



XXII International Conference on

INTERACTION OF INTENSE ENERGY FLUXES WITH MATTER

March 1-6, 2007, Elbrus,
Kabardino-Balkaria, RUSSIA

Supported by Russian Academy of Sciences
and Russian Foundation for Basic Research

The conference email address is elbrus@ihed.ras.ru
Abstracts must be received by January 7, 2007
Full papers must be received by January 25, 2007

<http://www.ihed.ras.ru/elbrus07/>

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GENERAL INFORMATION

The XXII Annual International Conference on Interac-
tion of Intense Energy Fluxes with Matter will be held at
the Educational-Scientific Base of KBSU in Elbrus vil-
lage, Kabardino-Balkaria Republic of Russian Federa-
tion, from Thursday, March 1, to Tuesday, March 6,
2007.

CONFERENCE FOCUS

The technical focus of the Conference will be on phys-
ics of processes and phenomena arising from the inter-
action of intense energy fluxes with condensed matter,
as well as physical properties of matter under condi-
tions of high energy densities. Contributed presenta-
tions in oral and poster sessions are planned. The Con-
ference will provide for a possibility of non-formal dis-
cussions, communications, and co-operations.

CONFERENCE TOPICS

- Interaction of Intense Laser, X-ray and Microwave Emission with Matter
- Interaction of Powerful Ion and Electron Beams with Matter
- Techniques of Intense Energy Fluxes Generation
- Diagnostics of Fast Processes
- Shock Waves and Detonation Physics
- Equations of State and Constitutive Equations for Matter under Extreme Loading Conditions
- Dusty Plasma Physics
- Questions of Physics and Power Engineering, Technology Projects

REGISTRATION FEE

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

CALENDAR OF EVENTS

- January 7, 2007 — abstracts and registration form due deadline
- January 25, 2007 — full papers due deadline
- February 5-9, 2007 — abstracts and full papers acceptance letters, registration and lodging information mailed to authors
- February 28, 2007 — arrival to Elbrus
- March 1-5, 2007 — the Conference sessions
- March 6, 2007 — 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 the registration form together with 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 with MS Word 6, 7, 97 or 2000 via email elbrus@ihed.ras.ru before **Sunday, January 7, 2007, 14:00 GMT.**

PREPARING AND SUBMITTING FULL PAPERS

A full paper should be not more than 3 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 with MS Word 6, 7, 97 or 2000 via email elbrus@ihed.ras.ru before **Thursday, January 25, 2007, 14:00 GMT.**

YOUR HOST PLACE

Elbrus village is 18 km far from Mount Elbrus (the highest pike of Caucasus, 5600 m height), 120 km far from Nalchik, which is the capital city of Kabardino-Balkaria Republic, and 200 km far from Mineralnye Vody city. The airports are both in 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 starts from Mount Elbrus. All villages in the valley (Elbrus, Itkol, Cheget, and Terskol) are famous ski resorts at altitude of approximately 2000 m. This is a region of National Park of extreme natural beauty. It is recommended to visit Mount Elbrus 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 elevators
9:00–14:30 — alpine program
14:30 — bus departs from elevators to KBSU base
15:00 — lunch
16:00 — scientific program (Conference sessions)
19:00 — dinner
20:00 — scientific program continues (optionally)

The alpine program 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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