

## Dear Colleagues!

We are pleased to invite you to participate in the International seminar «*Problems in Physics of Fundamental Interactions – theory, phenomenology, experiment*» (*ProFI-2015*), that will be hosted by the P. Sukhoi State Technical University of Gomel and held from November 19 to November 20, 2015. The seminar will be organized by the Abdus Salam ICTP Affiliated Centre and International Centre for Advanced Studies. The aim of the seminar is to discuss the latest development in physics of fundamental interactions.

We would be grateful if you could share the information about this event with your colleagues.

### Main Topics

- recent experimental results from LHC
- physics at future linear colliders
- spin physics
- physics beyond the Standard model (colliders, rare processes, exotica)
- soft and hard QCD processes
- new trends in quantum field theory
- selected experimental results.

### Local Organizing Committee

A.A. Boiko (Chair)  
A.A. Pankov (Co-chair)  
O.P. Solovtsova (Co-chair)  
A.A. Babich (Sc. secretary)  
A.S. Ryabtseva (Secretary)  
V.V. Kirienco  
S.S. Prischepov  
A.I. Rossol  
A.V. Tsytrinov  
I. A. Serenkova  
V.L. Khandramai  
V.A. Gorodnaya  
E.A. Degtyareva

### Participation

The contributed talks at **ProFI-2015** will be presented as plenary (30 min) and session reports (15 min) in oral or webinar forms. Apart from invited talks, the organizers plan to host a number of shorter contributed talks and posters (for Ph.D. students).

**The registration fee** for participants will be **BYR 200 000** (about RUR 700). No fee for Ph.D. students. The registration fee includes: seminar bag and name badge; seminar program and book of abstracts; copy of the seminar proceedings.

The fee will be accepted in cash in BYR during the registration of the participants upon their arrival or alternatively by direct money transfer to the bank account.

Participants should send the application form (see below) in electronic form to the Organizing Committee.

### Submission for Abstracts and Papers

Authors are invited to submit (to the seminar e-mail address [rossol@gstu.by](mailto:rossol@gstu.by)) **an Abstracts** of about 250 words in English or Russian related to the above topics including the key concepts and novel features of reports. The abstract should include the authors names, affiliation, e-mail and postal address for communication.

**Deadline for registration and submission of abstracts: November 8, 2015.**

Original reports will be published in the Seminar proceedings book.

Reports should be presented in the form of scientific articles according to the rules of the scientific journal “Vestnik GSTU”:

<https://www.gstu.by/ru/publishing/vestnik/authors>.

The manuscripts, including figures and tables, should not exceed 8 pages for plenary, and 4 pages for session and posters reports. Materials should be submitted in electronic form to the seminar e-mail.

**Deadline for submission of papers: December 15, 2015.**

**Conference languages are English and Russian**

**Social activity program will be proposed.**

## APPLICATION FORM

Name of author (authors) \_\_\_\_\_  
\_\_\_\_\_

Affiliation, academic degree, status \_\_\_\_\_  
\_\_\_\_\_

Title of report (paper) \_\_\_\_\_  
\_\_\_\_\_

Abstract (max. 250 words) \_\_\_\_\_  
\_\_\_\_\_

The form of participation (underline)

- Plenary report
- Sectional report
- Poster report

Address for correspondence \_\_\_\_\_  
\_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Necessity of hotel reservation: ( if YES specify the dates otherwise NO) \_\_\_\_\_

Date \_\_\_\_\_ Signature \_\_\_\_\_

## Contacts

**Alla Semenovna Ryabtseva (Secretary)**

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**Web:** <http://www.gstu.by/ProFI-2015>

## Bank Account

**№ 3632900000608**

OAO «ASB Belarusbank» branch 300 GOU  
(246050, Gomel, Frunze 6a), code 661

UNN 400073500, OKPO 055706993000

(indicating the purpose of payment "for  
participation in the seminar ProFI-2015")

Ministry of education of the Belarus,  
P. Sukhoi State Technical University of  
Gomel



International Seminar

Problems in Physics of  
Fundamental Interactions –  
theory, phenomenology,  
experiment (ProFI-2015)

November 19-20, 2015

*Information letter*

Gomel 2015