



2026 NUCLEAR PHYSICS IN ASTROPHYSICS - XII

Cluj-Napoca, Romania,
September 7th - 11th, 2026

<https://www.eli-np.ro/events/NPA-XII/index.php>

This is the first announcement of the 12th edition of the Nuclear Physics in Astrophysics Conference (NPA-XII). It is part of a series of conferences taking place every two years, under the auspices of the [Nuclear Physics Division](#) of the [European Physical Society](#). The conference will take place from September 7th - 11th, 2026 in Cluj-Napoca, Romania. Former conferences of this series were held in Dresden (2024), Geneva (2022), Frankfurt (2019), Catania (2017), York (2015), Lisbon (2013), Eilat (2011), Frascati (2009), Dresden (2007), Debrecen (2005, 2002).

NPA-XII aims to review recent results, new tools and techniques, their future perspectives and the current challenges in the broad field of nuclear physics related to astrophysics. The conference will bring together researchers from a multi-disciplinary community of experimental and theoretical nuclear physicists. This edition will consist of invited plenary talks, we will have no parallel sessions. About 30 invited talks and 40 selected oral contributions are foreseen within the conference program. A vast amount of contributions will be presented and discussed in the poster sessions. The selection of the oral and poster contributions will be based on the recommendations of the International Advisory Committee (IAC) and the submitted abstracts. Limited financial support will be provided for early-research career participants.

IMPORTANT DATES

First circular : February 1st, 2026

Abstract submission from : February 1st - April 12th , 2026

Registration opens : March 1st, 2026

Notification of acceptance of oral/poster presentations : April 30th, 2026

Second circular : May 5th, 2026

Deadline for application for financial support deadline : May 15th, 2026

Early bird registration deadline : June 15th, 2026

Deadline for registration : August 15th, 2026

THE SCIENTIFIC PROGRAM COVERS THE FOLLOWING FIELDS:

1. Cosmology and Big Bang
2. Early stars and galaxies
3. Hydrostatic stellar burning
4. Explosive processes, jets, gamma-ray bursts
5. Cosmochemistry
6. p-, n-, rp-process nucleosynthesis
7. Neutron stars, mergers, 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

SOCIAL ACTIVITIES AND EXCURSION

A Welcome Reception will be held in the evening of September 7th, 2026

and the Conference Banquet on September 9th, 2026

An excursion will be arranged on September 9th, 2026

ABSTRACT SUBMISSION

The abstract submission will be open from February 1st to April 12th, 2026.

Please select the session to which you would like to present. Authors will be informed about the acceptance of their abstract and the type of presentation by April 20th, 2026.

REGISTRATION

Online registration will open to all interested participants on March 1st, 2026. For online registration please follow the link at: <https://indico.eli-np.ro/event/262/>

Conference fees

Regular: 580 €

EPS and National Physical Societies members: 530 €

Students: 350 €

Pre-deadline registration fees

Regular: 500 €

EPS and National Physical Societies members: 450 €

Students: 300 €

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The conference will be preceded by a scientific school, the NPA-XII School, in the week of August 31st - September 4th, 2026 . Details about the conference venue, accommodation and other logistic information will be given in the forthcoming circulars and on the constantly updated website: <https://www.eli-np.ro/events/NPA-XII/index.php>

Please forward this announcement to everyone who may be interested in the conference.

We are looking forward to meet you at the
Nuclear Physics in Astrophysics - XII in September 2026!

If you need any assistance please contact us npa12@eli-np.ro