



MIST: Aerospace

Advanced Technologies in Aerospace,
Mechanical and Automation Engineering

Science and Technology City Hall
KRASNOYARSK, RUSSIA



RUSSIAN AND
INTERNATIONAL UNION
OF SCIENTIFIC AND
ENGINEERING ASSOCIATIONS



IOP Conference Series

INFORMATION LETTER

about

III International Conference “Advanced Technologies in Aerospace, Mechanical and Automation Engineering” - “MIST: Aerospace - 2020”

(Krasnoyarsk, Russia, November 20-21, 2020)

International and Russian Union of Scientific and Engineering Associations, Krasnoyarsk Regional Union of Scientific and Engineering Associations, Krasnoyarsk Science and Technology City Hall are organizing III International Scientific Conference “Advanced Technologies in Aerospace, Mechanical and Automation Engineering” - “MIST: Aerospace - 2020”. The Conference will take place in Krasnoyarsk in November 20-21, 2020.

We invite scientists and specialists from Russian and foreign universities, academic institutes, enterprises, design and research centers to take part in the Conference.

The purpose of the Conference is to share the experience of leading experts in the application of advanced science-intensive and information technologies in the aerospace industry, mechanical engineering and automation of technological processes and production.

The work of the Conference is planned in the following directions:

- Aerospace Technologies and Industrial Production;
- Reliability and Data Protection in Automation Systems;
- Cybernetics, Automation and Information Technologies;
- Energy, Chemical and Ecological Engineering.

Within the framework of the conference, the AMS-Workshop will be held: “Advances in Materials Sciences - 2020”.

The workshop is intended for a wide range of scientists and specialists of research institutes, design organizations, industrial enterprises and educational institutions interested in materials science. Within the framework of this workshop, theoretical and practical results of research and development on the following issues will be highlighted: metallurgy and

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metal science, heat treatment of metals and alloys; materials for hull structures and power equipment, materials science in mechanical engineering; structural nanostructured materials and nanotechnologies, including nanoscale and nanostructured powder materials; polymer composites, metal composites and volume-porous nanocomposites; functional materials, including those with desired properties (amorphous, intermetallic, “intelligent”, high-temperature superconductors, magnetic, nanomaterials, fullerenes and nanotubes, functionally gradient coatings, composite materials, biocompatible materials, diamond-like films, nanocatalysts); welding and related processes, welding materials and technologies; corrosion and metal protection; radiation materials science; structural and technological strength and performance of materials; tests, diagnostics and quality control of materials; materials science problems of the utilization of equipment, machinery, structures and metal waste.

The Conference will take place in November 20-21, 2020 in Krasnoyarsk Science and Technology City Hall of the Russian Union of Scientific and Engineering Associations.

In case of inability to attend the Workshop in person, in-absentia presentation is allowed. In-absentia presentation means that the abstract of your paper will be included in the Programme schedule and your full paper will be included in the conference proceedings (if received and paid by the deadline). In-absentia presentation is accompanied by a distant poster presentation (2-3 PowerPoint slides devoted to the topic of your report in pdf format sent by e-mail to the organizers).

One can register for the Conference on-line on the web-site of the Conference (<http://conf.domnit.ru/en/registration-mist-3-2020-en/>). The registration is open from July 01, 2020 till November 15, 2020.

Proceedings of the Conference

The Proceedings of the Conference in the form of full papers in the English language will be published in IOP Conference Series: Materials Science and Engineering (MSE), indexed by Web of Science and Scopus. The papers should meet the requirements of the Journal (the requirements and the template can be found on the Conference web-site <http://conf.domnit.ru/en/conferences/mip-engineering-2020-en/>).

AMS-Workshop materials in the form of full papers in the English language will be published in Key Engineering Materials (KEM), indexed in Scopus, Q3. The manuscripts should be at least 6 full pages in MSWord format (formatted in accordance with the KEM requirements listed on the site).

The official languages of the Conference are Russian and English. The Organizers will provide professional interpretation if required.

Conference Venue

The Conference will take place in Krasnoyarsk Science and Technology City Hall: 61 Uritskogo Street, Krasnoyarsk, Russia.

We will provide the participants with visa support documents (an official letter of invitation). We will be glad to help with accommodation in cozy and hospitable hotels of Krasnoyarsk at special prices to all participants during the conference by priory arrangement. Accommodation and travel expenses are paid by sending organizations.

Registration Fee

Participation in the Conference is free. The registration fee for the publication is 250 EURO. The fee is paid after the notice about acceptance of the paper but not later than November 20, 2020.

Contact Details

Please forward all the questions concerning the participation and the programme to the executive secretary:

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The detailed information is also available at:
<http://conf.domnit.ru/en/conferences/mist-3-2020-en/>