

The organization fee, to be paid at registration, is of 50 Eur.

We will be glad if you encourage your younger colleagues - at the postdoctoral or a late graduate level - to apply for participating in this School.

BULLETIN 1

XIV-th International Baksan School ``PARTICLES and COSMOLOGY'' April 16 - 21 , 2007

Baksan Schools ``Particles and Cosmology'' are held traditionally since 1981 by the Institute for Nuclear Research of the Russian Academy of Sciences (INR, Moscow) at Baksan Valley, Kabardino-Balkaria, Russian Federation. The 14th Baksan School of 2007, as well as the preceding ones, is organized in cooperation with the Joint Institute for Nuclear Research (Dubna, Russia) and the Kabardino-Balkarian State University (Nalchik, Russia).

Baksan Valley in the Caucasus Mountains is a home of the Baksan Neutrino Observatory of INR with its underground installations including Gallium - Germanium Neutrino Telescope (SAGE experiment), Underground Scintillation Telescope, and low background facilities, as well as surface EAS arrays ``Carpet'' and ``Andyrchi''.

The area, near Mount Elbrus, is known for its beauty, and also as a downhill skiing resort.

The topics of the coming School include:

- Recent developments in particle physics and cosmology
- Neutrino masses and oscillations
- Solar neutrinos
- Dark matter
- Gamma and neutrino astronomy/astrophysics
- Double beta decay
- Gravitational wave detection
- New methods and projects in underground (underwater/under-ice) physics
- Selected results from accelerators and observational astrophysics and cosmology
- New trends and methods in theoretical particle physics

The Baksan Schools gather active physicists with emphasis on experimentalists working in non-accelerator particle physics and particle astrophysics. Lectures include general reviews on recent developments in particle physics and cosmology and talks on more specific theoretical and experimental ideas and results.

Applications are to be sent by e-mail to **school@ms2.inr.ac.ru** or by regular mail to

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