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Russian Academy of Sciences (RAS)
Department of Power Engineering, Machine Building,
Mechanics and Control Processes



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Institute for Machine Science named after
A.A. Blagonravov (IMASH) of
the Russian Academy of Sciences



International Conference

Deformation and Failure of Composite Materials and Structures

November 10 to November 13, 2014
Moscow

First information notice

CONFERENCE TOPICS

The conference organizers invite scientists to present their papers reflecting scientific results obtained in the following trends:

1. *Generalized Models in Mechanics of Composite Materials and Structures*
2. *Modeling of Process of Manufacturing of Composite Materials (CM) (including Nanocomposites)*
3. *Models of CM Deformation and Failure Resistance*
4. *Thermo-physical and Mechanical Properties of CMs*
5. *CM Fracture Mechanics & Strength Analysis for Structural Components*
6. *Design Application of CMs*
7. *Experimental Research & Non-destructive Inspection*
8. *Strength of Ceramic Structural Components*
9. *Damage Accumulation and Long Term Failure of CMs and Structural Components*
10. *Functional Nanocomposite-based Materials and Their Properties*

E-mail of the Organizing Committee:

mcms2014@yandex.ru

CONFERENCE LANGUAGES AND PUBLICATIONS

Conference languages: Russian and English.

The materials submitted will be published before the beginning of the conference and given to the participants and posted on the IMASH website. The most interesting papers will be published in the following scientific periodicals: «Заводская лаборатория. Диагностика материалов», «Проблемы машиностроения и надёжности машин», «Проблемы машиностроения и автоматизации», Композиты и наноструктуры».

DEADLINES

July 01 – submission of applications;
August 01 – second information notice;
September 30 – submission of papers;
October 15 – publication of the program and proceedings of the conference

CONFERENCE VENUE

4 Bardin St., Moscow, Institute for Machine Science named after A.A.Blagonravov of the Russian Academy of Sciences

Requirements for the papers to be submitted

Abstracts (1 page of A4 sizes including figures, tables and references) should be submitted in electronic format by e-mail at mcms2014@yandex.ru. The text is typed in Word for Windows, font - Times New Roman, 10 pt size, single spaced, in Russian or English and includes the following:

- The title is typed in the language of the basic text, bolded, capitalized (12 pt size), centered and not hyphenated.
- The title is followed by authors' surnames and initials (12 pt size, align center) and then by names of institutions, cities and countries (in round brackets, 10 pt size, align center).
- After one space line, it is followed by the summary (3 to 5 lines) and key words in the language used (9 pt size).
- After two space lines, the basic text is typed (double-column, 10 pt size).
- Figures, tables, photos and their captions (8 pt size) are built into the text.
- Pages are not numbered.
- References (8 pt size) are typed at the end. The footnotes are given in square brackets. The references are listed in accordance with the order of their mentioning in the text.

- Formulae are typed in a formula editor – separate window for each formula. The formulae are numbered on the right in round brackets (not using the formula editor).
- The proceedings will be published on the basis of the authors' texts without any reader proof and the authors are asked to meet the above requirements.

The abstracts shall be sent to the Organizing Committee at: mcms2014@yandex.ru

The up-to-date information on the conference is available at: www.imash.ru

Participation in the conference is free of charge. Travel, accommodation and feeding are for account of the participants.

PARTICIPANT'S REGISTRATION FORM

The paper title with indication of a conference trend number:

Surname, forename and academic degree of the principal speaker* and co-authors:

Institution*, title* _____

Telephone: _____

E-mail: _____

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4 Maly Kharitonyevsky Pereulok, Moscow,
101990, Russia
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