



UNIVERSITATEA BABEŞ-BOLYAI
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TRADITIO ET EXCELLENTIA

Nuclear Physics in Astrophysics XII

Cluj-Napoca, Romania

7-11 September 2026

Babeş-Bolyai University

2nd Announcement

Dates: 7-11 September 2026

Location: Babeş-Bolyai University, Cluj-Napoca, Romania

Venue: FSEGA, 58-60 Teodor Mihali Street, Cluj-Napoca

Format: Invited plenary talks, contributed oral presentations and posters; no parallel sessions

Registration deadline: 16 August 2026

Website: <https://indico.eli-np.ro/event/262/>

Contact: npa12@eli-np.ro

We are pleased to issue the second announcement of the Nuclear Physics in Astrophysics XII Conference (NPA-XII), which will take place at Babeş-Bolyai University in Cluj-Napoca, Romania, from 7 to 11 September 2026.

NPA-XII is part of the biennial Nuclear Physics in Astrophysics conference series, held under the auspices of the Nuclear Physics Division of the European Physical Society. The conference brings together experimental and theoretical nuclear physicists, astronomers and astrophysicists to discuss recent results, new tools and techniques, future perspectives and current challenges across nuclear astrophysics.

The scientific programme will consist of invited plenary lectures, selected contributed oral presentations and poster contributions. All oral sessions will be plenary, with no parallel sessions, in order to encourage interaction across the different topics represented at the conference.

CONFERENCE WEBPAGE AND CONTACT

Updated information about the programme, registration, payment, travel, accommodation and social events is available on the conference webpage.

Website: <https://indico.eli-np.ro/event/262/>

Contact: npa12@eli-np.ro

VENUE

The conference will be held at the Faculty of Economics and Business Administration (FSEGA) of Babeş-Bolyai University, 58-60 Teodor Mihali Street, Cluj-Napoca. The venue is located in the eastern part of the city, close to Iulius Mall and approximately 9 km from Avram Iancu Cluj International Airport.

SCIENTIFIC PROGRAMME

The programme covers the following fields:

1. Cosmology and Big Bang
2. Early stars and galaxies
3. Hydrostatic stellar burning
4. Explosive processes, jets and gamma-ray bursts
5. Cosmochemistry
6. p-, vp- and rp-process nucleosynthesis
7. Neutron stars, mergers and gravitational waves
8. Astrophysical s-process
9. Astrophysical r- and i-processes
10. New tools and techniques, data formats and open access
11. Laser-driven nuclear astrophysics experiments

CONFIRMED INVITED SPEAKERS

The following invited speakers are currently confirmed. The detailed timetable and titles of presentations will be published on the conference webpage.

Name	Affiliation	Scientific topic
Adriana Raduta	IFIN-HH	Neutron stars, mergers, gravitational waves
Andreas Bauswein	GSI Darmstadt	Neutron stars, mergers, gravitational waves
Ani Aprahamian	University of Notre Dame	Laser-driven nuclear astrophysics experiments
Artemis Tsantiri	University of Regina	p-, vp-, rp-process nucleosynthesis
Aurora Tumino	INFN-LNS	Hydrostatic stellar burning
Clara Dehman	University of Alicante	Neutron stars, mergers, gravitational waves
Claudia Lederer-Woods	University of Edinburgh	Astrophysical s-process
Daniel Bemmerer	Helmholtz-Zentrum Dresden-Rossendorf	Early stars and galaxies
Dario Lattuada	INFN-LNS	Laser-driven nuclear astrophysics experiments
David Mascali	INFN-LNS	New tools and techniques, data formats, open access
Eliana Masha	Helmholtz-Zentrum Dresden-Rossendorf	Cosmology and Big Bang
Federico Ferraro	University of Padua	Explosive processes, jets, gamma-ray bursts
Gabriel Martinez-Pinedo	TU Darmstadt / GSI	Astrophysical r- and i-processes
Guy Leckenby	University of Bordeaux	New tools and techniques, data formats, open access
Jakub Skowronski	University of Padova	New tools and techniques, data formats, open access
Jan Glorius	GSI Darmstadt	p-, vp-, rp-process nucleosynthesis
Jordi Jose	Universitat Politècnica de Catalunya	Explosive processes, jets, gamma-ray bursts
Marialuisa Aliotta	University of Edinburgh	Early stars and galaxies
Moshe Gai	University of Connecticut	New tools and techniques, data formats, open access
Nan Liu	Boston University	Cosmochemistry
Nicholas de Sereville	IJCLab	Explosive processes, jets, gamma-ray bursts
Nicole Vassh	TRIUMF	Astrophysical r- and i-processes
Rene Reifarh	Los Alamos National Laboratory	p-, vp-, rp-process nucleosynthesis
Roland Diehl	Max Planck Institute for Extraterrestrial Physics	Cosmochemistry
Rosanna Depalo	University of Milan	Hydrostatic stellar burning
Silke Merchel	University of Vienna	Cosmochemistry
Steffen Turkat	TU Dresden	Cosmology and Big Bang

CONTRIBUTIONS AND PRESENTATION FORMAT

Abstract submission closed on 25 May 2026, and contributors have been informed of the selection of oral and poster presentations. Invited talks are allocated 30 minutes and contributed oral presentations 15 minutes, including discussion. The final timetable and poster-session details will be made available on the conference webpage.

REGISTRATION

Participant registration is mandatory for invited speakers, contributors and attendees. Registration remains open until 16 August 2026 through the Indico registration page.

Registration page: <https://indico.eli-np.ro/event/262/registrations/46/>

CONFERENCE FEES

The early-bird payment period ended on 10 July 2026. The standard conference fees are:

Participant category	Standard fee
Regular participant	580 EUR
EPS or national physical-society member	530 EUR
Student / early-career participant (up to PhD + 2 years)	350 EUR
Accompanying person	250 EUR

PAYMENT

Payment is made by bank transfer. Please include "NPA2026" and the participant's full name in the payment reference.

Account name: SOCIETATEA ROMANA DE FIZICA FILIALA CLUJ

IBAN: RO08RNCB0857120933260001

BIC / SWIFT: RNCBROBU

CIC: 12093326

CUI/CNP: 28010144

Participants who require an invoice before payment should email their name, affiliation, amount to be paid and the institution's VAT number. A receipt suitable for reimbursement will be provided to all participants.

STUDENT AND EARLY-CAREER ELIGIBILITY

PhD students must provide a letter from their supervisor confirming their status. Postdoctoral researchers applying for the reduced fee must be within two years of the date shown on their PhD certificate at the time of the conference and should provide a copy of the certificate.

FINANCIAL SUPPORT

Fee waivers are not available. A limited number of rooms in the university dormitory may be allocated to participants on a first-come, first-served basis. Requests should be sent to npa12@eli-np.ro as soon as possible.

ACCOMMODATION

Accommodation is not included in the conference fee, and participants are responsible for making their own reservations. Several hotels close to the conference venue are recommended below. Participants should book directly with the hotel and use the indicated conference code where applicable.

Hotel	Distance from FSEGA	Booking information
Univers T Hotel (4*)	0.55 km	rezervari@universt.ro
Royal Class Hotel (4*)	1.2 km	Code ROYALNPA2026: 20% discount; 30% advance required
Campeador Inn (4*)	1.7 km	Book directly through the hotel website
Hampton by Hilton (4*)	2.1 km	Book directly through the hotel website
Hotel Beyfin (4*)	2.5 km	City centre; info@hotelbeyfin.com
Courtyard by Marriott (5*)	2.7 km	City centre; book directly through the hotel website

TRAVEL INFORMATION

Cluj-Napoca is served by Avram Iancu Cluj International Airport (CLJ), approximately 9 km from the city centre. The conference venue is FSEGA - Faculty of Economics and Business Administration, Babeş-Bolyai University, 58-60 Teodor Mihali Street.

- Airport buses A1, 8 and 5 connect the airport with central Cluj-Napoca. A single journey costs approximately 3.50 RON (about 0.70 EUR).
- Taxi and app-based services such as Uber and Bolt generally take 15-25 minutes from the airport, depending on traffic, and cost approximately 35-60 RON (about 7-12 EUR).
- From Cluj-Napoca Railway Station, trolleybus line 5 can be taken towards Traian Vuia Street; passengers should get off at Mareşal Constantin Prezan and walk approximately 8-10 minutes to FSEGA.
- A taxi or ride-hailing journey from the railway station generally takes 10-20 minutes and costs approximately 25-40 RON (about 5-8 EUR).

SOCIAL EVENTS

The social programme is designed to encourage scientific exchange in an informal setting:

- Monday, 7 September: welcome reception at the beginning of the conference week.
- Wednesday, 9 September: social excursion to Salina Turda, one of Romania's most distinctive underground attractions.
- Thursday, 10 September: conference dinner.

Further practical information, including meeting points and final timings, will be published on the conference webpage.

NPA-XII SCHOOL

The conference will be preceded by the Nuclear Physics in Astrophysics School XII, held at Babeş-Bolyai University from 31 August to 4 September 2026. The school is intended primarily for PhD students and early postdoctoral researchers and combines lectures with guided hands-on sessions.

School webpage: <https://indico.eli-np.ro/event/280/>

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NEXT UPDATE

The final scientific timetable, poster-session information and practical details for the social programme will be communicated through the conference webpage. Participants are encouraged to check the website regularly before travelling.

We look forward to welcoming you to Cluj-Napoca for NPA-XII!

<https://indico.eli-np.ro/event/262/> | npa12@eli-np.ro