be no less than a functional sample.
2. Gold Medal for **production machine innovation**
3. Gold Medal for **innovative manufacturing technology**
4. Gold Medal for **innovation in automation technology and Industry 4.0**
5. Gold Medal for **innovative engineering components**
6. Gold Medal for **innovation in transport and logistics**
7. Gold Medal for **lifetime creative and technical work and for innovative actions achieved**. The committee has the right not to award any of the exhibits in a certain category where the quality of the submitted exhibits in the category does not correspond with the requirements for the competition, or if the number of exhibits in a category is less than three. The judges have the right to award two Gold Medals in competition exhibit categories in exceptional circumstances. Exceptionally Honorary Golden Medal may be awarded.

Article 5 Rules of the Gold Medal competition

5.1 Submission of a properly completed application form by the closing date (**25. 9. 2023**).

5.2 Delivery of documents for evaluation by the closing date (**25. 9. 2023**).

5.2.1 Compulsory documents (all in electronic and printed form):

- image (jpg format) and description of the purpose of the exhibit (principal function),
- short synopsis describing the competitive exhibit (up to 5 sentences) in English and Czech,
- commentary on the performance criteria set out in Article 6.1, 6.1.1, 6.1.2,
- description of functions and their parameters, which make the exhibit better than competing products in the market (Article 6.2, Article 6.3),
- documents of compliance with legislative requirements.

5.2.2 Supporting documents (all in electronic and printed form):

- specialized articles and publications on the exhibit,
- visualization of the exhibit in operation (animation, video, CD/DVD etc.),
- list of users and/or number of pieces sold,
- information on any awards already received,
- other information and promotional materials concerning the exhibit at the discretion of the entrant.

5.3 Payment of the registration fee into the account of the organizer (a properly completed application serves as a pro forma invoice). Invoicing details are given in the application.

5.3.1 Registration fee – **1st application (1 exhibit): 5,000 CZK + VAT.**
For each additional application: 4,000 CZK + VAT.

5.3.2 An invoice will be sent in the given accounting period to all entrants who pay the registration fee into the account given above and properly complete the stipulated details in their application.

The application, documents for evaluation, annotation and confirmation of the registration fee payment shall be delivered in an electronic form to the address of the organizer (for the attention of Mr. Jaroslav Bilek, BWV Trade Fairs Brno, e-mail: jbilek@bvv.cz) by 25. 9. 2023 (the deadline for applications).

5.4 Application form, competition statutes, Annexes to Article 6 of the statutes, information about the required annexes and other information are available on <http://www.bvv.cz/msv>.

5.5 All documents (5.2.1 – compulsory documents, 5.2.2 – supporting documents, 5.2.3 – annotation) must be delivered in electronic form (send via e-mail) to the address jbilek@bvv.cz.

5.6 After meeting the conditions laid down in Article 5.1, 5.2, the exhibit will be included in the official list of registered and evaluated exhibits in the Gold Medal competition.

5.7 The submitted exhibit must be exhibited at the MSV for the first time. An exhibit which was previously presented at MSV can also be entered, but it must have been demonstrably innovated in the meantime.

5.8 The promoter and organizer reserve the right to change the competition rules. In this case, the organizer undertakes to promptly notify the entrants.

Article 6 Evaluation Criteria of exhibits in the Gold Medal competition

6.1 Novelty of an exhibit

The entrant shall give evidence and the committee shall evaluate the novelty of the exhibit:

- 1 – by law (patent, utility model);
- 2 – by the novelty perceived by the customer or the manufacturer (incremental, technical, application, radical). (For more details, see the Statutes, Annex concerning novelty – P1.)

6.1.1 Degree of invention in the exhibit

Invention is understood as creative originality in design – intellectual basis for innovation. The entrant shall describe this in the comments and the committee evaluates the degree of invention in the exhibit: acceptance of the model, adaptation, transformation, creating a new model. (For more details on the level of invention see the Statutes, Annex – P2.)

6.1.2 Level of innovation of the exhibit

The entrant shall describe the degree of changes in the exhibit from the known state of technology and the committee evaluates the achieved innovation progress of the exhibit – displayed manufacturing technology (regeneration, quantification, intensification, reorganization, adaptation) and/or – displayed product (a new variety, new generation, new type, new line, new strain). (For more details on the systems of innovation see Statutes, Annex – P2.)

6.2 Difference of the main function of the exhibit

The entrant shall describe and the committee shall evaluate the difference between the main functions of the exhibit and the main functions of a comparable competitive product in the market.

6.3 Difference of the additional features of the exhibit

The entrant shall describe and the committee shall evaluate the difference in the number and rating of additional features provided by the exhibit compared to additional features of a comparable competing product in the market. (More details about the features, see the Statutes, Annex – P3.)

Article 7 Publication of the Gold Medal competition results

7.1 A List of registered exhibits, exhibit nominees, a list of members of the evaluation committee and the best evaluated exhibits will be published in the press and on the website of the organizer at www.bvv.cz/msv.

7.2 The competition results will be officially announced at the social event on 10. 10. 2023, where the Gold Medal awards will be presented.

7.3 The Gold Medal is awarded to the innovative exhibit in the category (Article 4), which scores the highest number of points in the multi-criteria evaluation (Article 6). The Gold Medal award has a form of the competition symbol and a diploma. The sculpture and the diploma can be used for further promotion of the award-winning exhibit. The entrant has the right to use the competition logo for the purposes of promotion. Awarded exhibits are guaranteed a presentation in the trade media of the media partners to the fair, in BWV Trade Fairs Brno press releases, and on the website www.bvv.cz/msv.

7.4 The exhibit evaluation process is not public. The promoter and organizer of the competition will make the results of the competition available to the press, audio-visual media, professional associations, the Chambers of Commerce and other interested organizations and institutions.

BWV Trade Fairs Brno
www.bvv.cz/msv

Competition deadline: **25. 9. 2023** Later applications and supporting documents **will not be included.**