

INFORMATION SHEET

Joint Institute for Nuclear Research (JINR) in co-operation with several national and international institutions (to be announced later) is organizing the INTERNATIONAL SYMPOSIUM ON *IN SITU* NUCLEAR METROLOGY AS A TOOL FOR RADIOECOLOGY (INSINUME'2010) to be held on 20-23 October 2010 in Dubna, Russia.

Dubna is a science town allocated 130 km north of Moscow on the banks of the Volga River. Since 2005 the city is under construction of special economic zone "Dubna" for development of modern technologies. The International University of Nature, Society and Man of Dubna, Choir Studios, symphony orchestra, and sport complexes make the town an educational and cultural centre of the Russian Federation.

JINR is a world-known centre where the fundamental research is successfully integrated with the development of new technologies, application of the latest techniques, and university education. JINR is a genuine international institution comprising 18 member states and 7 associated member states. The main fields of JINR's activity are theoretical and experimental studies in elementary particle physics, nuclear physics, condensed matter physics, and radiobiology. The name "Dubnium" was assigned to element 105 of the Periodic Table in recognition of the achievements of JINR's staff of researchers and their contribution to modern physics and chemistry.

This Symposium is the 5th in the series of INSINUME conferences, previously held in Rabat-Marocco (2008), Kusadasi-Turkey (2006), Albena-Bulgaria (2004) and Fleurus-Belgium (2002).

The scope of the Symposium:

- New technologies and methodologies applied to measurements of radionuclides in situ and in the laboratory.
- Transfer of radionuclides in terrestrial and aquatic ecosystems; assessment of exposure to man and ecosystem
- Management of environmental crises related to nuclear accidents including social and economic aspects.
- Safety standards for radiation protection of the public and the environment; assessment and quality management.
- Development of national and international databases for their exchange among scientists and information to the general public.
- Mapping and modeling of radioactive contamination using GIS-technologies.
- Utilization of nuclear wastes: new technologies, policy and legislation of the European Union.

It may also include other topics relevant to the trend of the Symposium.

Conference Structure and Deadlines

The main Symposium sessions will be comprised of selected oral presentations. A poster exhibition will be arranged for all accepted posters.

Abstracts, not exceeding 500 words, should be submitted to the conference organizers before **15 April 2010**. These abstracts will be reviewed by the scientific committee and authors will be notified whether or not their abstracts have been accepted before **01 July 2010**. Authors of accepted abstracts will be asked to submit full papers before **30 September 2010** for publication in one of the ISI Journals relevant to the topic of the Symposium.

Conference Language is English.

Conference Fee

The conference fee will cover transportation from Moscow airport to Dubna and back, accommodation in the hotel "Dubna", lunches, Get-together party on October 19 and Conference Dinner on October 22, coffee-breaks, and conference materials (a copy of the Booklet of compiled abstracts and a copy of the Symposium Proceedings).

Participants: 400 €

Students 250 €

Accompanying persons 250 €

Time and Venue

The Symposium will take place at the premises of the Laboratory of Information Technologies of JINR.

Social Programme will include:

Concert of Organ Music (October 20 or 21)

Excursion to Sergiev Posad (October 22)

Ladies' Programme during the Symposium

Excursion to Moscow (October 24)

Post-Symposium tour to St. Petersburg.

The Symposium website is <http://insinume2010.jinr.ru>

Conference Executives

Chair: Prof. **Mikhail ITKIS**, JINR Vice-Director

Scientific Secretary of the Conference:

Dr. **Marina FRONTASYEVA** (JINR, Frank Laboratory of Neutron Physics)

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Visiting the following websites, you may get information about JINR: www.jinr.ru and Dubna: www.dubna.ru and <http://wwwinfo.jinr.ru/dubna-e.htm>