



**XVIII INTERNATIONAL SCIENCE & ENGINEERING
CONFERENCE
“MACHINE-BUILDING AND TECHNOSPHERE
OF THE XXI CENTURY”
September 12 – 17th 2011
Sevastopol, Donetsk, UKRAINE**

ANNOUNCEMENT

Dear colleague,

International Union of Machine-Builders, Donetsk National Technical University and a number of leading companies of Ukraine, Russia, Belarus, Romania, Poland and other countries will host the XVIII international science and engineering conference MACHINE-BUILDING AND TECHNOSPHERE OF THE XXI CENTURY, taking place in the city of Sevastopol on September 12-17th 2011.

The aim of the conference is to exchange the science and engineering information, define new engineering and technologies development and creation forward-looking ways develop joint research programmes, establish business contacts and commercial links in this area. It was last year that scientists and leading specialists from the Ukraine, Russia, Belarus, Moldova, Turkmenistan, Poland, Romania, Great Britain, Germany, Yugoslavia, and other countries took part at the conference. That promoted the development of promising links and forming of the traditions of joint discussion of important problems. The work of the conference under discussion will be aimed to consolidate scientists, leading experts, managers of the industrial companies in order to promote the process of machine-building and technosphere further development under the economics, which is being globally changed. The International Union of Machine-Builders (IUMB) congress will be organized in the frames of the event. Any person willing to enter the IUMB and represent it in his or her own country or region is encouraged to become the IUMB member in Sevastopol.

The Organizing Committee proposes you to take part at the conference and instruct your institution's specialists to deliver reports or read communications.

THE MAIN TOPICS OF THE CONFERENCE

1. Practice and prospects of creation and application of progressive technologies. Integration technologies. Assembly in mechanical engineering and instrument making. Abrasive and vibroabrasive technology.
2. Manufacturing processes mechanization and automation. Advanced equipment.
3. Complete automation of manufacturing preparation and control. The technosphere economic problems.
4. Progressive tools and instrument materials design and application.
5. The products and technical systems quality management. The products surface layer engineering.
6. Modern problems of machine-building and machine parts.
7. Modern problems of materials engineering, processes and material science in machine-building. Firm coverings and hardening technologies in machine-building. Nanostructured materials and Nanotechnologies.
8. Complex technical systems modelling and calculation.
9. Special equipment and technosphere technologies. The technosphere environment problems.
10. Modern problems of engineering education. Eurointegration in education.



It is allowed to advertise and present firms and companies in the frames of the conference.
Ukrainian, Russian, English, French and German are the official languages of the conference.

THE CONFERENCE PROCEEDINGS:

The papers presented to the conference are planned to be published on the language of the original in the Conference or DonNTU Proceedings. The volume of the manuscripts should be up to four full pages. To become the conference participant and for your paper to be included into the Conference Programme, and for the proceedings to be published on time you should send the following:

- the application form;
- the payment provement (cash order copies or the receipt);
- the advertisement texts in two copies;
- the CD disk with the paper.

THE ORGANIZING COMMITTEE ADDRESS:

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🌐 <http://donntu.edu.ua/ukr/7/konf/sevastopol/about.htm>

<http://iumb.donntu.edu.ua>;

<http://www.dgtu.donetsk.ua>

Prof. Alexander Mikhaylov - the Conference Organizing Committee Chairperson

Mr Nikolaj Golubov - the Conference Academic Secretary

Mr Aleksey Lahin - the Conference Technical Secretary

ACTA TECHNICA CORVINIENSIS – Bulletin of Engineering. Fascicule 4 [October-December]



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