

ISTF 2010

VI INTERNATIONAL SYMPOSIUM ON TRIBO-FATIGUE

Friction, wear, corrosion, temperature and fatigue are the main damaging phenomena which limit operational reliability and durability of modern machines and the equipment. When the specified phenomena are realized simultaneously and complex, i.e. wear-fatigue, damage takes place, laws of its formation and development are studied by tribo-fatigue. By present time fundamental results in this area of knowledge have been obtained. They were discussed at the International symposiums in

- 1993: Gomel, Belarus;
- 1996: Moscow, Russia;
- 2000: Beijing, China;
- 2002: Ternopol, Ukraine;
- 2005: Irkutsk, Russia.

PURPOSE

Discussion of new ideas by experts will undoubtedly be a stimulus for the further development of research on tribo-fatigue and organizing the international cooperation in the promising area that has a great practical value.

MAIN TOPICS

FRICION. WEAR. FATIGUE

Problems and results of theoretical and experimental analysis of interaction of the phenomena of friction, wear, fatigue

- 1 Designs, loadings, materials, and technologies
- 2 Stress-strain state
- 3 The damaged state
- 4 Limiting state
- 5 Translimiting states
- 6 Appendices: tribo-fatigue system brake shoes/wheel/rail, gearings, shaft and rotors, a pipe/liquid stream under pressure, joints, etc.

See WORKING PLAN OF ISTF 2010

ORGANIZERS

National Academy of Sciences of Belarus
Joint Institute of Mechanical Engineering
Belarusian State Committee
of Science and Technology
Belarusian Republican Foundation
for Fundamental Research
Ministry of Industry of Belarus
Ministry of Education of Belarus
Belarusian State University
Interdepartmental Laboratory "TRIBO-FATIGUE"

LEADERSHIP OF THE SYMPOSIUM

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"TRIBO-FATIGUE", Belarus

Chairman

Zhuravkov M.A., Professor, BSU, Belarus

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Russia

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Ukraine

Khrustalyov, B.M., Academician, BNTU, Belarus

Scientific Secretary

Sherbakov S.S., Ph.D., BSU, Belarus

Information about Symposium is available at

www.bsu.by, www.tribo-fatigue.com

IMPORTANT DATES:

Paper submission deadline: June 1, 2010.

Second announcement: July 1, 2010.

Participant registration: October 25-26, 2010.

Symposium opening: October 26, 2010.

Symposium closing: November 1, 2010.

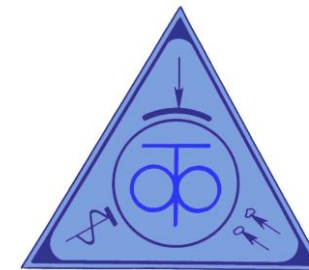
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Only in Belovezhskaya Pushcha you can see aurochs
(European bison)—unique animals of the planet

ISTF 2010

To the 25 anniversary of Tribo-Fatigue



VI INTERNATIONAL SYMPOSIUM ON TRIBO-FATIGUE

Minsk, Belarus
25 October - 1 November 2010

First announcement

Authors of the most interesting reports will be awarded by the Honorable Diploma **"For the Contribution to Development of Tribo-Fatigue"** and Honorable anniversary sign **«TRIBO-FATIGUE-25»**

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PAPERS

The papers written in English or Russian languages will be published under the decision of the International Coordination Council on Tribo-Fatigue by the beginning of the symposium. Requirements to registration of reports can be found on the sites www.bsu.by, www.tribo-fatigue.com

Authors of the most interesting reports will be awarded with Honorable Diploma **"For the Contribution to Development of Tribo-Fatigue"** and Honorable anniversary sign **«TRIBO-FATIGUE-25»**

ADDRESS FOR CORRESPONDENCE

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Belarusian State University,
VI International Symposium on Tribo-Fatigue
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REGISTRATION FEE

The registration fee is 100 \$ (for students and post graduates the fee is 10 \$). The fee should be transferred to the bank account of the Belarusian State University. It is also possible to pay the fee during the registration at the Symposium.

The registration fee will include expenses for all presentations, technical exhibition, payment for Symposium materials and proceedings publication, CD-ROM.

ACCOMODATION

Participants of the Symposium will be accommodated in a comfortable hotel of Minsk (LUX-suites, singles, doubles, triples).

CULTURAL PROGRAM

Visiting theatres and museums of Minsk.
Excursion to Brest, the **Fortress-Hero**
and well-known **Belovezhskaya Pushcha**.
Visiting Brest State Technical University

REGISTRATION FORM

PLEASE RETURN THIS FORM TO ISTF 2010 SECRETARIAT AT THE ADDRESS:

e-mail: sersher@tut.by

I am going to take part in ISTF 2010

Full Name _____

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Organization, position _____

Title of paper _____

Necessary means for a report statement _____

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Necessity of the order of hotel: Yes No (unnecessary to cross out)