



Balkan Physical Union

Second Announcement of BPU12 CONGRESS

July 8 – 12, 2025, Bucharest, Romania

General Information:

The 12th General Conference of the Balkan Physical Union will be held as the BPU 12 Congress in Bucharest, Romania, from July 8 to July 12, 2025. The Congress activities will be held at the National University for Science and Technology “Politehnica” from Bucharest, <https://international.upb.ro/>

Partner organizations and institutions:

The BPU 12 Congress is organized by **Balkan Physical Union**, as main organizer, in partnership with:

- European Physical Society (EPS)
- Romanian Physical Society (RPS)
- University “Politehnica” Bucharest (UPB)
- University of Bucharest (UB)
- University of Craiova, Romania (UCV)
- National Institute for Physics and Nuclear Engineering “Horia Hulubei” Magurele (NIPNE-HH)

Publication partners:

The papers presented in the Congress can be published, after peer-review, without publication fee, in one of the volumes:

- EPJ Web of Conferences – published by EDP Sciences
- Focus Point Issue of EPJP (IF 2.8) - co-published by Springer and Societa Italiana di Fisica.
- Special Issue of Symmetry (IF 2.2) - published by MDPI

Scientific Sessions:

- S01 – Atomic, Molecular and Optical Physics
- S02 – Biophysics, Life Sciences, Medical Physics
- S03 – Condensed matter, Materials and Applied Physics
- S04 – Environmental and Solar Physics, Meteorology and Geophysics
- S05 – High Energy, Particle Physics, Gravitation and Cosmology
- S06 – Interdisciplinary Physics, Mathematical and Computational Methods
- S07 – Nuclear Physics, Energy Science and Technology, Accelerators and beams
- S08 – Plasma, Statistical and Nonlinear Physics
- S09 – Physics Education, History and Philosophy of Physics
- S10 – Quantum Physics, Information and Communication

Program:

BPU 12 activities will consist in **scientific sessions** (plenary, oral and poster), **satellite events**, **round tables** and **visits**. These will be scheduled as follows (hours correspond to Bucharest time-CET+1):

July 8, 2025: Arrival of participants

16:00 - Opening Ceremony ("Politehnica" University, Main Aula)

17:00 - Plenary Session 1 ("Politehnica" University, Main Aula)

20:00 – Welcome Dinner (Restaurant of the "Yesterday" Hotel)

July 9, 2025:

09:00 - Plenary Session 2 (Rectory Building, A 010 Amphitheater)

10:00 – Round table "Physics for development-new ways for scientific cooperation".

11:00 – Oral Session 1 for Sections 1 – 5 ("Politehnica" Library, Levels 2-4)

15:00 - Oral Session 1 for Sections 6 – 10 ("Politehnica" Library, Levels 2-4)

19:00 – Poster Session for Sections 1 – 5 ("Politehnica" Library, Levels 2-4)

July 10, 2025:

09:00 – Plenary Session 3 (Rectory Building, A 010 Amphitheater)

11:00 – Oral Session 2 for Sections 6 – 10 ("Politehnica" Library, Levels 2-4)

15:00 – Oral Session 2 for Sections 1 – 5 ("Politehnica" Library, Levels 2-4)

19:00 - Poster Session for Sections 6 – 10 ("Politehnica" Library, Main Hall)

July 11, 2025:

09:00 - Plenary Session 4 (Rectory Building, A 010 Amphitheater)

11:00 - Oral Sessions ("Politehnica" Library, Levels 2-4)

13:00 – Closing Ceremony (Rectory Building, A 010 Amphitheater)

15:00 - Visit at the Large "Extreme Light Infrastructure", at NIPNE-HH Magurele

July 12, 2025:

09:00 - The BPU Council (only for the delegates of National Physical Societies)

Departure of participants

Satellite events:

July 1–7, 2025: PhD School "Modern Methods in Quantum Gravity and Cosmology"

(University of Bucharest - Faculty of Physics, Magurele)

July 4-8, 2025: School "Frontiers in Quantum Science and Technology"

("Politehnica" University – Main Library, Hall 2.1)

July 7-8, 2025: SEENET Workshop and Assessment Meeting

("Politehnica" University – Main Library, Hall 3.1)

July 9, 2025: Round table: Physics for development-new ways for scientific cooperation in Europe

("Politehnica" University – Main Library, Hall 3.1)

July 9-10, 2025: EPS-TIG hands-on session "Frontier of Quantum Technologies"

("Politehnica" University – Main Library, Halls 2.1)

Presentation Guidelines:

The session rooms are equipped with laptop computers and all the necessary conference facilities. The presentations must be prepared as MS PowerPoint slideshows or PDF on USB memory sticks.

The normal duration of the scientific presentations will be:

- Oral presentations: 12 minutes + 3 minutes for Q&A,
- Invited presentations within a scientific section: 25+5 minutes for Q&A,
- Invited plenary talks: 35 minutes + 5 minutes for Q&A.

The posters have to be printed by authors, on the format they have to ask organizers.

Registration and Participation:

- The BPU12 Congress will be a hybrid event, both on-site and online participation being possible. All participants are requested to register and announce their contributions in due time on the Congress website, at <https://bpu12.ucv.ro/registration/>
- Registration fees are between €60 and €150, but a fee reduction or exemption may be obtained by invitation or on request. Payment of the fee allows access to the scientific program, coffee breaks and welcome party.
- A separate fee of €75 is required for each scientific contribution submitted (maximum 2/author)

Deadlines:

- May 15, 2025: Early bird fee payment (10% of reduction)
- June 16, 2025: submission of titles and abstracts for scientific contributions (maximum 2/author)
- June 30, 2025: registration for online/on-site participation without contributions

Accommodation:

Participants will choose and book their own accommodation in Bucharest. Advance arrangements have been made for a limited number of rooms at preferential rates, as it follows:

Hotels at walking distance to Congress venue:

- [Ambiance Hotel](#) 3* (€60/single- €65/double- €75/ triple room with breakfast, free WIFI, shuttle on request)
- [Yesterday Hotel](#) 3* (€55/single- €65/double- €85/triple room with breakfast, free WIFI)
- [Sir Orhideea Hotel](#) 2* (€46/single or double room, without breakfast, free WIFI, limited free parking)
- [Sir Lujerului Hotel](#) 2* (€41/ single or double room, without breakfast, free WIFI)

Hotels asking for public transport to the Congress venue:

- [Sir Royal Hotel](#) 4* (€70/ single- €90/ double room, with breakfast, free WIFI, free parking, located near Romexpo area, at 20 minutes walking till the closest metro station)
- [Duke Hotels Collection](#) (€60/single- €65/double- €75/ triple room with breakfast, free WIFI, two hotels situated in the City Center)

Preferential rates can be obtained using **BPU 12** as the booking code, until 15 May 2025.

Other accommodation offers:

A limited number of cheaper accommodation arrangements are available in university hotels and residences. They can be offered on explicit request, especially for students and early stage researchers.

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:

Website: <https://bpu12.ucv.ro/>

E-mail: bpu.congress@ucv.ro
