

XVI-th International Workshop on Physics of Nuclear Fission

7-10 October 2003, IPPE, Obninsk, Russia



First Announcement

The XVI-th International Workshop on Physics of Nuclear Fission will be organized 7-10 October, 2003 at the Institute for Physics and Power Engineering (IPPE), Obninsk, Russia in cooperation with MINATOM of Russian Federation.

The workshop will include the following topics:

1. Static properties of fission process (potential deformation energy, nuclear level density, spontaneous fission, cluster radioactivity);
2. Probability of fission induced by photons, neutrons and charged particles;
3. Mass, charge and energy distributions of fission products;
4. Mechanism of neutron and gamma emission in fission, delayed neutrons;
5. Ternary fission;
6. High energy fission, fusion-fission reactions;
7. Fission dynamics, phenomenological and microscopic description of nuclear dissipation;
8. New experimental instruments and methods;
9. Nuclear data associated with fission.

The Workshop program will consist of invited talks aimed to particular topics of nuclear fission (40 min), oral contributions (20 min) and poster session. Contributed talks will be selected on the basis of submitted abstracts. Presentations of young scientists are encouraged. The working language is English.

Pre-registration form is required before May 15, 2003 (see attached form) including the contribution abstract in a free format.

Location:

The Workshop will be held in Obninsk, Kaluga region, 100 km to the Southwest of Moscow on the picturesque bank of the Protva River. The city of Obninsk was established at the time of the commissioning of the world's First Nuclear Power Plant, and is at present one of the largest scientific centers involved in the comprehensive study of nuclear power utilization. Obninsk gained a status of «City of Science» in the year 2000.

Organizing Committee:

B.I. Fursov, Chairman, Director of Institute for Nuclear and Neutron Physics (INNP), IPPE;
A.V.Ignatyuk, Vice-Chairman, Head of Theoretical Division, IPPE;
B.D.Kuzminov, Vice-Chairman, Deputy Director of INNP, IPPE;
R.G.Tertychnyy, Scientific Secretary, Fission Laboratory, IPPE;
S.N.Abramovich (VNIIEF, Sarov), P.V.Bogdanov (MINATOM, Moscow); A.A.Goverdovsky (IPPE); A.V.Gulevich (IPPE), G.V.Danilyan (ITEP, Moscow), W. Furman (JINR, Dubna); M.G.Itkis (JINR, Dubna), N.P.Kocherov (KhRI, St.Petersburg) V.G.Myasnikov (IPPE), Yu.Tc.Oganessian (JINR, Dubna); A.A.Ogloblin (KI, Moscow), G.A.Petrov (PINP, St.Petersburg)

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