

Invitation

Dear colleagues, we take pleasure in inviting you to participate in the eleventh International Conference «High Pressure – 2010. Fundamental and Applied Aspects». The first conference on physics and technique of high pressures is organized by the Donetsk Institute for Physics and Engineering in 1973. From 2000th conferences are regularly carry out each 2 years. Scientists and specialists from Ukraine, countries of the CIS and foreign contries take part in its.

Conference aim

Expansion of information exchange and intensification of research work in the field of fundamental and applied aspects of the high-pressure science, a dynamically developing branch of solid-state physics and material science.

Program

The Conference program includes:

- plenary reports;
- session in sections (oral reports, poster presentation);
- excursions, etc

Conference Topics

- Physical properties of solids under pressure.
- Severe plastic deformation.
- Consolidation under pressure.
- Forming processing of advanced materials

The topics will cover:

- physical properties and phase transformations;
- nanomaterials (processes of formation and deformation mechanisms);

- simulation of processes and materials;
- interrelation of structure and physico-mechanical properties;
- experimental technique and prospective technologies.

Conference location

The Conference will be held at the tourist-recreation [complex “Sudak”](http://toksudak.crimea.com), Sudak, Crimea, Ukraine. The tourist-recreation complex “Sudak” is on the territory of the park-gardens art relic of Sudak which is one of the best health-resorts of the south-eastern part of Crimea. Sudak is rich in beautiful landscapes, relics of the past. Harmonic mixture of salubrious air from the Black Sea and Crimean mountains creates the unique climatic-therapeutic effect. The climate has the charitable effect on those ill with bronchitis and bronchial asthma, having diseases of cardiovascular and nervous systems. Attention is attracted by legendary towers and walls of the Genoese fortress, majestic cliffs, colourful bays and “paradisiacal” verdure of Novy Svet.

<http://toksudak.crimea.com>

Conference languages

Ukrainian, English and Russian.

The Secretary for Science:

Davidenko Alexander Anatolyevich,

DonIPE NAS of Ukraine.

Tel: +380 (62) 311-1123;

Tel/Fax: +380 (62) 342-9225

Registration form

Family name: _____

Name: _____

Patronymic: _____

Affiliation: _____

Post: _____

Address: _____

Phone: _____

Fax: _____

e-mail: _____

I will attend the Conference

I will have:

oral poster presentation

Tentative title: _____

Reserve: luxury suite

place in double room

Please send this form to:

High Pressure – 2010

Donetsk Institute for Physics and Engineering named after O.O.Galkin, NAS of Ukraine,

72 R. Luxembourg st.

Donetsk, 83114, Ukraine

or e-mail the form to

hp2010@hpress.fti.ac.donetsk.ua

Internet registration at the address:

<http://hipressure.donbass.com/HP11/eng>

is preferable



Genoese fortress in Sudak

Deadlines

1. Submission of abstracts in electronic form and registration – before May 10, 2010
2. Second announcement and invitation to the conference – before July 30, 2010
3. Conference fee payment – before September 1, 2010

Terms for participation in the Conference

Conference fee:

- for participants from the Ukraine and CIS countries \$100
- for participants from the rest of the world \$200

Conference fee includes publication of Conference theses and proceedings, coffee (tea) during the breaks, Welcome Party.

The payment must be done before September 1, 2010. Bank accounts will be given in the second announcement.

Rules for theses and reports preparation

TITLE

Author A., Author B.

Institution, city, country, e-mail

The text in English (one page, sheet size A4) should be composed by the WinWord (Word 97/2000) editor, type Times New Roman 12, for formulae-symbol or in-line editor, spacing 1, indentation – 1 cm, centering – by the width. Print title in capital letters (bold printing). Figures are in the text. References are in the bottom of the page. The page margins: top, bottom and to the right – 25 mm, to the left – 35 mm. The composed text is e-mailed to the address of the Conference by attached file.

The reviewed papers will be published in High Pressure Physics and Technology journal. The maximum volume of submitted paper – 6 pages.

http://fti.dn.ua/en/magazines_about

FIRST ANNOUNCEMENT



HIGH PRESSURE – 2010

*Fundamental and
applied aspects*

Organized by:

***National Academy
of Sciences of Ukraine***

***Donetsk Institute for Physics and Engineering
named after O.O. Galkin,
NAS of Ukraine***

September 27–30, 2010
Sudak, Crimea, Ukraine