

• REGISTRATION OF PARTICIPANTS OF THE CONFERENCE •

Registration and receipt of the materials of the reports on the site <http://dfmn.imetran.ru> conference through an interactive form is strictly up to July 1, 2017.

For citizens of Russia, when registering on the conference website, you must necessarily attach a graphic file with a copy of the publication permission.

• MATERIALS OF THE CONFERENCE •

By the beginning of the conference will be published a collection of conference materials, indexed in the database RISC.

The full texts of reports, prepared in the form of standard journal articles, can be published after the end of the conference and passing the review procedure in the journal "Deformation and destruction of materials" (included in the list of VAK(High Attestation Commission) and translated and distributed abroad by Springer). The rules for writing articles for the journal can be found on the website: http://www.nait.ru/journals/index.php?p_journal_id=14

•ARRANGEMENT FEE•

Registration of conference participants, full-time or correspondence participation in the conference, publication of abstracts, personal receipt of conference materials - free of charge

• MAIN DATES •

REGISTRATION OF THE PARTICIPANTS OF THE CONFERENCE:

Before July 1, 2017 (through an interactive form on the conference website). TIME OF SUBMISSION OF REPORTS: Until July 15, 2017 (through an interactive form on the conference website).

BROADCASTING THE SECOND INFORMATION LETTER AND THE PRELIMINARY PROGRAM OF THE CONFERENCE: Until September 15, 2017

•CONTACT INFORMATION•

OFFICIAL SITE: <http://www.dfmn.imetran.ru/>

E-MAIL: dfmn@imetran.ru

TELEPHONES FOR REFERENCE:

+7 (499) 135-96-62 (scientific secretary of the conference Prosvirnin Dmitry Viktorovich);

+7 (499) 135-44-91 (Prutckov Mikhail Evgenievich).

MAILING ADDRESS: 119334, Russia, Moscow, Leninsky Prospect, 49, Institute of Metallurgy and Materials Science. A.A. Baikova Academy of Sciences, with a note "VII International Conference" DEFORMATION AND DESTRUCTION OF MATERIALS AND NANOMATERIALS ".

Within the framework of the conference, the **Youth School-Conference for students, graduate students and young scientists "DEFORMATION AND DESTRUCTION OF MATERIALS AND NANOMATERIALS"** will be organized at which leading scientists in the fields related to the study of strength characteristics and aspects of deformation changes in materials will speak.

SCIENTIFIC LEADER OF SCHOOL

academician Bannykh O.A.

SCIENTIFIC PROGRAM OF THE SCHOOL

- ✓ Youth sessions where young scientists will be able to deliver oral report and poster presentations;
- ✓ Seminars with elements of a round table and public discussion;
- ✓ The scientific program of the youth school-conference provides: lectures of leading experts from the largest scientific centers of Russia and foreign universities..

Participants of the School-conference, according to the results of the lectures, will be given certificates of the participant.

• ORGANIZERS •

FEDERAL AGENCY OF SCIENTIFIC ORGANIZATIONS
(FASO OF RUSSIA)

RUSSIAN FUND FOR FUNDAMENTAL RESEARCH
THE RUSSIAN ACADEMY OF SCIENCES

INSTITUTE OF METALLURGY AND MATERIALS SCIENCE
NAMED AFTER A.A. BAIKOV RAS

INTERSTATE COORDINATING BOARD ON PHYSICS OF STRENGTH
AND PLASTICITY

JOURNAL "DEFORMATION AND DESTRUCTION OF MATERIALS"

•PARTNERS•

THE YOUNG SCIENTISTS BOARD OF THE IMET RAS
INFORMATION PARTNER OF THE EXHIBITION CONFERENCE
«XPIR»

• SERVICE AGENT •

OOO «HOLLIR»

VII international conference "DEFORMATION AND DESTRUCTION OF MATERIALS AND NANOMATERIALS"



ANNOUNCEMENT

November 7-10, 2017

MOSCOW

DEAR COLLEAGUES!

We invite you to take part in the VII International Conference "DEFORMATION AND DESTRUCTION OF MATERIALS AND NANOMATERIALS".

The conference will be held from 7 to 10 November 2017 at the Institute of Metallurgy and Materials Science. A.A. Baikova, Russian Academy of Sciences at the address: Leninsky Prospekt 49, Moscow, 119334, Russia.

• PURPOSE OF THE CONFERENCE •

The purpose of the international conference "Deformation and destruction of materials and nanomaterials" is a qualified discussion of the problems of strength and durability of new and proven materials in the details of modern industry. Development of creative scientific activity of young scientists; Qualified discussion and familiarization of young scientists with the latest results of scientific research; Involving young specialists in the system of information exchange in the field of modern materials science and advanced technologies for obtaining, processing and producing promising materials with a high complex of mechanical characteristics.

• CONFERENCE TOPICS •

- ✓ General regularities of processes of deformation and destruction of materials at nano-, micro-, and macrolevels. Stages of deformation and fracture processes under different loading conditions.
- ✓ Physical processes involving plastic deformation and fracture.
- ✓ Preparation of materials with nano- and submicrocrystalline structure by the methods of intense plastic deformation
- ✓ Development and optimization of technologies for processing and production of materials and nanomaterials based on plastic deformation and fracture processes.
- ✓ New steels and alloys that have a promising structure and a high complex of mechanical characteristics
- ✓ Production technology and mechanical properties of nanostructured powder materials
- ✓ Creation of nanostructured coatings, surface layers and gradient structures for promising materials with improved characteristics

- ✓ Strength and plasticity of advanced structural and functional materials and nanomaterials (composite materials, high-strength ceramics, heterostructures, fullerenes, foam materials and honeycomb structures).
- ✓ New materials (including biomedical materials, polymers, damping, flame retardant)
- ✓ Deformation and destruction of building and natural materials.
- ✓ Tribotechnical aspects of deformation and fracture processes
- ✓ Оценка ресурса деталей машин, механизмов, конструкций приборов, технологии, позволяющие предупредить процессы разрушения, способы борьбы с катастрофическим разрушением.
- ✓ Modern equipment and new effective methods for studying the processes of deformation and destruction of materials and nanomaterials.
- ✓ Computer modeling and mathematical methods for describing the structure and mechanical behavior of materials and nanomaterials

• RULES OF SUBMISSION OF MATERIALS •

Proceedings in Russian, no more than 2 pages of A4 format, must be typed in the Office editor, font Times New Roman, size - 11, line spacing - 1, red line - 1 cm, text alignment - width. Graphs and tables include in the text in the form of drawings (jpg). Formulas are executed in the "Equation Editor".

The title is printed in the center in bold letters in bold type, then the full name. The author (s) - in bold type, then the name of the organization, the country, e-mail address of the author (s) - the usual font, italic.

Page settings - margins on the top, bottom, left and right by 2 cm, page orientation - book.

The name of the text file should contain the name and initials of the speaker, for example: Ivanov_BM.doc.

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