

# **BPU11 CONGRESS**

**11<sup>th</sup> International Conference of the Balkan Physical Union  
28 August – 1 September 2022, Belgrade, Serbia**

## **The Second Announcement**

BPU11 Congress – 11<sup>th</sup> **International** Conference of the Balkan Physical Union will be held in Belgrade, Serbia, from 28 August to 1 September 2022. Most of the sessions will take place at the Serbian Academy of Sciences and Arts - SASA. The official language of the conference is English.

### **General Information**

The 11th International Conference of the Balkan Physical Union (BPU11 Congress) is organized by Serbian Academy of Sciences and Arts – SASA; Faculty of Sciences and Mathematics, University of Niš; Faculty of Physics, University of Belgrade; Institute of Physics Belgrade, National Institute of the Republic of Serbia; Vinča Institute of Nuclear Sciences, University of Belgrade, National Institute of the Republic of Serbia; Faculty of Science, University of Kragujevac; Faculty of Science, University of Novi Sad; Faculty of Mathematics, University of Belgrade; Mathematical Institute SASA and SEENET-MTP Centre. BPU11 congress is next in the series of triennial general physics conferences organized under auspices of the *Balkan Physical Union*. Members of the Balkan Physical Union (BPU) are the National Physical Societies of Albania, Bulgaria, Cyprus, Greece, Montenegro, Moldova, North Macedonia, Romania, Serbia, and Turkey. The previous conferences took place in Thessaloniki, Greece (1991), Ismir, Turkey (1994), Cluj-Napoca, Romania (1997) Veliko Turnovo, Bulgaria (2000), Vrnjačka Banja, Serbia (2003), Istanbul, Turkey (2006), Alexandroupolis, Greece (2009), Constanta, Romania (2012), Istanbul, Turkey (2015) and Sofia, Bulgaria (2018).

Due to COVID-19 pandemic the BPU11 Congress has been postponed and will take place in 2022 instead of 2021.

### **Scope**

BPU11 provide a platform for reviewing, disseminating, and discussing novel research results in physics and related fields. The scope of the conference covers experimental and theoretical research in the following fields:

1. Nuclear Physics and Nuclear Energy
2. Astronomy and Astrophysics
3. Gravitation and Cosmology
4. Atomic and Molecular Physics
5. High Energy Physics (Particles and Fields)
6. Condensed Matter Physics and Statistical Physics
7. Optics and Photonics
8. Plasma and Gas-Discharge Physics
9. Theoretical, Mathematical and Computational Physics
10. Meteorology and Geophysics
11. Environmental Physics – Alternative Sources of Energy

12. Physics of Socioeconomic Systems and Applied Physics
13. Biophysics and Medical Physics
14. Physics Education, History and Philosophy of Physics
15. Metrology and Instrumentation

#### **INTERNATIONAL ADVISORY COMMITTEE – members**

Zoran Popović, cochair  
Radu Constantinescu, cochair

#### **INTERNATIONAL ORGANIZING COMMITTEE – members**

Goran Djordjević, cochair  
Luc Berge, cochair

#### **INTERNATIONAL SCIENTIFIC COMMITTEE – members**

Antun Balaž, cochair  
Jugoslav Karamarković, cochair  
Nenad Lazarević, cochair

#### **COUNTRY COORDINATORS - members**

Polikron Dhoqina (Albania)  
Ekaterina Bachvarova (Bulgaria)  
Demetrios Philippou (Cyprus)  
Vasiliki Skoufi (Greece)  
Pavel Topala (Moldova)  
Predrag Miranović (Montenegro)  
Lambe Barandovski (North Macedonia)  
Mitica Dragusin (Romania)  
Ayşegül Ertoprak (Turkey)

#### **Registration and Participation**

The BPU11 Congress will be the hybrid event.

Applicants should register and submit the abstracts through the conference website, [www.bpu11.info/registration](http://www.bpu11.info/registration).

The registration will open 28<sup>th</sup> February 2022. The abstracts should be in line with the templates given at the website. The authors are asked to express their preferences between poster and oral type of presentation, on site or online.

The deadline for abstract submission is 30<sup>th</sup> April 2022. Notification of the abstract acceptance is planned for 1<sup>st</sup> June 2022.

Due to the limited number of oral presentations some of the authors might be asked to prepare poster instead of the preferred oral presentation.

The abstracts will be included in the conference program and in the Book of Abstracts.

### **Presentation Guidelines**

Oral presentations will be restricted to 12+3 minutes, invited presentations within a scientific section to 25+5 minutes, and invited plenary talks to 35+5 minutes (i.e. the last three or five minutes in all types of oral presentations are left for Q&A). Oral presentations must be prepared as MS PowerPoint slideshows or PDF on USB memory sticks. Session rooms will be ready with laptop computers, which the speakers are encouraged to use for their presentations to avoid delays in the schedule.

As for the poster presentations, please note that the venue does not provide printing facility for posters. The authors are asked to prepare their posters in advance. Format of posters will be specified in the next announcement. Instructions for the oral and online presentations will be given in the next announcement.

### **Satellite meetings**

Several Schools, workshops, round tables, and events have been planned in a partnership with the European Physical Society (EPS), as well as with support and through joint programs with CERN, COST, ICTP, JINR, EPS YM and other partners.

Dedicated events will concern, among others, physics education, employment of young physicists and research funding issues in the physics community of the whole Eastern and Southern Europe, whose representatives will be very welcome.

Further information will be provided at the BPU11 webpage and in the Third Announcement.

### **Social Events**

Several social events are planned as: a conference dinner and a half day excursion. Further details will be given in the Third Announcement.

### **Accommodation and Travel Information**

A number of rooms will be booked in the Hotel Palace, Belgrade.

Alternatives, for students and other participant, as well as further details will be given in the Third Announcement.

### **Registration Fees (BPU 11) – on site participation**

<b>Balkan-BPU Countries' Participants and EPS Members</b>	<b>Normal fee (after 15 June 2022)</b>	<b>Early bird fee (before 15 June 2022)</b>
<b>Student – unemployed (**)</b>	<b>50 €</b>	<b>40 €</b>

<b>School Teacher</b>	<b>75 €</b>	<b>60 €</b>
<b>Graduate student - research assistant (with a position at an institute/university)</b>	<b>100 €</b>	<b>80 €</b>
<b>Researchers, Academic Staff with PhD degree</b>	<b>200 €</b>	<b>160 €</b>

**Registration Fees (BPU 11) – on-line participation  
No scientific publication and presentation**

<b>Balkan-BPU Countries' Participants and EPS Members</b>	<b>Normal fee (after 15 June 2022)</b>	<b>Early bird fee (before 15 June 2022)</b>
<b>Student – unemployed*</b>	<b>free</b>	<b>free</b>
<b>School Teacher</b>	<b>free</b>	<b>free</b>
<b>Graduate student - research assistant (with a position at an institute/university)</b>	<b>50 €</b>	<b>40 €</b>
<b>Researchers, Academic Staff with PhD degree</b>	<b>100 €</b>	<b>80 €</b>

**Registration Fees (BPU 11) – on-line participation  
With scientific publication and presentation**

<b>Balkan-BPU Countries' Participants and EPS Members</b>	<b>Normal fee (after 15 June 2022)</b>	<b>Early bird fee (before 15 June 2022)</b>
<b>Student – unemployed*</b>	<b>30 €</b>	<b>25 €</b>
<b>School Teacher</b>	<b>50 €</b>	<b>40 €</b>
<b>Graduate student - research assistant (with a position at an institute/university)</b>	<b>75 €</b>	<b>60 €</b>
<b>Researchers, Academic Staff with PhD degree</b>	<b>120 €</b>	<b>100 €</b>

--	--	--

(<sup>†</sup>) These students should confirm their status with a letter, either from their institute/university or from their advisors.

### **International Participants**

<b>On-site</b>	<b>Normal fee (after 15 June 2022)</b>	<b>Early bird fee (before 15 June 2022)</b>
<b>Student**</b>	<b>150 €</b>	<b>120 €</b>
<b>Nonstudent (Researchers, Professors etc)</b>	<b>300 €</b>	<b>240 €</b>
<b>On-line</b>	<b>Normal fee (after 15 June 2022)</b>	<b>Early bird fee (before 15 June 2022)</b>
<b>Student**</b>	<b>90 €</b>	<b>70 €</b>
<b>Nonstudent (Researchers, Professors etc)</b>	<b>180 €</b>	<b>140 €</b>

(\*\*) Students who are not working as research assistants. Student's status confirmation is needed.

The registration fee for onsite participation includes:

- Entry to the scientific program and poster sessions
- Electronic Book of abstracts on USB or printed
- Certificate of attendance
- Welcome reception
- Coffee break beverages
- Up to one submitted manuscript per registration fee

#### **Online participation without scientific publication and presentation**

- For registered students and school teachers: access to the scientific program is granted.
- For other online participants: access to the scientific program, Electronic Book of abstracts and Certificate of attendance are granted.

Additional fee will be charged for each additional manuscript submitted for publication after the Congress. No fee will be charged from BPU Past Presidents, BPU Executive Committee Members, Acting Presidents of the BPU National Societies

Further details will be given in the Third Announcement. Early registration and payment are encouraged.

### **Support**

Some financial support, towards travel expenses and accommodation will be offered, mainly to the students and Early-Stage Researchers. More details will be given after the approval of the BPU11 sponsors.

### **Contact**

E-mail: [bpu11@bpu11.info](mailto:bpu11@bpu11.info) Phone: +381 18 274-660 Website: [www.bpu11.info](http://www.bpu11.info)

---