



*THE XIV-th INTERNATIONAL SCHOOL-CONFERENCE*  
**"THE ACTUAL PROBLEMS OF MICROWORLD PHYSICS"**

**Grodno, Belarus, 12–24 August , 2018**

<http://inp.bsu.by/gomelschool2018>

*In Memory of Professor Nikolai Shumeiko (1942-2015)*



**ORGANIZERS**

Joint Institute for Nuclear Research (Dubna, Russia)  
Institute for Nuclear Problems  
of Belarusian State University (Minsk, Belarus)  
B.Stepanov Institute of Physics of the  
National Academy of Sciences of Belarus (Minsk, Belarus)  
Ya.Kupala State University of Grodno (Grodno, Belarus)

**SCIENTIFIC PROGRAMME**

Lecturers from JINR, its member-states and other countries will present lectures on the following topics:

- Recent experimental results from World Accelerator Centers (CERN, JINR etc.),
- Research programs with ions (NICA, LHC, FAIR),
- Future experiments at LHC and other planned colliders,
- Non-accelerator Physics, Astrophysics and Cosmology,
- New trends in Quantum Field Theory,
- Relativistic Nuclear Physics,
- Nuclear Medicine,
- Modern methods in modelling and data processing,
- Nuclear Electronics and Detectors,
- New Trends in Materials Engineering and Facilities Design.

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

**Place**

The School-Conference will take place in the sanatorium “Ozerny”. The sanatorium is a resort situated in the picturesque countryside on the bank of the Beloe lake and pine park, about 15 minutes drive by road east of Grodno.

Address: Sanatorium “Ozerny”, 231753, Grodno region, p/o Ozery

Web-site: [http://ozerny.by/glavnaya\\_en/](http://ozerny.by/glavnaya_en/)

Tel.: + 375 15 798510, + 375 15 798525,

Fax.: + 375 15 798550

e-mail: ozerny@ozerny.by



**The city of Grodno (Hrodna)** is a huge industrial, educational, scientific and cultural centre in Belarus on bank of the Neman river close to the borders of Poland and Lithuania. The town was planned around the Old Grodno Castle, built in 13th century and later renovated in the Renaissance style. The New Castle located nearby was built in 18th century. The history of Grodno is closely related to the famous names of Vytautas the Great, Stephen Báthory, Tadeusz Kościuszko, Pyotr Stolypin, Maksim Bahdanovič, Vasil' Bykaw and many others.

The participants will be **accommodated** in comfortable buildings, all the rooms are equipped with bath/shower. Three **meals** per-day made to order will be served in the sanatorium canteen. Traditional Belarusian dishes will be suggested. The **facilities** available are: a swimming pool and aqua park, sport complex. **Medical and health-improving facilities** are available partly free of charge and some should be paid for.

## CLIMATE

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

## TIME-TABLE

12.08–13.08	– arrival days,
14.08–17.08, 20.08–23.08	– working days
18.08–19.08	– days off
24.08	– departure day

## PARTICIPATION

A total of about 130 participants is expected to take part in the School-Conference. 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 15, 2018.

## LANGUAGE

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

## CONTRIBUTIONS

The selected contributions will be ***published in peer-reviewed journal***. The details will be available later.

All presented lectures will be included in the School-Conference Proceedings. The posters will be published as thesis (title and abstract) or in some cases as articles. This point is at the Organizing Committee 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 kindly asked to check attentively their own contributions (spelling, equations, references, etc.).

Please send your contribution by e-mail: [makarenko@inp.bsu.by](mailto:makarenko@inp.bsu.by) CC: [makarenko@hep.by](mailto:makarenko@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 Belarusian visas to enter Belarus. To obtain Belarusian visa in time an official invitation should be presented to the Belarusian Consulate (the addresses and phone/fax numbers are enclosed) several weeks before your departure. The visa fee may be varied in different countries. 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 Belarusian Consulate in your country it is possible to get the Belarusian visa at the airport MINSK-2 upon arrival.

**Important: Citizens of 80 countries may visit Belarus without visas for maximum 5 days** (including arrival and departure days).

**NOTA BENE!** If you are going to reach the School (Grodno, Belarus) via Russia you are kindly requested to inform Elena Russakovich not later than May 15, 2018, as in such a case you will need both Russian and Belarusian visas, and two different invitations (to Russia and Belarus) will be provided.

## REGISTRATION FEE

The registration fee (the amount will be announced in February 2018) includes:

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

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

## TRANSPORTATION

Participants who wish to be met at Minsk or Grodno Airports are kindly requested to inform the 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 "ACTUAL PROBLEMS OF MICROWORLD PHYSICS 2018" will be on the windscreen.

It is possible to contact the Organizing Committee in Minsk from the airport by telephone, +375-17-2264221 (during the office hours 9.00--13.00, 14.00--18.00).

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

## Social programme

A welcome party will be held on Tuesday, August 14.

A barbeque is planned for Saturday, August 18.

An excursion to Grodno is planned for Saturday, August 19.

School dinner will be on Thursday, August 23.

## Addresses for correspondence:

Vladimir Makarenko (Scientific Secretary) e-mail: <a href="mailto:makarenko@inp.bsu.by">makarenko@inp.bsu.by</a> , <a href="mailto:makarenko@hep.by">makarenko@hep.by</a> Tel: +375 17 2264221, +375 29 6161803 Fax: +375 17 2265124	Elena Russakovich (Secretary) e-mail: <a href="mailto:rusakovich@jinr.ru">rusakovich@jinr.ru</a> Fax: +7 49621 65992 Tel: +7 49621 63890
<b>Institute for Nuclear Problems of Belarusian State University</b> Bobruiskaya str. 11, 220030 Minsk, Belarus Tel: +375 17 2264231	<b>International Department Joint Institute for Nuclear Research</b> 141980 Dubna, Russia

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

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