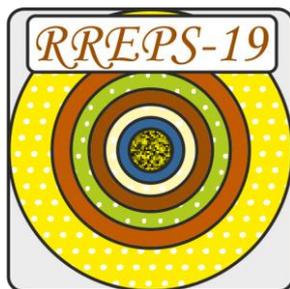


## SECOND ANNOUNCEMENT AND CALL FOR PAPERS



### XIII INTERNATIONAL SYMPOSIUM RADIATION FROM RELATIVISTIC ELECTRONS IN PERIODIC STRUCTURES

September 16-20, 2019, Belgorod, Russia

Organized by Belgorod State University, Tomsk Polytechnic University  
and National Research Nuclear University "MEPhI"

#### SYMPOSIUM TOPICS

- General radiation properties from relativistic particles
- Cherenkov radiation
- Transition radiation
- Parametric X-ray radiation (PXR)
- Diffraction radiation and Smith-Purcell radiation
- Coherent bremsstrahlung and channeling
- Crystal-assisted processes
- Applications of monochromatic X-ray,  $\gamma$  - ray and Terahertz beams produced at electron accelerator

#### PROGRAMME COMMITTEE

X. Artru (INP-Lyon, France), S. Dabagov (LNF, Italy), P. Karataev (RHUL, UK),  
G. Kube (DESY, Germany), T. Lefevre (CERN, Switzerland),  
A. Mkrtychyan (IAPP, Armenia), A. Potylitsyn (TPU, Russia), N. Shulga (KIPT, Ukraine),  
M. Strikhanov (MEPHI, Russia), A. Tyukhtin (SPbSU, Russia), J. Urakawa (KEK, Japan).

#### ORGANIZING COMMITTEE

**Chair:** Oleg N. Polukhin

**Co-Chairmen:** Alexander Potylitsyn (TPU, Russia),  
Alexander Kubankin (BSU, Russia)

**Members:** A. Bogdanov (TPU, Russia), A. Kaplii (BSU, Russia),  
I. Nikulin (BSU, Russia), R. Nazhmudinov (BSU, Russia),  
L. Puzyrevich (TPU, Russia), A. Tishchenko (MEPhI, Russia),  
K. Vokhmyanina (BSU, Russia)

**Symposium Language: ENGLISH**

## SOME IMPORTANT DEADLINES:

Abstracts of papers:	1 July 2019
Request for student support:	8 July 2019
Information about acceptance:	1 August 2019

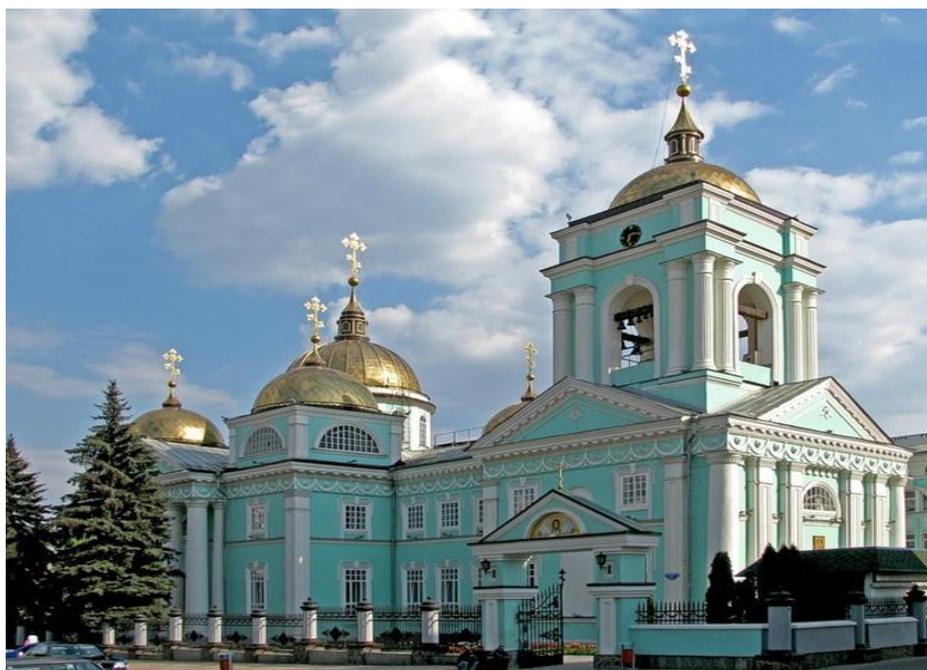
## SYMPOSIUM WEB PAGE

<http://rreps.tpu.ru/>

### 1. ORGANIZATION

The Symposium will be held in **Belgorod, Russia**.

Belgorod is a city located in the south of European Russia, the capital of the Belgorod region. The city stands on the banks of the Seversky Donets River, about 700 km south of Moscow.



The first time a settlement on the present Belgorod territory was mentioned in 1237. The village was completely destroyed during Batu Khan's invasion in the Russian land. It was founded again in 1596 (the official foundation date of Belgorod) by the order of Tsar Feodor I Ioannovich. The particular geographical location of the region has a great impact on its potential for recreation and tourism. On one hand, the region is close to the capital; and on the other hand, it is close to the traditional and popular resorts of the Crimea, the Caucasus, the Azov and Black Seas.

The name "Belgorod" in English means "White Town" as it is situated on large deposits of chalk. The population of the city is close to 450 thousand. It is an ancient Russian city, founded by Slavonic tribes as an outpost to defend the southern borders of the Russian State. Belgorod is one of the cleanest and well-planned cities in Russia.

During the period of Peter the Great Belgorod played a significant part in building the Russian Empire. In the 18th – 19th centuries Belgorod was closely associated with the names of the first Russian actor M. Shchepkin, and V. Shukhov, a scientist and an engineer of world fame. The local drama theatre and Technological University have been named after these outstanding people.



Today, Belgorod is a city with a strong construction industry, enterprises of power mechanical engineering, metalworking and electronics, developed social and cultural infrastructure.

Belgorod is incredibly interesting and original; here there are interesting monuments of architecture, ancient temples and museums.

## 2. SYMPOSIUM VENUE



Belgorod State University (Symposium location) is located near the city center at Pobedy str. 85.

### 3. GENERAL INFORMATION

#### Preliminary timetable:

Date	Morning	Afternoon	Evening
September, 15 Sunday		Registration	Welcome Party
September, 16 Monday	Registration, Opening and Plenary Session	Oral Session	Poster session
September, 17 Tuesday	Oral Session	Oral Session	Oral Session
September, 18 Wednesday	Symposium Excursion		Poster session
September, 19 Thursday	Oral Session	Oral Session	Symposium Dinner
September, 20 Friday	Oral Session, Closing	Departure	Departure

The plenary sessions will consist of invited 30 minute talks. The contributions (original reports) selected for oral sessions should not exceed 20 minutes. A preliminary schedule of the Symposium is summarized in the table above. During “RREPS-19”, the terminal with provision for E-mail will be available for participants.

### 4. ABSTRACTS

Those wishing to present a contribution(s) should submit Abstract(s) electronically to “RREPS-19” Organizing Committee (see <http://rreps.tpu.ru>) before July 1, 2019.

**Guidelines:** one page A4, WORD (preferable, abstracts in LaTeX also acceptable), Times New Roman 12 pt., the title centered at the top of the page (bold type), one empty line, authors' names (centered), affiliation and complete address (centered), one empty line, text of abstract. The name of the person presenting the contribution should be underlined and supplied by an e-mail address (in footnote). Margins of 2.5 cm from all sides of the paper should be used. Tables, black and white figures or drawings are acceptable, if unavoidable. Final version in the Book of Abstracts will be reduced to A5 format. The Program Committee will decide about the acceptance of contributions by July, 8, 2019. The authors will be notified on the type of presentation (oral or poster) of their contributions by July 8, 2019. The information concerning the poster format will be available on symposium website.

### 5. PROCEEDINGS

The Proceedings of “RREPS-19” Symposium are planned to be published in a peer-reviewed journal. Participants need not bring the complete manuscripts to the Symposium in September, but rather be ready right after the Symposium, based on the discussions there, to write their papers. The detailed instructions will be given during the Symposium and will be available on RREPS-19 Web site. The manuscripts, sent to [rreps@tpu.ru](mailto:rreps@tpu.ru), must reach the RREPS-19 Organizing Committee by **October 20, 2019**.

## 6. ACCOMMODATION

Participants could be accommodated in the Park-hotel Europe (Belgorod, Volchanskaya str., 292B), where we have reserved a number of rooms at special rates for the Symposium. The information about the hotel can be found on the website <https://parkhoteleurope.ru/en/> and on the Symposium website.



*To book a room at the special price, please contact Victoria Dyuzhinova (email: [sales@parkhoteleurope.ru](mailto:sales@parkhoteleurope.ru), 8-952-426-50-57) and **indicate that you are a participant of the “RREPS -19” Symposium.***

For payment, you can use a credit card, electronic cash, cashless payments, or pay by cash upon arrival.

### **Hotel booking is possible after registration only!**

The hotel has a convenient location not far from the city center and from the university. Transportation «BSU»–«Park-hotel Europe» will be arranged by the “RREPS-19” Organizing committee. The welcome party and closing sessions will also be organized in this hotel.

The hotel is located just 15 km away from Belgorod International Airport (EGO) and 5 km far from the railway station. It takes a few minutes by taxi at a reasonable cost.

Student's accommodation (rooms for several persons) with some or full discount will be available (upon request).

## 7. VISA

The Visa support will be made by BSU upon request by the participant to RREPS-19 Organizing Committee. To avoid unpredictable delays connected with summer holiday season, participants are encouraged to send this request by **June 1, 2019.**

The Government of the Russian Federation allows citizens or residents of some countries/territories to enter Russia without Visa. Clarify this information on your local Russian Embassy/Consulate web-site.

If you need Visa, you should obtain a Humanitarian Visa from a Russian embassy. For more detailed information on Russian Humanitarian Visa requirements visit your local Russian Embassy/Consulate web-site.

Supporting letter for Visa will be provided by the BSU upon request via [nazhmudinov@bsu.edu.ru](mailto:nazhmudinov@bsu.edu.ru).

## 8. SYMPOSIUM FEES

The registration fee for participants (not for Russian residents) is 250 Euro (cashless payment before *August 12*) and 100 Euro for accompanying persons by cash only.

350 Euro (after *August 12*) and 100 Euro for accompanying persons by cash only.

The registration fee for participants (for Russian residents) is 18 500 RUB (cashless payment before *August 12*) 26 000 RUB (after *August 12*) and 7 500 RUB for accompanying persons by cash only.

The registration fee for participants covers a copy of a Book of Abstracts, Symposium programme, Coffee-breaks, Welcome party, Excursion, Symposium Dinner. The registration fee for accompanying persons covers Welcome party, Symposium Dinner, Excursion.

The Organizing Committee will have limited possibilities for young scientists support. Those wishing to apply for a student support grant must register at the symposium website, submit an abstract and send a request for support along with a recommendation letter from their supervisor to the Organizing Committee by **July 1, 2019**.

Moreover, the registration fee can be reduced for participants from Russia and other states of former USSR countries. All cases will be considered individually upon request to the Organizing Committee.

The detailed route information will be available on the symposium website:

<http://rreps.tpu.ru>.

## 9. SYMPOSIUM EXCURSION

A bus excursion in caves of The Holy Trinity Kholki Monastery for participants and accompanying persons will take place on Wednesday, September 18, afternoon (included in the registration fee).



## **10. CLIMATE**

The weather in Belgorod during September is mostly not cold. The temperature is usually around +10 to +20°C. Some rains are possible.

## **11. SOCIAL PROGRAM**

### **Welcome Party**

The Welcome Party will be held on Sunday, September 15, at 7 p.m., at the “Europe Park-Hotel” (included in the Registration Fee).

### **Symposium Dinner**

The Symposium dinner will take place in the evening of Thursday September 19. Location will be announced later. (included in the registration fee).

### **Accompanying persons excursions**

There are foreseen excursion tours for accompanying persons (an extra fee of Euro 50 per tour per person will be charged). Details will be listed on “RREPS-19” web site later.

### **Registration Form**

The participants have to register electronically by filling in the Registration Form on “RREPS-19” <http://rreps.tpu.ru>.

### **Travel Information**

The detailed travel information will be available on the Symposium Web site.

## **FOR FURTHER INFORMATION PLEASE CONTACT:**

**“RREPS-19”  
Organizing Committee**

**Phone TPU:** +7(3822) 606 243

**Phone BSU** +7 980 329 32 61

**E-mail:** [rreps@tpu.ru](mailto:rreps@tpu.ru)

**WWW:** <http://rreps.tpu.ru>