

**INTERNATIONAL CONFERENCE  
'WELDING IN RUSSIA 2019:  
STATE-OF-THE-ART AND PERSPECTIVES'**

**SEPTEMBER 3–7, 2019  
TOMSK, RUSSIA**

*Dedicated to the centenary of B.E. Paton*



<http://wr2019.ispms.ru/eng.html>

**Institute of Strength Physics and Materials Science, SB RAS, Russia**  
Institute of the Physical-Technological Problems of the North, SB RAS, Russia  
Institute of Engineering Science, RAS (Ural Branch), Russia  
Institute of Theoretical and Applied Mechanics, SB RAS, Russia  
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Moscow Power Engineering Institute, Russia  
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Institute of Computational Technologies, SB RAS, Russia  
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Volga State University of Water Transport, Russia  
Ural Institute of Welding, Russia  
Russian Oil and Gas Contractors Union, Russia  
Public Joint Stock Company 'Transneft', Russia  
Karaganda State Technical University, Kazakhstan  
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Powder Metallurgy Institute, Byelorussia  
Physical-Technical Institute, NASB, Byelorussia  
Publishing center 'Engineering technology', Russia  
Russian Welding Society, Russia  
LLC 'TECHPROM', Russia

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Shěnyáng, China

**REGISTRATION**

Registration of participants is available online at the Conference website <http://wr2019.ispms.ru/eng.html>.

**IMPORTANT DATES**

Registration without abstract submission **August 31, 2019**  
Abstract submission **August 1, 2019**  
Manuscripts for publishing as the Conference Proceedings by Trans Tech Publications Ltd, Switzerland (Scopus) (must be only in the field of materials science) and "IOP Conference Series: Materials Science and Engineering" (MSE) are accepted until **June 1, 2019**. Submitting manuscripts must be of 6 pages. The cost of one publication is **120 Euro / 130 USD**.  
Manuscripts publishing payment **June 30, 2019**  
Fee payment **June 30, 2019**  
Bank details for transferring the registration are on the Conference website <http://wr2019.ispms.ru/eng.html>.

**CONTACTS  
PROGRAM COMMITTEE CO-CHAIRS**

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**CONFERENCE SECRETARIES**

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**ADDRESS FOR CORRESPONDENCE**

**All questions about participation in the Conference please send by e-mail [wr2019@ispms.tsc.ru](mailto:wr2019@ispms.tsc.ru)**  
Institute of Strength Physics and Materials Science  
2/4, Akademicheskiy avenue, Tomsk, Russia, 634055

## GENERAL INFORMATION

The Conference covers all areas of welding, including international collaboration between scientists and experts in this field of science.

Conference participants will discuss a wide range of scientific and technical issues. This includes development of new materials and equipment for production and repair of critical structures operated under extreme conditions.

The important issues discussed at the conference will concern their reliability, reducing risks of man-made accidents as well as negative impact on the environment.

### MAIN TOPICS OF THE CONFERENCE

- State-of-the-art and perspectives of welding engineering in Russia.
- Physics and mechanics of strength of materials at low temperatures, reliability and life-cycle of structures in the North and Arctic regions.
- Fundamental and applied problems of developing new materials and technologies to improve the operational reliability of welds as well as special-purpose equipment.
- Reliability of oil and gas pipelines at low ambient temperatures. Equipment, technologies, materials for their construction and repair.
- Laser technologies and equipment: basic research and industrial application experience.
- Electron-beam technologies and equipment.
- New methods for studying structure, mechanical and other properties of welded and brazed joints.
- Welding and technological properties of materials and equipment: registration methods, assessment of reliability, expert assessment.
- Features of production and joining of advanced materials.
- Innovative technologies for shipbuilding, energy-related projects and automotive industry.

## TECHNICAL PROGRAM

The conference will be organized in the form of:

- plenary sessions
- oral and poster presentations
- youth section (oral and poster presentations)
- round-table discussions
- exhibition and presentation of investment projects
- exhibition of welding materials, equipment and technologies developed by the participants of the Conference
- visit to the leading enterprises of Tomsk (Gas-PromTransgazTomsk, EleSi JSC, Tomsk Electrotechnical Company NPP, Geron LLC).

The 30 minutes plenary lectures of the speakers invited by the Program Committee and the 15 minutes presentations constitute the basis of the technical program. Computer projectors will be available for presentations.

Poster presentations should be 60×80 cm.

The official languages of the conference are Russian and English.

### REGISTRATION FEE

The registration fee of the Conference is **200 EUR** or **220 USD**. For undergraduate and graduate students is **100 EUR** or **110 USD**. Registration fee includes participant folder, conference proceedings and coffee breaks.

### CONFERENCE PROCEEDINGS

Conference proceedings (abstracts) will be published to the beginning of the Conference. Also, papers in English can be accepted by the journal IOP Conference Series: Materials Science and Engineering» (indexed by SCOPUS). The terms of publication as well as the template for articles is available at the Conference website <http://wr2019.ispms.ru/eng.html>.

## GUIDE FOR AUTHORS

Abstracts in Russian or English, no more than 500 words, should contain the objectives, results and conclusions of the submitted manuscript. The text must be typed in Word, font Times New Roman, size 12 pt, single line spacing, new paragraph 1 cm, text alignment in width. Page margins at the top, bottom, left and right are 2 cm, page orientation is portrait. The file should be attached online on the Conference website <http://wr2019.ispms.ru/eng.html> till **August 1, 2019**. The filename must contain the last name and initials of the speaker, for example, Johnson\_J.doc.

### ACCOMODATION

The nearest hotel to the Conference venue is the 'Rubin' congress center:

Web <http://rubin.tomsk.ru>

Phone: +7(3822)49-26-89, +7(3822)49-25-59

E-mail: [rubin@mail.tomsknet.ru](mailto:rubin@mail.tomsknet.ru) (it is recommended to indicate the name of the Conference when booking).

### VISAS

All information about obtaining visas you may get here <https://myvisitorussia.com/en/info/how-to-obtain-a-russian-visa-independently/>

### ASSISTANCE TO CONFERENCE PARTICIPANTS

For all additional information please do not hesitate to contact **Mikhail Slobodyan**

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