



**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 (1942-2016)



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 surrounded by a pine park, about 15 minutes drive east of Grodno.

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

Web-site: 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 an industrial, educational, scientific and cultural centre in Belarus on the banks of the Neman river close to the borders of Poland and Lithuania. The town was planned around the Old Grodno Castle, built in the 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 offered. The **facilities** available are: a swimming pool and aqua park, a sport complex. **Medical service** is available partly free of charge.

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 at the website. In case of any problems the applicants are welcome to contact the School Secretaries.

Official invitations will be sent after consideration of the 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 CC: 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 depends on the type of accommodation (double room, single room or two-room apartments). Please, contact Organizing Committee for the actual amount of the fee.

The registration fee 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 registration fee for selected applicants will **paid by the Organizing Committee**.

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:

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