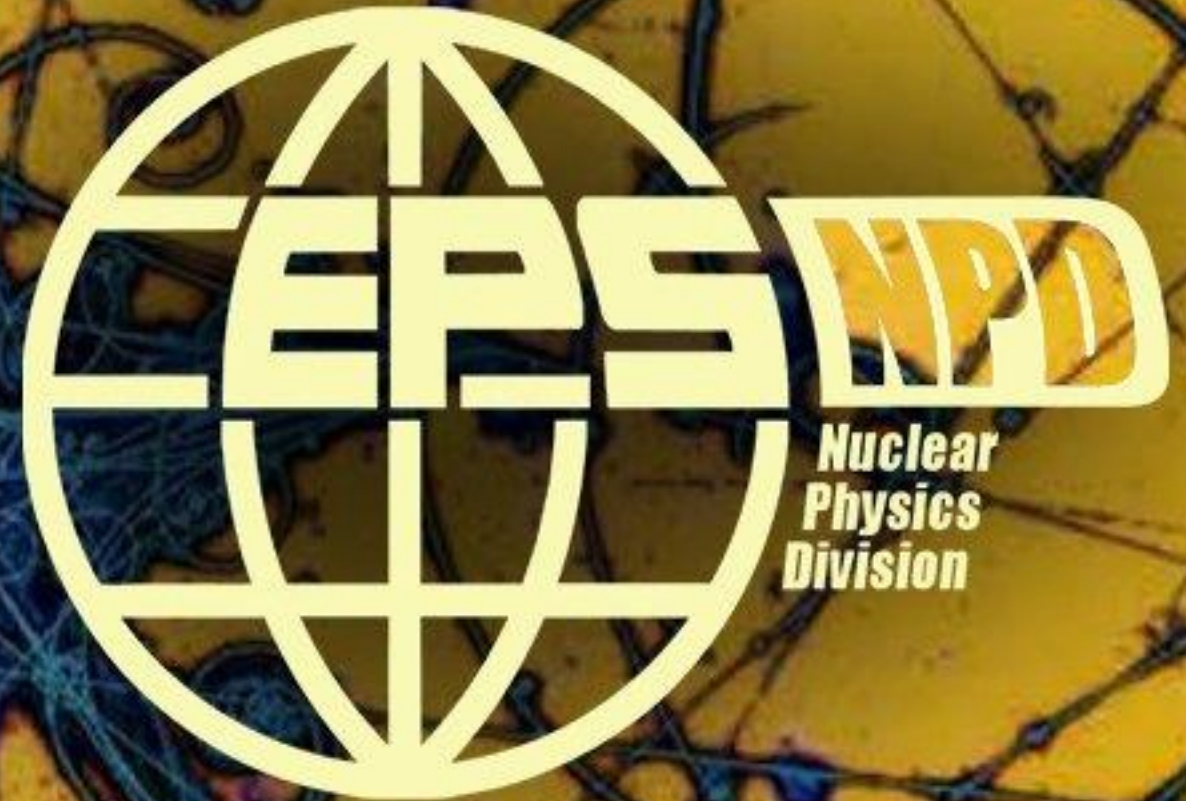


The activities of the EPS Nuclear Physics Division

*Eugenio Scapparone
INFN – Bologna*



Istituto Nazionale di Fisica Nucleare



NuPECC Meeting
RAL, November 8th 2025

Facilitating Physics Research:

Divisions → 12 Scientific Divisions

Atomic, Molecular and Optical Physics Division
Condensed Matter Division *see related sections*
Physics Education Division

Environmental Physics Division
Gravitational Physics Division
High Energy & Particle Physics Division
Nuclear Physics Division

Division of Physics in Life Sciences
Plasma Physics Division *see related sections*
Quantum Electronics & Optics Division

European Solar Physics Division
Statistical & Nonlinear Physics Division

Groups → 6 Interdisciplinary Thematic Groups

Accelerator Group
Computational Physics Group
Energy Group
History of Physics Group
Physics for Development Group
Technology and Innovation Group

Scientific Journals Publications

<https://www.eps.org/page/publications>

EuroPhysics Letter (EPL), European Journal of Physics (EJP), EuroPhysics News (EPN), electronic EPS (e-EPS)...

Conferences & Grants

https://www.eps.org/page/support_grants

Europhysics Conference Grant, EPS Poster Prize, Individual Member Travel Grant, Invited Speaker Grant, EPS Award for pre-University International Physics Competition.....

Prizes & Awards

<https://www.eps.org/news/660772/EPS-Distinctions-and-Awards-Call-for-nominations.htm>

EPS Early Career Prize

EPS Emmy Noether Distinctions (mid & full career)

EPS Achievement Award

EPS Fellows, Gero Thomas Medal, Honorary Members.

Once per year, deadline typically at the end of January

+ Divisions/Groups Prizes

The EPS Nuclear Physics Division (NPD)

<http://www.eps.org/?page=npd>

Goals of the EPS Nuclear Physics Division

- Link with :
- Outreach panels
 - NuPECC
 - e-EPS
 - EPS

Board Activities

⇒ Created in 1973

Some of the activities of the Board of the Nuclear Physics Division:

Organisation of the European Nuclear Physics Conference series (EuNPC).

Organisation of the Nuclear Physics in Astrophysics Conference series (NPA).

Organization of the Applied Nuclear Physics Conference series (ANP)

Awarding three prestigious prizes: the Lise Meitner Prize, the Applied Nuclear Physics Prize (ex IBA-Europhysics Prize) and the EPS Nuclear Physics Division PhD Prize.

Provides input to the EPS on issues related to nuclear physics and relations to other European and international bodies interested in nuclear physics and policy.

Core business activities

Board Composition:

- at maximum 10 elected members (via EPS calls for nominations)
- at maximum 10 co-opted members, nominated by the Board, taking into account the expertise and the geographical & gender distributions ($N_{\text{coopted}} \leq N_{\text{elected}}$)
- 3 observers:
 - EPS-HEPP Division
 - NuPECC
 - ANPhA (Asian Nuclear Physics Association)

⇒ Chair: Alessandra Fantoni (2024-25)

⇒ Araceli Lopez-Martens is the new chair elected for the year 2025, effective chair for 2026-2027 and past chair for 2028.

⇒ Raquel Crespo is the new scientific secretary for the years 2025-2026.

The EPS Nuclear Physics Division (NPD)

https://www.eps.org/members/group_content_view.asp?group=85199&id=508772

Alessandra Fantoni	INFN-LNF, Italy	Chair
Allison Bruce	University of Brighton, UK	
Zsofia Kertesz	HAS Institute for Nuclear Research, Hungary	
Giuseppe Verde	INFN – Catania, Italy	
Elena Gonzalez Ferreiro	University of Santiago de Compostela, Spain	
Constantia Alexandrou	University of Cyprus, Cyprus	
Ann-cecilie Larsen	University of Oslo, Norway	
Zsolt Podolyak	University of Surrey, UK	
Siliva Leoni	University of Milano and INFN, Italy	
Eugenio Scapparone	INFN – Bologna, Italy	
Constantin Mihai	IFIN-HH, Romania	
Timo Sajavaara	University of Jyvaskkala, Finland	
Marek Pfuetzner	University of Warsaw, Poland	
Araceli Lopez Martens	IJCLab, France	Elected Chair
Raquel Crespo	Instituto Superior Tecnico Lisboa, Portugal	
Bryan Mc Kinnon	University of Glasgow, U.K.	
Theodore Mertzimekis	National & Kapodistrian University of Athens. Greece	
György Wolf	HAS – Wigner Research Center of Physics Hungary	NuPECC Observer
Federico Antinori	INFN – Padova, Italy	HEPP Observer
Weiping Liu	China Institute of Atomic Energy (CIAE)	ANPhA Observer

Recent Blog Activity

Report of the NPA-XI 2024 (Dresden, 16-20/09/2024)

Post by Alessandra Fantoni, Saturday 26 October 2024

Blog: News

COMMENTS (0) [Subscribe](#)

Call for 1 NPS elected member

Post by Alessandra Fantoni, Monday 12 August 2024

Blog: News

COMMENTS (0) [Subscribe](#)

2024 Applied Nuclear Physics prize

Post by Alessandra Fantoni, Monday 26 August 2024

Blog: News

COMMENTS (0) [Subscribe](#)

Call for the EPS NPD Lise Meitner Prize 2024

Post by Gina Gunaratnam, Tuesday 16 July 2024

Blog: News

COMMENTS (0) [Subscribe](#)

Visit of the NPD Board to the Oslo Cyclotron for the 87th meeting

Post by Alessandra Fantoni, Tuesday 21 May 2024

Blog: News

COMMENTS (0) [Subscribe](#)

[View All Blogs »](#)

Upcoming Events [Month View]

Deadline for Lise Meitner call
FRIDAY 6 DECEMBER 2024

EuNPC 2025
MONDAY 22 SEPTEMBER 2025

Blog Activity:

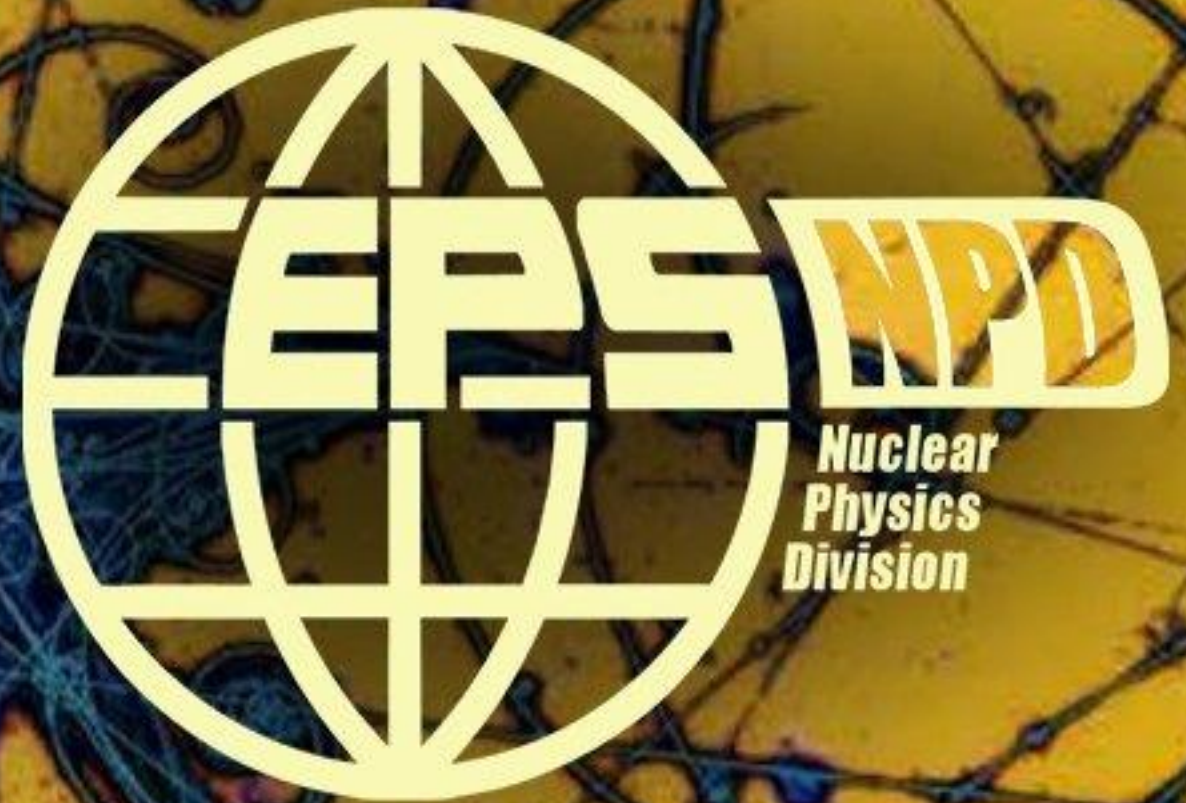
Call for bids for conferences
Call for Prizes & Awards
Call for NPD elected board members
EPS News related to NPD
Highlights from Conferences
Assigned Prizes & Awards

Calendar:

Next events or deadlines related to the NPD Board or of potential interest to the Nuclear Community (i.e. Conferences)

Organisation and Approval of Conferences

The board of the NPD is organising and approving two series of EPS divisional conferences, the European Nuclear Physics Conference and Nuclear Physics in Astrophysics, as well as a number of other conferences. See lists below.



- The main NPD conference
- All NPD members join the IAC and serve as conveners

TOPICS

1. Accelerators and Instrumentation
 2. Nuclear Structure, Spectroscopy and Dynamics
 3. Nuclear Astrophysics
 4. Astroparticle Physics and Synergies with Nucl. Phys.
 5. Heavy Ion Collisions and QCD Phases
 6. Hadron Structure, Spectroscopy and Dynamics
 7. Fundamental Symmetries and Interactions
 8. Nuclear Physics Applications
 9. Few-Body Systems
- Open Science and Data in Nuclear Physics (*Round Table*)
Nuclear Science - People and Society (*Round Table*)

- > 200 participants
- 22 plenary talks
- Proceedings published by EPJ Web of Conference

Previous editions:

- Bochum 2009
- Bucharest 2012
- Groningen 2015
- Bologna 2018
- Santiago de Compostela 2022



European Nuclear Physics Conference 2022 (EuNPC 2022)

24–28 ott 2022
University of Santiago de Compostela
Europa/Madrid fuso orario

Inserisci il termine di ricerca



EuNPC 2025

- <https://indico.in2p3.fr/event/30430/>
- Location: Caen, 22–26/09/2025
- First circular sent
- Important dates defined:
 - Registration open 01/03/2025
 - Call for abstracts: deadline 15th April 2025
 - Notification oral/poster presentation May 2025
 - Early registration deadline 30/06/2025

Next edition in 2027 (to be shifted with INPC)
Call for bids in preparation



TOPICS

1. Accelerators and Instrumentation
2. Nuclear Structure, Spectroscopy and Dynamics
3. Nuclear Astrophysics
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5. Heavy Ion Collisions and QCD Phases
6. Hadron Structure, Spectroscopy and Dynamics
7. Fundamental Symmetries and Interactions
8. Nuclear Physics Applications
9. Few-Body Systems

Open Science and Data in Nuclear Physics (*Round Table*)
Nuclear Science - People and Society (*Round Table*)

The EPS-NPD Conferences: NPA XI 2024



Nuclear Physics in Astrophysics XI

15–20 Sept 2024
TU Dresden, Germany; Trefftz-Bau (TRE/2171)
Europe/Berlin timezone

Overview

News

Scientific scope

Confirmed Invited Speakers

Scientific Advisory Board

Important dates

Abstract Submission

Travel and Directions

Registration and financial support

Accommodation

The Nuclear Physics in Astrophysics XI (NPA-XI) conference brings together scientists working in nuclear astrophysics, including laboratory experiments, theoretical nuclear physics, astronomy, and astrophysics.

NPA-XI 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](#).

NPA-XI will take place from 15 - 20 September 2024 at TU Dresden, Germany. The conference will be preceded by a scientific school, the NPA-XI school, in the week of 8-13 September.

Abstract submission has opened, see link [abstract submission](#) in the left column.



<https://events.hifis.net/event/540/>

Biannual Conference

XI edition

First one in Debrecen in 2002

15-20/09/2024@Dresden

(Germany)

Six NPD Board members into
Scientific Advisory Board

Next edition in 2026, call for bids =>

<https://www.eps.org/blogpost/739426/507969/Call-for-bids-Nuclear-Physics-in-Astrophysics-Conference-2026-NPA-XII-2026>

Report

Participants:

- 191 participants: 126 PhD scientists, 53 graduated (PhD) students, 12 undergraduated; 41% young participants
- 18 EU+ countries, 10 countries in Americas, Asia & Africa
- 1/3 from Germany, others from Italy, USA, UK, France, Hungary, Belgium & Poland
- female participants 28%

Talks:

- No parallel sessions
- 33 invited & 48 contributed talks (female invited talks 36%)
- 80 posters
- 4 poster prizes (200-400€) sponsored by EPJA & NuPECC

Report of the conference on the NPD Blog activity:

<https://www.eps.org/blogpost/739426/505172/Report-of-the-NPA-XI-2024-Dresden-16-20-09-2024>

The EPS-NPD Conferences: ANPC 2024

- Strongly desired and initiated by NPD <https://hnps.eu/ANP2024/>
- First Edition of EPS Applied Nuclear Physics in September 2021 @ Prague
- Second Edition @ Thessaloniki 22-27/09/2024, Aristotele University's Research Dissemination Center (KEDEA)
- Scientific Advisory Board from NPD: A. Fantoni, Z. Kertész, T. Sajavaara (+ I. Bogdanovic Radovic)

Report

Participants:

- About 160 participants, great participation of young researchers

Talks:

- Plenary + 2 parallel sessions divided in 7 topics
- 3 EPS & EPS-NPD invited talk
- 6 invited & 121 contributed talks in 2 parallel sessions
- 32 posters
- 3 poster prizes (tablets) sponsored by Arizona Carbon Foil & EPS

Proceedings:

- Special Volume of ARI (Applied Radiation and Isotopes, 1.6 IF) with peer review – deadline 03/03/2025
- Special Proceedings volume in the HNPS Advances in Nuclear Physics (HNPS ANP) – open access with DOI

Ion Beam Analysis
Neutron Physics and Applications
Medical Physics Applications
Environmental Applications
Data in Nuclear Applications
Detectors
Accelerators, Instrumentation & Nuclear Technology



Next edition in 2027 (together with the ANP prize)
Call of bid => at the beginning of next year

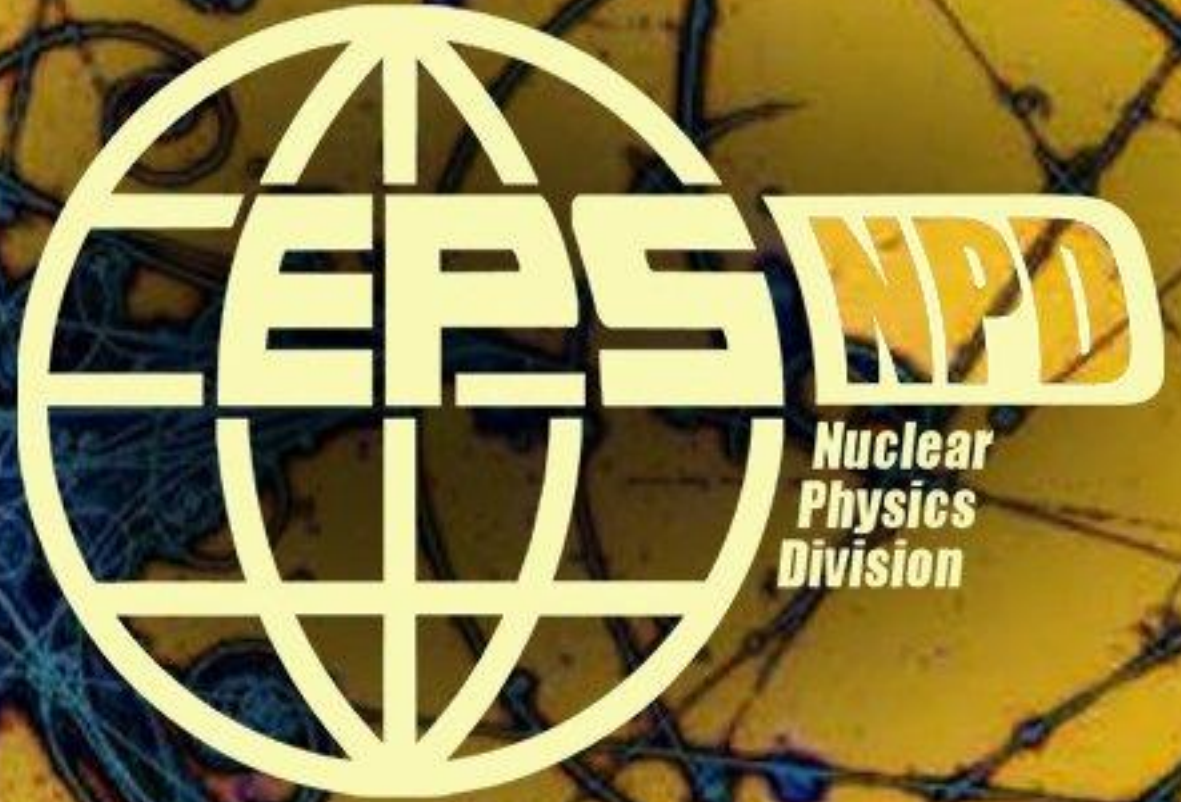
EPS Distinctions and Awards

Call for nominations



EPS Distinctions and Awards

- **The applied Nuclear Physics Prize**
- **Dissertation award in Nuclear Physics**
- **The Lise Meitner Prize**



The Applied Nuclear Physics Prize



For outstanding work in the field of nuclear science and medicine.

Overview

- The Applied Nuclear Physics Prize replaces the former **IBA-Europhysics Prize** since 2024.
- The prize consists of a diploma and 3,000 €
- The Prize will be awarded every three years and timed so that it can be presented at the division-supported Applied Nuclear Physics conference.

Eligibility

- The Prize shall be awarded to one or more researchers.
- The Prize shall be awarded without restrictions of nationality, sex, race or religion.
- Self-nominations for the award shall not be accepted.

Nomination Process

- The board of the EPS Nuclear Physics Division shall request nominations for the Prize from EPS members and members of the board will actively seek nominations from a broad cross-section of the scientific community.
- Nominations should comprise:
 - A short citation (max. 50 words), describing succinctly the achievements of the nominee and the reasons for making this award. The award citation will be based on the words provided.
 - A detailed statement of the nominee's major scientific achievements (max. 2 pages)
 - The nominee's CV (max. 1 page)
 - A maximum of two letters of support from renowned personalities of the field, underscoring the relevance of the scientific work of the nominee.

Key Dates

- The previous award was presented during the Award Session of the Second Applied Nuclear Physics Conference (ANPC2024) of the EPS Nuclear Physics Division, held in Thessaloniki, Greece from September 23- 27, 2024.

ANP 2024 to Alberto Del Guerra and Laura Harkness-Brennan at the ANPC 2024 in Thessaloniki

The Dissertation Award in Nuclear Physics



To recognize the excellency of a recent PhD in Nuclear Physics.

Overview

- The prize winner receives a diploma and support to a maximum value of 1000 € to attend the upcoming EuNPC Conference and present their work.
- The prize is given every 3 years to 3 candidates.

Eligibility

- Nominations are open to those having obtained a PhD degree in experimental, theoretical, or applied nuclear physics, in a member country of the EPS.
- The PhD must have been defended within the three-year period since the previous award.

Nomination Process

- Applications shall be reviewed by a Prize Committee appointed by the NPD board. The Committee shall consider each of the eligible applications and shall make recommendations to the NPD board, taking into account eventual reports of referees who are not members of the Board.
- The Prize shall be awarded without restrictions of nationality, sex, race or religion.
- Call for applications will be published on EPS website.
- Applications should include in one pdf file:
 - Candidate's CV
 - A copy of the PhD diploma indicating the date it was obtained.
 - A short summary (4 pages) of the Thesis, written in English, and an accessible link to an electronic copy of the full Thesis, as well as links to any publication directly related to the candidate's PhD studies.
 - A letter of support (max. 1 pages) from the candidate's thesis advisor.
 - Two additional letters of support (max. 1 page each) from physicists who are familiar with the candidate and the research.

Key Dates

- The previous prize was awarded for years 2018-2021.
- The winners of the PhD Prize were presented with diplomas on the final day of the 5th European Nuclear Physics Conference EuNPC (October 24-28, 2022) where they will give a plenary invited talk on their work.

26 Thesis received; current prize in 2024 for PhD thesis between 1/1/2021 – 31/12/2023, award during EUNPC 2025

The Lise Meitner Prize



For outstanding work in the fields of experimental, theoretical, or applied nuclear science.

Overview

- The Prize consist of a diploma, a medal with the image of Lise Meitner, and cash reward.

Eligibility

- The prize can be given to one or several individuals.
- Such contributions may comprise experimental nuclear physics, theoretical nuclear physics and all areas of application of nuclear science. The board welcomes proposals which represent the breadth and the strength of European nuclear science.
- Only work that has been published in peer-reviewed journals can be considered in the evaluation of nominations.
- The Prize shall be awarded without restrictions of nationality, sex, race, or religion.
- Self-nominations shall not be accepted.

Nomination Process

- Call for nominations will be published on EPS website.
- Nominations should be accompanied by a complete nomination form, a short description of the achievements of the nominee(s), a brief curriculum vitae of the nominee(s), a list of major publications and eventually letters of support from authorities in the field.
- Self-nominations shall not be accepted.
- The final recommendation of the NPD board and a report should be submitted for ratification to the Executive Committee of EPS.

Key Dates

- The Prize is awarded every 2 years.
- The call for nominations for the the 2024 Lise Meitner prize is now closed.
- The winner(s) will present the work and will be awarded during the European Nuclear Physics Conference ([EuNPC 2025](#)), which will be held in Caen (France) from September 22nd to 26th, 2025

Last LM prize in 2022, given to Philip Walker during EuNPC 2022; the next one in a ceremony at EUNPC 2025

Latest Prize Winners

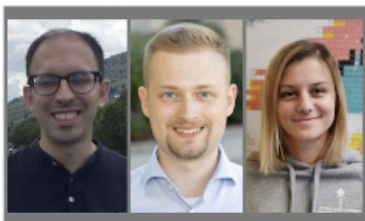
The Nuclear Physics Division recognises outstanding achievements with three prestigious awards. The latest prize winners are shown below.



Philip Walker, winner of the 2022 Lise Meitner Prize



Alberto Del Guerra and Laura Harkness-Brennan, winners of the ANP Prize 2024



Giuliano Giacalone, Jonas Karthein and Ágota Koszorús, winners of the PhD Prize 2021

Latest prize winners announced by the NPD board

2024 EPS-APS Landau-Spitzer Prize: Call for nominations
16/01/2024

EPN is in need of a new Editor in Chief!
14/12/2023

International Young Scientist Research Journal, a publication of AYIMI
16/05/2022

WOMEN IN PHYSICS

Women in Physics and the News
Women scientists don't get authorship they should, new study suggests
15/11/2022

Gender Equality Plans as an eligibility criterion in Horizon Europe
20/06/2022

"LAS FÍSICAS EN CIFRAS: UNIVERSIDADES" : Report of the specialised group of "women in physics" of the Spanish Royal Physics Society

See you in CAEN !



European Nuclear Physics Conference 2025

22–26 Sept 2025
Caen
Europe/Paris timezone

