



V international conference "Electron beam welding and related technologies"

Data: 13-16 November 2023 г.

Location Cosmos Izhevsk Hotel, Russia, Udmurt Republic, Izhevsk, st. Borodina, 25

Founders

- The Ministry of Science and Higher Education of the Russian Federation;
- JSC "Scientific Research Technological Institute "Progress";
- National Research University "Moscow Power Engineering Institute";
- Perm National Research Polytechnic University;
- Publisher "Mechanical engineering technology".

The Purpose of the Conference

Discussion of the latest advances in the field of electron beam treatment technologies (welding, cladding, heat treatment, coating etc.) and weld joints diagnostics.

Participants

- Research institutions;
- Educational institutions;
- Industrial engineering companies (aerospace industry, rocket science industry, oil and gas industry, power engineering industry, etc.);
- Electron beam welding equipment and testing technology manufacturers.

Conference Sections

- Physical processes in the material treatment with high-concentrated energy flows.
- Electron beam treatment technology.
- Additive technologies.
- Electron beam treatment equipment.
- Welding materials science, strength and diagnostics of welded joints.



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The Terms of Participation

Registration Fee

Participation in the Conference is free. No registration fee is required.

1. Participation with a Report:

1.1. In case of participation with a report it is necessary to fill the application form which is available on the Conference web-site ebw.mpei.ru/en or send a request by mail ebw2023@mail.ru.

1.2. Full text of reports made in accordance with the requirements (available on the conference web-site ebw.mpei.ru) should be submitted to E-mail: ebw2023@mail.ru before **September 15, 2023**.

2. Participation without Report

In case of participation without a report, it is necessary to fill the application form, which is available on the Conference web-site ebw.mpei.ru or send a request by mail ebw2023@mail.ru before **October 15, 2023**.

The form of the conference – is internal (full-time).

Official Languages – Russian and English.

Accommodation.

The accommodation of the participants is available in hotel on prior request (until **30 September 2023**)

Additional Information

All reports will be reviewed by the Organizing Committee of the Conference.

Successfully reviewed reports in Russian will be published in a special supplement of the “Welding Production” journal and posted in the Scientific Electronic Library elibrary.ru integrated with the Russian Science Citation Index (RSCI).

The conference provides a youth section on electron beam technologies for students and graduate students.



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Conference Program Committee

CHAIRMAN:

VICTOR DRAGUNOV

Professor, R&D Chief NRU "MPEI", Moscow, Russia

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Professor, Corr.Member of Bulgarian Academy of Sciences, Emil Djakov Institute of Electronics, Sofia, Bulgaria

Igor POBOL

Head of Scientific Research Center of Physical Technical Institute. Belarus National Academy of Science, Minsk, Belarus

HASSE Thomas

Dr., Leibniz Universität Hannover Institute of Materials Science, Germany



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Organizing Committee of the Conference

CHAIRMAN:

Alexander ZYLEV

Deputy Head of Science and Production, JSC "SRTI Progress", Izhevsk, Russia

VICE-CHAIRMAN:

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Associate professor, Head of Metals Technologies dept., NRU "MPEI", Moscow, Russia

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Professor of Materials science dept., Moscow automobile and road construction University, Russia

THE SECRETARIAT

General questions and work with Russian-speaking participants

Maxim CHEPURIN – Associate professor of Metals Technologies dept., NRU "MPEI", Moscow, Russia

Working with foreign participants

Regina RODYAKINA – Associate professor of Metals Technologies dept., NRU "MPEI", Moscow, Russia

Coordination and work with participants in Izhevsk

Ekaterina SHAIMOVA – document specialist of JSC NITI Progress

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E-mail: ebw2023@mail.ru

Сайт: ebw.mpei.ru



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Preliminary program of the conference

13 november, monday

Arrival of the conference participants, hotel accommodation

14 november, tuesday

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| 12.00-13.00 | Registration of participants |
| 13.00-14.00 | Plenary session |
| 14.00-14.20 | Lunch break |
| 14.20-16.00 | Reports of the conference participants |
| 16.00-16.20 | Coffee-break |
| 16.20-19.00 | Reports of the conference participants |
| c 19.00 | Excursions around JSC NITI Progress, and then a buffet table |

15 november, wednesday

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| 10.00-11.30 | Reports of the conference participants |
| 11.30-11.50 | Coffee-break |
| 11.50-13.20 | Reports of the conference participants |
| 13.20-14.20 | Lunch break |
| 14.20-15.50 | Reports of the conference participants |
| 15.50-16.10 | Coffee-break |
| 16.10-17.40 | Reports of the conference participants |
| 17.40-18.00 | Summing up the results of the Conference |
| C 18.00 | Final buffet and closing of the conference |

16 november, thursday

Departure of Conference Participants

**The duration of reports at the plenary session is 20 minutes, the remaining reports are 10 minutes.*