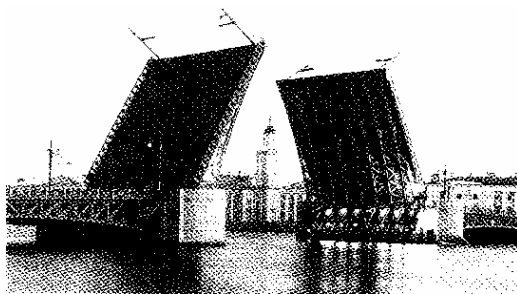


**Ministry of Education and Science of Russian Federation
Russian National Committee on Theoretical and Applied Mechanics
Russian Fund of Fundamental Researches
National Academy of Applied Sciences
Academy of Nonlinear Sciences
Russian Academy of Rocket-artillery sciences**

**International Conference on Mechanics and Ballistics
“6th Okunev’s Readings”
23-27 June 2008, St.-Petersburg, Russia**



First Announcement

History of the Conference, General Information

The First Okunev’s Readings had been organized by department of “Theoretical Mechanics and Ballistics” of Baltic State Technical University “VOENMEH”, named after D.F.Ustinov, supported by some scientific and industrial organizations and Universities of the country and took place in December, 1997 in commemoration of 100-anniversary of professor B.N.Okunev an outstanding Russian scientist, expert in mechanics, ballistics and history of science.

Having taken into account the great interest shown to the conference from the side of domestic and foreign scientific communities, the organizing Committee has decided to organize the conferences regularly, once in two years, and save the name of “Okunev’s Readings” for them, to transform the “Readings” into international conference and to expand the subjects of its program (together with the scientific problems, methodical questions of education, especially teaching new information technologies now have to be discussed) and to memorize the major events and anniversaries in a history of mechanics.

Participation of authorities from different fields of mechanics, exchange of ideas and scientific results, erudition in the history of development of science and scientific activity of outstanding Russian and foreign scientists history will promote the development of mechanics, popularization of its achievements, improvement of professional skill of young scientists and teachers, postgraduates and students. Favorable terms are fixed for the latter. It was marked a high level of quotation of previous (I-V) conferences’ papers at reading theses for a doctor’s degree and in published scientific papers.

Organizers of the Conference

Scientific-methodical council on theoretical mechanics of Ministry of Education and Science of RF; Baltic State Technical University “Voenmeh”, named after Ustinov (BSTU); St.-Petersburg State University (SPbSU); Tomsk State University (TSU); Institute of Mechanics of Moscow State University (MSU); Central scientific institute of mechanical engineering; Russian Federal nuclear center – Institute for Technical Physics; Russian Federal nuclear center – Institute for Experimental Physics; Federal State united enterprise “Arsenal” named after M.F.Frunze; Institute of metal tests in Nijniy Tagil’sk; Military-historical museum of artillery, engineering and communicational forces; Design Office of Special mechanical industry.

Presidium of Conference

O.M. Alifanov, V.V. Beletcky, V.M. Fomin, S.S. Grigorian, O.S. Ipatov, K.S. Kolesnikov, A.M. Kovalev, V.M. Krylov, M.M. Lavrentiev, G.A. Leonov, V.A. Levin, A.M. Lipanov, Yu.G. Martynenko, N.F. Morozov, Yu.M. Okunev, Yu.V.Polejayev, B.I. Poletaev, V.I.Rudenko, V.A. Sadovnichij, A.Ya. Savtchenko, A.F. Utkin, G.G. Cherny, V.A. Yaroshevsky.

Cochairmen of Conference

K.S. Kolesnikov, Yu.G. Martynenko, N.F. Morozov.

Scientific Organizing Committee

G.T. Aldoshin – chairman (Russia), J. Awrejcewicz (Poland), A.E. Babaev (Ukraine), L.V. Dokychayev (Russia), V.N. Yemel'yanov (Russia), Ye.A. Grebenikov (Russia), A.M. Grishin (Russia), V.A. Khotulev (Russia), A.M. Kovalev (Ukraine), L.N. Lysenko (Russia), G.K. Mikhailov (Russia), G.I. Mikhasev (Belarus), V.A. Mogilev (Russia), R.G. Mukharl'yamov (Russia), N.A. Ostapenko (Russia), D.Yu. Pogorelov (Russia), O.Ya. Romanov (Russia), V.A. Samsonov (Russia), S.H. Sargsyan (Armenia), A.S. Shalygin (Russia), S.A. Tolchel'nikova – secretary (Russia), P.E. Tovstik (Russia), A.M. Vorobjev (Russia), H.M. Yehia (Egypt).

Main topics of the Conference

Section 1. Theoretical and applied mechanics.

- 1.1. Dynamics of rigid body and multibodies.
- 1.2. Oscillations and waves, impact, chaos.
- 1.3. Conjugated problems of mechanics and modelling of catastrophes.
- 1.4. Inverse problems of mechanics.
- 1.5. Hydroelasticity.
- 1.6. History of mechanics.

Section 2. Ballistics

- 2.1. External ballistics and aerodynamics of rockets and shells.
- 2.2. Ballistics of starting devices, missiles and rockets.
- 2.3. Ballistics of cosmic objects and aero-thermo-ballistics.
- 2.4. Impact and defense.

Section 3. Computer and educational technologies in mechanics and ballistics.

Presentation of papers might be in 4 forms: plenary (30 - 40 min), sectional (15 - 20 min), short communication (5 - 10min.) and posters. Russian and English are the official languages of the Conference. The synchronous translation is not ensured. A participant of the conference might be the contact author of only one paper and coauthor of several other papers.

Registration fee

Registration fee is 200 EURO for conferee and 50 EURO for students and postgraduates, if paid before April 20, and 250 EURO for participants, 75 EURO for students and postgraduates if paid after April 20 2008. Organizing Committee cannot guarantee that summary will be published if fee is paid after April 20.

Address of Organizing Committee:

190005, St-Petersburg, 1st Krasnoarmeyskaja, 1, BSTU, Department M7, Organizing Committee of "VI Okunev's Readings", E-mail: kaf_b3@bstu.spb.su; FAX (812) 317-87-44; telephone (812) 495-77-21. Chairman of Organizing Committee Aldoshin, Gennady Tikhonovich, coordinator Chirkov, Vadim Yurjevich.

All details could be found on the Conference Website: <http://okunev.voenmeh.ru> (supported only on Russian), or after the e-mail - letter of inquiry sent to organizing committee.