

## **Mechanical Registry**

Από:

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Θέμα:

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## **DEAR COLLEAGUES!**

With this letter we send you information about the NINTH INTERNATIONAL SCIENTIFIC -PRACTICAL CONFERENCE "Research, Development and Application of High Technologies in Industry", - 22-23 April 2010, St. Petersburg, Russia and other conferences. We invite you and colleagues from your Institute (University) take part in these conferences, also as Organizing Committees members. More information about conferences you can see on the site: htfi.ru, htfi.org. With best regards.

Co-Chairman and Chief Executive of the Organizing Committees,

Kudinov A.P.

NINTH INTERNATIONAL SCIENTIFIC - PRACTICAL CONFERENCE "Research, Development and Application of High Technologies in Industry" 22-23 April 2010, St. Petersburg, Russia

## **DEAR COLLEAGUES!**

We inform you that THE NINTH INTERNATIONAL SCIENTIFIC - PRACTICAL CONFERENCE "RESEARCH, DEVELOPMENT AND APPLICATION OF HIGH TECHNOLOGIES IN INDUSTRY" will be held in 22-23 April, 2010 in St. Petersburg, Russia. Organizing Committee include: Institute of Atmospheric Optics of the Siberian Branch of Russian Academy of Sciences (RAS), Russian State Hydrometeorological University, Saint-Petersburg State University of Waterway Communications, Academy of Strategic Researches, Information and High Technologies (ASRIHT), Tomsk Polytechnical University, Military Academy of Communication of Ministry of Defence, Pavlov Institute of Physiology of the Russian Academy of Sciences and other institutes and organizations.

At the plenary and section sessions of the Conference the following topics will be considered:

- The role of federal and regional authorities, state and private industrial sectors, mass media in the 1. development of the education, basic and applied researches (hereinafter, BAR) and high technologies (hereinafter, HT) in Russia, USA, CIS and EU countries and other developed countries. The comparative analysis, search of optimal mechanisms of interaction and management.
- The state of the art and prospects of application of HT results of basic and applied researches in 2. various fields of science, education and industry (in particular, in military fields). Russia, the countries of CIS and EU, USA, China, India and other countries of the world:
  - 1. Information and computer technologies (ICT), computer modelling, robotics, radio electronics, scientific instrument making, telecommunication systems, applied mathematics, direct and return problems, programming, cryptography and information protection databases;
  - 2. Theoretical and applied physics, radiophysics, chemistry, physical chemistry, gas dynamics and hydrodynamics:
  - 3. Physics and technology of electric discharges, optical, laser, plasma, film and nanotechnologies, electronics, including the high capacities, nondestructive control;
  - 4. Atomic and nuclear technologies, aircraft, rocket design and astronautics;
  - 5. Powder metallurgy, materials technology, composition materials and strengthening technologies;
  - Biotechnology, medicine, genetics, cytology and agriculture;
  - Global and regional climatology and ecology. Research of processes, diagnostics, the analysis of 7. development processes, development of methods of climate and ecology control;

