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**Ministry of Science and Higher Education of the Russian Federation**

**Administration of Kemerovo Region**

**Siberian State Industrial University**

**XXI International Scientific and Research Conference**

**“METALLURGY: TECHNOLOGIES, INNOVATION, QUALITY”**

**“Metallurgy – 2019”**

[**http://www.sibsiu.ru/nauka-i-innovacii/konferentsii-seminary-vystavki/metallurgiya/**](http://www.sibsiu.ru/nauka-i-innovacii/konferentsii-seminary-vystavki/metallurgiya/)

**Russia, Novokuznetsk, SibSIU, 23-24 October 2019**

Graduate students, teachers, scientists, employees of universities, research institutes, RAS, engineering centers and industrial enterprises are invited to participate in the conference.

**●CONFERENCE SCHEDULE●**

* Plenary session **October 23, 2019** 10:00-13:00
* Presentation of papers in sections **October 23, 2019** 14:00-17:00
* Sections and summing up the conference results **October 24, 2019** 10:00-16:00.

**Official languages of the conference: Russian, English.**

**●PURPOSE OF THE CONFERENCE●**

* Professional discussion of the latest research results and technological solutions in the field of production and processing of materials, materials science, power and resource saving, environment and recycling of industrial waste.
* Identification of dominant trends and justification of forecasts and prospects for the development of modern metallurgy.

**●SECTIONS OF THE CONFERENCE●**

1. Fundamental research, theory, modeling and technology of metallurgical processes.

2. Fundamental research, theory and technology of metallic materials processing: foundry, pressure treatment, heat treatment.

3. Theory and technology of welding processes, powder metallurgy and the production of composite materials and coatings.

4. Heat and mass transfer in metallurgical processes and aggregates. Resource and energy saving, environment and waste disposal.

●**ORGANIZERS**●

ADMINISTRATION OF KEMEROVO REGION

SIBERIAN STATE INDUSTRIAL UNIVERSITY

JSC «EVRAZ ZSMK»

JSC «RUSAL NOVOKUZNETSK»

JSC “KUZNETSKIE FERROSPLAVY”

●**PARTNERS**●

JSC “CHERMETINFORMATSIYA”

PUBLISHING HOUSE OF SIBERIAN BRANCH OF RAS

SCIENITIFC AND TECHNICAL JOURNAL “IZVESTIYA. FERROUS METALLURGY”

SCIENTIFIC PEER-REVIEWED JOURNAL “BULLETIN OF THE SIBERIAN STATE INDUSTRIAL UNIVERSITY”

JOURNAL “IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING”

OJSC “KUZBASS TECHNOPARK“

WEST SIBERIAN BRANCH OF RUSSIAN ACADEMY OF NATURAL SCIENCES

COUNCIL OF YOUNG SCIENTISTS OF KUZBASS

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| Tang G. | Professor, Director of (Tsinghua University, China), Director of Advanced Materials Institute of Tsinghua University, Shenzhen, China |
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| Yuriev A.B. | Dr . Tech. Sc., Managing Director of EVRAZ ZSMK, Novokuznetsk, Russia |

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| --- | --- |
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| Roshchin A.V. | Dr. Tech. Sc., Deputy Director of the Department of pyrometallurgical processes, Research and Development Engineering Centre of ERG, Astana, Kazakhstan |
| Snitko Yu.P. | Dr. Tech. Sc., General Director of JSC “Chermetinformatsiya”, Moscow, Russia |
| Spirin N.A. | Dr. Tech. Sc., Head of the Department of thermophysics and informatics in metallurgy, UFU, Ekaterinburg, Russia |
| Trusova I.A. | Dr. Tech. Sc., Professor of the Department of metallurgy of ferrous and non-ferrous alloys, BNTU, Minsk, Belarus  |
| Tulupov О.N. | Dr. Tech. Sc., Vice-Rector for Research and Innovation, NMSTU, Magnitogorsk, Russia  |
| Chen X.Z. | Professor of the Institute of materials technology, Wenzhou University, Wenzhou, China  |
| Cherepanov A.N. | Dr. Phys.-Math.Sci., Senior Research Associate of the Laboratory of thermomechanics and strength of new materials, ITAM SB RAS, Novosibirsk, Russia  |

**●IMPORTANT DATES●**

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| Until September 1, 2019 | Submission of applications and scientific reports for publication |
| October 15, 2019 | Publication of the conference program on SibSIU website |
| October 22, 2019 | Arrival, registration of participants |
| October 23-24, 2019 | Conference |
| October 24, 2019 | Summing up the conference results, departure |
| Until November 10, 2019 | Publication of the electronic version of the conference proceeding on SibSIU website and in the e-library http://elibrary.ru/ |

**●PUBLICATION OF PAPERS AND FEES●**

There is no fee for participation in the conference and publication of the paper.

The conference proceeding will be published by the beginning of the conference, indexed in the RSCI database and placed in the e-library http://elibrary.ru/.

Scientific reports recommended by the editorial board will be published in the open access volume of *IOP Conference Series: Materials Science and Engineering*, indexed in the Scopus database and the Web of Science. For the fees and the requirements please contact the Organizing Committee

**●PUBLICATION MATERIAL REQUIREMENTS●**

To participate in the conference, electronic versions of the application and paper should be sent to the Organizing Committee.

**Application form**

Name of the presenter\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Type of report (plenary, section report, visitor, participation in absence)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Requirements for execution of papers:**

• Length of the submitted paper – 5-8 pages (page format - A4);

• Text editor – Microsoft Word 2003;

• Font – Times New Roman, font size – 12;

• Line spacing – single;

• Margins: top, bottom, outside, inside – 2 cm;

• Figures should be inserted into the text of the paper (wrap text – top and bottom)

**Text layout**:

UDC – in the upper left corner (uppercase);

title of the report (font 14 bold in the center, all upper-case letters);

on the next line – full name of the authors;

then in one spacing – affiliation, below the city, country, e-mail of the author (font 14, in italics, in the center);

in one spacing abstract (5-6 lines), (font 12, in italics);

in one spacing keywords (5-10 words) (font 12, italics);

in two spacings the text of the paper (font 14).

References are placed at the end of the paper (up to 10 references with all authors listed).

**●CONTACTS●**

Applications for participation in the Conference and papers should to be sent by September 1st, 2019 via e-mail with the subject “Metallurgy-2019” to Morina Galina. E-mail: onti@sibsiu.ru, tel. +7 (3843) 46-26-29; mob. tel. 8-908-948-0235.

Post address: 654006, Novokuznetsk, 42 Kirova str., SibSIU, Office of scientific and technical information and intellectual property.