

Announcement & Call for Abstracts and Papers



XIX International Conference on

EQUATIONS OF STATE FOR MATTER

March 11-17, 2004, Elbrus,
Kabardino-Balkaria, RUSSIA

Supported by
Russian Foundation for Basic Research

The conference e-mail address is elbrus@ihed.ras.ru

Abstracts must be received by January 11, 2004
Full papers must be received by January 25, 2004

<http://www.ihed.ras.ru/elbrus04/>

CONFERENCE CHAIRMEN

Fortov V.E., Institute for High Energy Densities (IHED),
Russian Academy of Sciences (RAS), Moscow
Temrokov A.I., Research Institute of Applied Mathematics and Robotics (RIAMR), Kabardino-Balkaria Scientific Center (KBSC) of RAS, Nalchik

CONFERENCE ORGANIZING COMMITTEE

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Savintsev A.P., KBSU, Nalchik
Pashinin P.P., RFBR, Moscow

GENERAL INFORMATION

The XIX Annual International Conference on Equation of State for Matter will be held at the recreation base of KBSU in Elbrus village, Kabardino-Balkaria Republic of Russia Federation, on Thursday, March 11, through Wednesday, March 17, 2004.

CONFERENCE FOCUS

The technical focus of the Conference will be on physical properties of matter under conditions of high energy densities and physics of processes and phenomena arising from the interaction of intense energy fluxes with condensed matter. Contributed presentation in oral and poster sessions are planned. The Conference will provide for a possibility of non-formal discussions, communications, and co-operations.

CONFERENCE TOPICS

- Equations of State and Constitutive Equations for Matter under Extreme Loading Conditions
- Shock Waves and Detonation Physics
- Techniques of Intense Energy Fluxes Generation
- Interaction of Powerful Ion and Electron Beams with Matter

- Interaction of Intense Laser, X-ray and Microwave Emission with Matter
- Diagnostics of Fast Processes
- Low Temperature Plasma Physics
- Problems of Physics and Power Engineering, Technology Projects

REGISTRATION FEE

The registration fee is expected \$250 for foreign participants. The fee includes living accommodation, refreshments during breaks, conference banquet.

CALENDAR OF EVENTS

- January 11, 2004 — abstracts and registration form due deadline
- January 25, 2004 — full papers due deadline
- February 16-22, 2004 — abstracts and full papers acceptance letters, registration and lodging information mailed to authors
- March 11, 2004 — arrival in Elbrus
- March 12-16, 2004 — the Conference session
- March 17, 2004 — departure from Elbrus

REGISTRATION FORM

1. Name
 2. Title
 3. Affiliation
 4. Affiliation (abbreviation)
 5. Position
 6. Mail address
 7. Phone
 8. Fax
 9. Email
 10. Title of presentation
 11. Author, co-authors
 12. Preferable type of presentation (oral / poster)
- Please submit registration form at the same time as an abstract via email elbrus@ihed.ras.ru.

PREPARING AND SUBMITTING ABSTRACTS

An abstract (figures free) should be not more than 1 page of A5 format. Margins — 1.8 cm left, 2 cm others. Font — Arial 9 pt. Spacing — single. Please submit your abstract prepared by MS Word 6, 7, 97 or 2000 via email elbrus@ihed.ras.ru before **Sunday, January 11, 2004, 14:00 GMT.**

PREPARING AND SUBMITTING FULL PAPERS

A full paper should be not more than 2 pages of A4 format. Margins — 2.5 cm left, 2.25 cm from below, 2 cm others. Font — Arial 9 pt. Spacing — single. Please submit your full paper prepared by MS Word 6, 7, 97 or 2000 via email elbrus@ihed.ras.ru before **Sunday, January 25, 2003, 14:00 GMT**.

YOUR HOST PLACE

Elbrus village is in 18 km near Elbrus mountain (the highest pike of Caucasus, 5600 m height), in 120 km from Nalchik, which is the capital city of Kabardino-Balkaria Republic, and in 200 km from Mineralnye Vody city. The airports are in both Nalchik and Mineralnye Vody.

The Kabardino-Balkaria Republic is very quiet and peaceful country. Elbrus village is situated in the valley of Baksan river, which is started from Elbrus mountain. All villages in the valley (Elbrus, Itkol, Cheget, and Terskol) are famous ski resorts with an elevation of roughly 2000 m. This is a region of National Park of extreme natural beauty. It is recommended to visit the Elbrus mountain by elevator for seeing Grand Caucasian Mountains with eternal snow from Old Krugozor (3000 m) and Mir (3500 m) stations.

TRADITIONS

8:00 — breakfast
9:00 — bus departs from KBSU base to the Mountain
9:00–14:30 — alpine program
14:30 — bus departs from the Mountain to KBSU base
15:00 — lunch
16:00 — scientific program (Conference sessions)
19:00 — dinner
20:00 — scientific program continues (optionally)
The alpine programs includes the mountain skiing, walking to Narzan Valley (place with springs of famous Caucasian mineral water), to Shkhelda (ice plato), and other trips.

CONTACT INFORMATION

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