

Organization of the School is carried out by the JINR Organizing Committee under the chairmanship of the JINR Acting Director Professor Mikhail Itkis and Belarus Organizing Committee under the chairmanship of the Chairman of the State Committee on Science & Technologies of the Republic of Belarus Dr. Sc. Igor Voytov.

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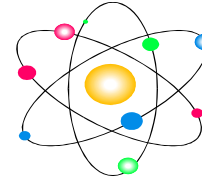
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If any problem appears, please, contact us any time.



**THE XI-th INTERNATIONAL SCHOOL-SEMINAR  
 "THE ACTUAL PROBLEMS OF MICROWORLD PHYSICS"**

**Gomel region, Belarus, August 1 - 12, 2011**

Information on the School-Seminar is available at <http://gomelschool.hep.by/>

*The new XI-th school-seminar is dedicated to the 55-th anniversary of the Joint Institute for Nuclear Research and the 100-th anniversary of the famous physicist F.I.Fyodorov.*

**ORGANIZERS**

Joint Institute for Nuclear Research (Dubna, Russia)  
 National Center of Particle and High Energy Physics of the Belarussian State University (Minsk,Belarus)  
 B.Stepanov Institute of Physics of the National Academy of Sciences of Belarus (Minsk, Belarus)  
 Gomel Branch of the National Academy of Sciences of Belarus (Gomel, Belarus)  
 F.Skorina Gomel State University (Gomel, Belarus)  
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**SCIENTIFIC PROGRAMME**

Lecturers from JINR, its member-states and other countries will deliver lectures on the following topics:  
 - status and main recent experimental results from HERA, TEVATRON and other accelerators,  
 - experiments at LHC: results and perspectives,  
 - physics with future linear colliders (ILC, CLIC,...)  
 - non-accelerator physics,  
 - physics "in" and "beyond" the Standard Model,  
 - soft and hard QCD processes (perturbative and nonperturbative processes, jets, hard diffraction, quark-gluon medium and so on),  
 - new trends in quantum field theory,  
 - relativistic nuclear physics,  
 - review lectures on new trends in technologies, nanotechnologies, information technologies, quantum computing technologies and new materials.

All students are invited to contribute original research papers as posters.

**Place**

By tradition the School-Seminar will take place in the sanatorium "Zoloty Peski" ("Golden Sands"). The sanatorium is a resort situated on the bank of the Sozh river in the picturesque pine and oak park, about 30 – 45 minutes' drive by road south of Gomel.

The address: Sanatorium 'Zoloty Peski', 247019 Gomel region, p/o Novaya Guta  
 Tel.: + 375 232 913588

The city of Gomel for population and size rates second in the Republic of Belarus. It's an industrial, educational, scientific and cultural centre. One may enjoy walking in the beautiful park with a hundred species of trees and see the Paskevich palace situated in the park as well as visit one of Gomel theatres.

The participants will be **accommodated** in big sleeping buildings and smaller cottages, the rooms have bath/shower. Three **meals** per-day made to order will be served in the sanatorium canteen. Traditional

Belarussian dishes will be suggested. The **facilities** available are: a swimming pool with mineral water, a football field, a sports hall, a billiard, a small shop, a bar, a library. **Medical and health-improving facilities** are available partly free of charge and some should be paid for. There is a spring of local mineral water available on the territory of the sanatorium.

### Climate

Although we hope for warm and sunny weather rain may be part of the picture.

### Time-Table

- 1 August- arrival day
- 2 – 5, 8-11 August, - working days
- 6-7 August - days off
- 12 August - departure day

### Participation

A total of about 130 participants is expected to take part in the School-Seminar. Persons wishing to attend should register electronically using the website of the conference. If any problems appear, please, apply to the School Secretaries by e-mail or fax.

The addresses one can find at the site and are given at the end of this Bulletin.

Official invitations will be sent to the applicants after consideration of their applications. The **deadline for applying** is June 30, 2011.

### REGISTRATION FEE

The registration fee, of 480 Euro per participant and 360 Euro per accompanying person, includes:

- car transportation from Minsk airport to Gomel and back,
- accommodation and meals,
- refreshments during the breaks, welcome party,
- social programme,
- a copy of the School proceedings.

The fee will be accepted only in cash in Euro or US dollars during the registration of the participants on their arrival.

### LANGUAGE

English is the working language of the School-Seminar and publications.

### CONTRIBUTIONS

All presented lectures will be included in the School-Seminar Proceedings. The posters will be published as thesis (title and abstract) or in some cases as articles. This point is at the Organizing Committee's discretion. Contributions should not exceed 15 pages for a lecture and 5 pages for a poster. They have to be presented as a LaTeX file. The following sizes have to be used as a model for your article:

12 pt, textwidth = 133 mm, textheight = 196 mm. Tables and figures with captions have to be included into the text or placed after the bibliography. epsfig style can be used. Ps and eps files for figures have to be presented also. Do not begin REFERENCES on a new page unless this is absolutely necessary. Participants are asked to check attentively their own papers (spelling, equations, references, etc.)

Please send your contribution by e-mail: [gomelschool@hep.by](mailto:gomelschool@hep.by) (preferred) or [mos@hep.by](mailto:mos@hep.by). It is helpful to submit also the hard copy of your article to the Organizing Committee on the day of arrival.

### VISAS

Participants from most countries must have Belarussian visas to enter Belarus. To obtain Belarussian visa in time an official invitation should be presented to the Belarussian Consulate a week (5 working days) or 48 hours (urgency application) before your departure. The visa fee varies for different countries. Some details may be found here: <http://www.mfa.gov.by/en/visa/details/>

To issue an official invitation the School Secretariat needs your personal data. Please fill in the registration page at our site carefully!

**ATTENTION!** In the case there is no Belarussian Consulate in your country it is possible to get the Belarussian visa at the airport MINSK-2 upon arrival.

**NOTA BENE!** If you are going to reach the School (Gomel, Belarus) via Russia you are kindly requested to inform Elena Russakovich not later than June 15, 2011, as in such a case you will need both Russian and Belarussian visas, and two different invitations (to Russia and Belarus) will be provided.

### TRANSPORTATION

Participants who wish to be met at Minsk or Gomel Airports are kindly requested to inform the Belarussian Organizing Committee by e-mail or fax of the exact flight number, date and time of arrival at least three working days before. Outside the airport, the car will be parked in the fenced-off area opposite the airport exit, and the mark "GOMELSCHOOL 2011" will be on the windscreen.

It is possible to contact the Organizing Committee in Minsk from the airport by telephone, # 2927259 and in Gomel, #(0232) 578253 (during office hours 8.30– 13.00, 13.45 – 17.15).

There is a regular train service to Gomel from Minsk (it takes nearly 5 hours).

### Social programme

A welcome party will be held on the day of opening, Tuesday, 2 August.

A pleasure boat trip and a barbeque are planned for Saturday, 6 August.

An excursion to Gomel and a countryside museum are planned for Sunday, 7 August.

School dinner will be on Thursday, 11 August.

### INTERNATIONAL ADVISORY COMMITTEE

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