

The European Physical Society, its governance and activities

Possible contribution & integration



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EPS Chair of the Nuclear Physics Division

EPS Executive Committee



Who am I?

Experimental nuclear physicist (hadronic physics with electromagnetic probes, spin physics, heavy ion collisions)

- JET TARGET @ ADONE (photoabsorption cross section on nuclei in the nucleon resonance region, photofission of heavy nuclei, tagging system, polarimetry)
- HERMES @ DESY (e.m. calorimeter, technical coordinator, run coordinator, deputy spokesperson)
- ALICE @ LHC (EMCAL/DCAL, ITS2, management board, technical board, physics board, collaboration chair)

In EPS since 2020

- *NPD scientific secretary*
- *NPD chair*
- *EPS Executive Committee*
- *EPS Honorary Treasurer*
- *EPS Historic Site Committee*
- *EPS e-EPS Editorial Board member*
- *EPS Central Prizes Committee*
- *EPS SAC representative in EPJ*
- *involved in many groups (DEI statement, salary...)*

The European Physical Society



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



- Federation of European Physicists
- Founded in 1968 in Geneva
- Headquarters in Mulhouse, France

Who:

- 42 Members Societies
- 3500 Individual Members
- Representing more than 130.000 European Physicists
- 40 Associated Members Research Infrastructures, Universities and Companies

The European Physical Society – The Governance



EPS Council on May 16th-17th 2025 in Copenhagen with elections of President Elect and Executive Committee

- The EPS President is elected by Council and chairs the Executive Committee meetings.
- Actual composition: https://www.eps.org/page/about_us_governance
 - President (M. Sakellariadou), President elect (J.M. de Teresa) +
 - other 11 members elected on behalf of their original EPS body:
1 IoP, 1 DPG, 3 Member society, 4 Division/Groups, 1 Individual, 1 Associate Members



President

Mairi Sakellariadou

King's College London, United Kingdom



President-Elect

José Maria De Teresa

INMA, CSIC-Universidad de Zaragoza, Spain

President elect:

José Maria de Teresa:

Past CMD Chair and EPS Fellow



Honorary Treasurer

Alessandra Fantoni

INFN – LNF, Frascati, Italy

Oversees:

Albania, Croatia, Cyprus, Greece, Italy,
Physics Education Division, Division of
Physics in Life Sciences, Accelerators
Group, EPJ / EPJ TI, e-EPS



Honorary Secretary

Katharina Lorenz

*Instituto Superior Technico (IST), Lisbon,
Portugal*

Oversees:

Ukraine, Portugal, Plasma Physics Division,
Condensed Matter Division

AF candidate again as a representative
of D/G's group

⇒ elected for a second mandate

⇒ nominated EPS treasurer from EPS
Executive Committee



	<p>Christian Beck <i>Queen Mary University of London, United Kingdom</i></p> <p>Oversees: Turkey, Israel, Slovenia, EPS Conferences Committee, Statistical and Non-linear Physics Division, Environmental Physics Division, Computational Physics Group</p>		<p>Brian Fulton <i>University of York, United Kingdom</i></p> <p>Oversees: Denmark, Finland, Sweden, Estonia, Latvia, Lithuania, UK and Ireland, Equal Opportunities, Nuclear Physics Division, EPL</p>	<div>NEW</div> <div>NEW</div> <div>NEW</div> <h2>Other components of the Exec. Committee</h2> <p>5 new members, 6 re-elected for a second mandate</p> <h2>Next Council</h2> <p>15-16/05/2026 in Vilnius</p> <h2>Next Elections</h2> <p>In the Council 2027 for ExCom & President</p> <h2>Invitation</h2> <ul style="list-style-type: none">- keep EPS membership with fee- «push» the participation of your national physical society to the Council and to the elections <h2>The Secretary General</h2>
	<p>Kristel Crombé <i>Laboratory for Plasma Physics, Ecole Royale Militaire (ERM/KMS) / Ghent University, Belgium</i></p> <p>Oversees: Belgium, Luxembourg, Netherlands, Joint European Solar Physics Division, Energy Group</p>		<p>Ulrich Husemann <i>Karlsruhe Institute of Technology (KIT), Germany</i></p> <p>Oversees: Iceland, Norway, Hungary, Slovakia, Young Minds, Europhysics News</p>	
	<p>Eugenio Coccia <i>Gran Sasso Science Institute, L'Aquila, Italy</i></p> <p>Oversees: Bulgaria, Romania, Spain, Gravitational Physics Division, History of Physics</p>		<p>Gabriel Chardin <i>APC (Astroparticle and Cosmology laboratory, CNRS and Université Paris-Cité), France</i></p> <p>Oversees: France, Forum Physics and Society, Quantum Electronics and Optics Division, Energy Group</p>	
	<p>Anna Di Ciaccio <i>University of Roma Tor Vergata, Roma, Italy</i></p> <p>Oversees: Republic of Macedonia (North), Montenegro, Serbia, High Energy and Particle Physics Division, Physics for Development Group</p>		<p>Karin Zach <i>Deutsche Physikalische Gesellschaft</i></p> <p>Oversees: Germany, Czech Republic, Poland, CEI</p>	
	<p>Sascha Schmeling <i>CERN, Geneva, Switzerland</i></p> <p>Oversees: Liechtenstein, Switzerland, Austria, Armenia, Georgia, Moldova, Atomic Molecular and Optical Physics Division, Technology and Innovation Group</p>			
		<p>Anne Pawsey <i>The Secretary General is a member of the Executive Committee and most Committees by virtue of her office.</i></p>		

Executive Committee meetings



Regular online meetings every 2-3 months

Meetings in 2025 - 2026

15/05 Executive Committee in Copenhagen

16-17/05 Council meeting in Copenhagen with election of new President elect and new Executive Committee team

03/06 Executive Committee online

02/06 Executive Committee online

21/08 Executive Committee online

13/10 Executive Committee online

13/11 Executive Committee in Mulhouse, the EPS headquarters

14/01 Executive Committee online


18/02 Executive Committee online

25/03 Executive Committee online


14-16/05 Executive Committee + Council in Vilnius

“... contribute to and promote the advancement of physics, in Europe and in neighbouring countries, by all suitable means and in particular by providing a forum for the discussion of subjects of common interest and by providing means whereby action can be taken on those matters which appear desirable to handle on the international level.”

12 EPS Scientific Divisions:

- Atomic, Molecular and Optical Physics
- Condensed Matter
- Physics Education
- Environmental Physics
- Gravitational Physics
- High Energy & Particle Physics
- Nuclear Physics 
- Physics in Life Sciences
- Plasma Physics
- Quantum Electronics & Optics
- European Solar Physics
- Statistical & Nonlinear Physics

6 EPS Interdisciplinary Thematic Groups:

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

<https://eps.org/who-we-are/>

Relation between Executive Committee and National Physical Societies and Division/Groups

Every Executive Committee member is the contact for:

- few National Physical Societies
- few Divisions/Groups

Goal => keep NPSs and DGs informed about EPS Executive Committee activities

Need of more interaction between different Divisions and Group, at least for those with common points



Try to organise some common event and/or invite people from different D/G at conferences

AF responsible for:

- Albania
- Croatia
- Cyprus
- Greece
- Italy
- Physics Education Division (PED)
- Physics in Life Science Division (PLSD)
- Accelerator Group (AG)

i.e. EuNPC 2025 (September 2025):
Round Table «Nuclear Physics & Society»
PED chair invited

AG => think on possible interaction
with other D/Gs
Common points with HEPP, NPD



AG-NPD => EuNPC 2027 in Catania
Accelerator topic always present
Possibility of some common points

The European Physical Society: what we do



- Promote Physics
- Facilitate scientific exchange:
 - Conferences



Recognised Conferences:

Approval Process

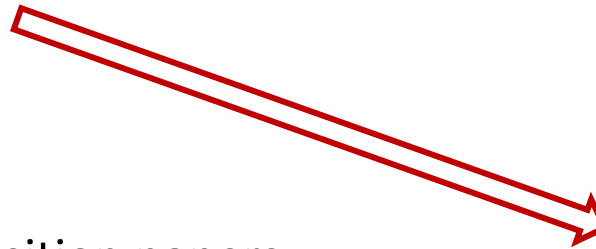
<https://eps.org/recognised-conferences/>

Applications should be submitted at least 6 months prior to the event.

- Review the [EPS Recognised Conference guidelines](#).
- [Submit your event information](#).
- Receive approval e-mail from the EPS Conference Committee to be labelled as an official "EPS Recognised Conference".
- Apply for [Grants](#).
- Ensure the [EPS logo](#) is included on all conference materials.
- [Submit a conference report](#) after the event has taken place.

EPS is offering packages for organising conference, feel free to contact conferences@eps.org

- Publications
- Policy:
 - Statements and position papers
 - Cooperation with other Learned societies i.e. Initiative for Science in Europe (ISE)
- EPS Young Minds



<https://iopscience.iop.org/journal/0295-5075>. <https://www.europhysicsnews.org/>

Statements and position papers -1



EPS Diversity statement

(March 2025)

<https://eps.org/eps-diversity-statement/>

Statement by the Executive Committee of the European Physical Society 24th March 2025

The European Physical Society (EPS) has the mission to advocate and promote physics research and its contributions to the economic, technological, social and cultural advancement in Europe. As a federation of more than 40 National Physical Societies, the EPS engages in activities that strengthen ties among the physicists in Europe, in physics research, science policy and education. The EPS designs and implements programmes to develop the European physics community. It provides a forum to share best practices to promote physics, and thus support international collaboration and physicists worldwide.

Fostering diversity and inclusion in the physics community is a core component of the European Physical Society's mission. We thus firmly believe that diversity in perspectives, backgrounds, and experiences is essential for driving innovation, creativity, and excellence in physics and all related issues.

Our constitution emphasizes the importance of providing equal opportunities for all individuals, regardless of gender, race, ethnicity, age, disability, or socioeconomic background.

By encouraging a diverse and inclusive environment, we can help to ensure that the brightest minds from all walks of life are given the opportunity to contribute to the advancement of science. We are committed to creating a supportive and respectful atmosphere where everyone feels valued and encouraged to reach their full potential. This commitment extends to our policies, programmes, and practices designed to promote equity, eliminate barriers, and support the professional growth of underrepresented groups.

Because the EPS represents the whole European physics community, we stand united in our resolve to cultivate a culture of respect, collaboration, and mutual support. Diversity strengthens our society and we remain dedicated to building a more inclusive and equitable future for all members of the EPS and the wider scientific community.



EPS & National Physical Societies
released in April 2025

“Europe and the future of quantum science”

<https://eps.org/Europe-and-the-Future-of-Quantum-Science/>

Statements and position papers -2

EPS Mission statement

(October 2025)

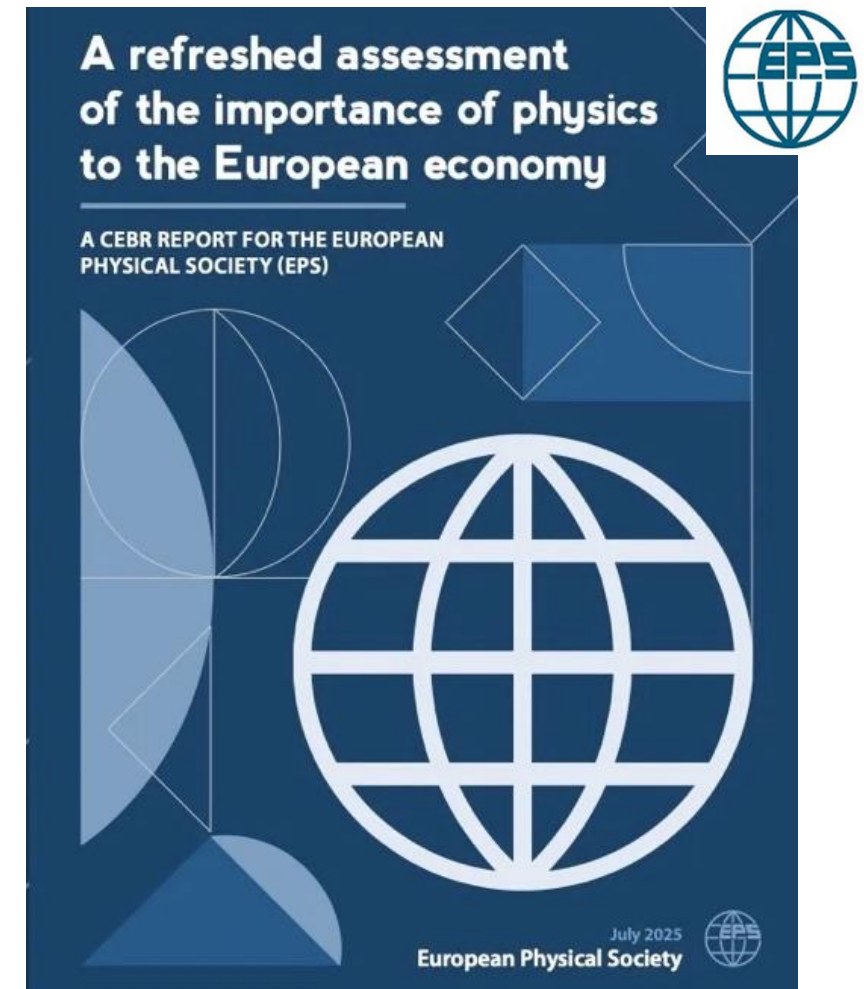
<https://eps.org/who-we-are/>

Questionnaire circulated in September => enable our constituent communities, the national societies, the divisions and groups, and the individual members, to say how the EPS could change to best support their activities

"The object of the Society is and shall be to contribute to and promote the advancement of physics, in Europe and in neighbouring countries, by all suitable means and in particular by providing a forum for the discussion of subjects of common interest and by providing means whereby action can be taken on those matters which appear desirable to handle on the international level."

The European Physical Society...

- ✓ Advocates physics research and its contribution to the economic, technological, social and cultural advancement in Europe.
- ✓ Represents the European physics community, providing independent input into science policy issues in Europe.
- ✓ Supports the role of physicists to actively engage in the design and implementation of European science policies.
- ✓ Designs and implements programmes to develop the European physics community and physics research.
- ✓ Provides a forum for EPS Members to discuss common issues and share best practice.
- ✓ Engages in activities to reduce European fragmentation in physics research, funding and education.
- ✓ Cooperates with international physical societies to promote physics, to support physicists worldwide and to foster international collaboration.



«The Importance of Physics for the Economies of Europe» (CEBR report)

Brussels, November 4th 2025

<https://eps.org/physics-is-driving-europes-economy/>

Statements and position papers -3



EPS Energy position paper (November 2025)

- circulated within the national physical societies for the final endorsement
- few comments received, some taken into account
- approved by the Executive Committee on November 13th
- to be distributed on the web pages and news soon
- Energy Conference at Brussels in preparation for mid April

EPS Education position paper

- collaboration with Prof. Andreas Mueller in Switzerland
- first draft produced in October, next one at the end of November, goal to have it end of final draft in February for discussion

EPS Young Minds



The Young Minds network:

6 sections in more than 30 countries, distributed all over Europe and the neighbouring Mediterranean countries.

Each section has a dedicated contact person within the Young Minds Action Committee

EPS YM meeting at next Council 2026

EPS Participation in European projects

2 EU projects which the EPS might participate in:

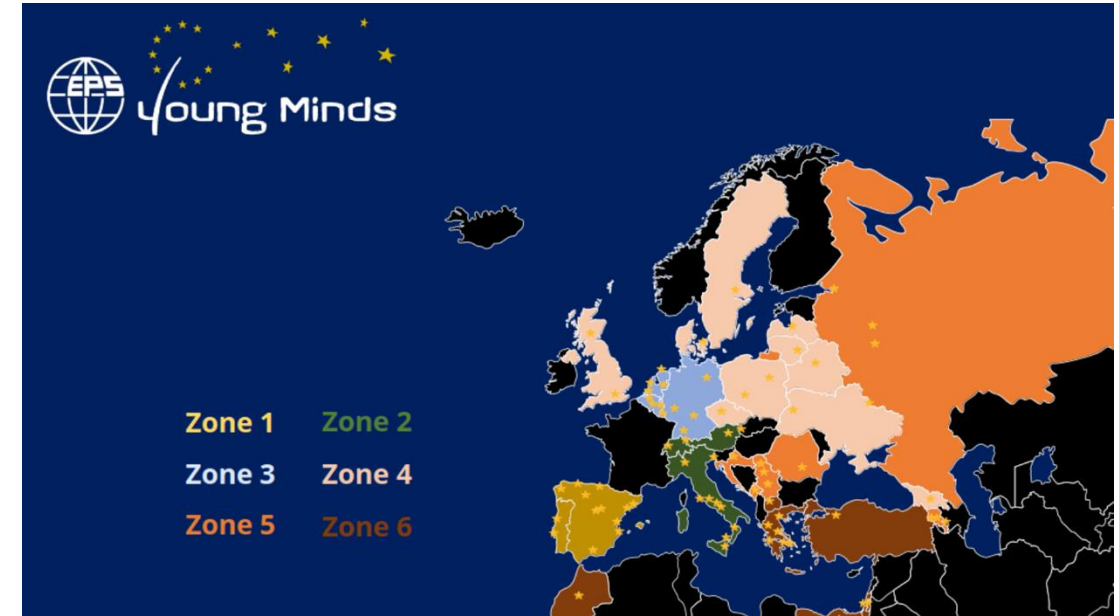
- activities for European Researchers' Night

The grant would be used to support the Young Mind's network and section in delivering outreach activities => application done, output on February 2026

- Marie Curie Initial Training Network (ITN)

The proposal is to create a Young Minds section within a research network.

The network itself is at a very early stage. The SG will explore further



<https://www.epsyoungminds.org/>



Try to involve young people
in AG with EPS YM

The EPS central distinctions and prizes



- Emmy Noether Distinctions (mid & full career) => to highlight noteworthy women physicists
- Early Career Prize => to recognize achievements in theoretical or experimental physics

+ EPS Achievement Award, EPS Fellows, Gero Thomas Medal, Honorary Members

Once per year: call opened in November, deadline on January 31st 2026

<https://eps.org/what-we-do/distinctions/> ; <https://eps.org/eps-central-prizes-2025/>

New Alessandro Volta prize => to promote excellent research and achievement in physics
Joint award with Acinque S.p.A. deadline on October 30th 2025

- given to individuals or groups of up to three people
- joint award with Acinque S.p.A. and the EPS
- it includes a diploma, a medal, and 10k€

*Feel free to contact me for any
questions/doubts for the EPS calls*

Event complemented by an international symposium highlighting the laureates' research,
supported by Acinque with the award ceremony in Como

<https://eps.org/what-we-do/distinctions/alessandro-volta-prize/>

+ Divisions/Groups Prizes

News from EPS Historical Sites -1



- Launched in 2011, dedicated to the physics community at large but also to a wider audience; idea of «cultural unity»
- The EPS Historic Sites Award commemorates places in Europe – or even outside geographical Europe – important for the development and the history of Physics
- Sites with national or European/international significance to physics and its history can be considered for the Historic Site distinction from the EPS => places (laboratories, buildings, institutions, universities, towns etc...) associated with an event, discovery, research or body of work, by one or more individuals, that made long lasting contributions to physics
- Nominations are open throughout the year from the EPS website and reviewed 2- 3 times/year by the EPS Historic Sites Committee



79 EPS Historic Sites
inaugurated in 26 Countries

<https://eps.org/what-we-do/distinctions/eps-historic-sites/>

Over 110 proposals received from 26 different countries since the establishment of the EPS HS distinction (2011)

- Spontaneous
- Channelled through national Physical Societies and/or D/Gs

News from EPS Historical Sites -2



Approvals in 2025:

- Galileian Academy of Sciences, Letters and Arts in Padua => celebration on 18/01/2025
- Gottingen, where the foundations of quantum mechanics were laid by Werner Heisenberg, Pascual Jordan and Max Born => celebration on 01/04/2025
- Villa Mondragone, where Guglielmo Marconi laid the foundations with his experiments on ultra-short waves => celebration on 09/06/2025
- Heinrich Hertz Lecture Hall at KIT, Karlsruhe for the series of ingenious experiments carried out at this site in 1886 by Heinrich Hertz in 1886 => celebration on 30/10/2025 (see November e-EPSnews)
- Clermont-Ferrand mountain for the Blaise Pascal experiment (the double experiment that definitively established the reality of atmospheric pressure) => Inauguration postponed from summer 2025 to spring 2026
- Physics Department – Sapienza University Rome for Conversi, Pancini, Piccioni, Fermi, Touschek, Cabibbo, Maiani, Parisi => just approved, inauguration to be decided
- Real Observatorio Astronomico de Madrid

Under discussion and/or proposals

- Institut de Physiologie-Lycée Jacqmain” in the EU Quarter in Brussels for the birthplace of modern quantum mechanics, under discussion
- Joint EPS-APS nomination Erlangen-Bryn Mawr for Emmy Noether, investigation still ongoing

Feel free to think on possible submission



Brochure with all EPS HS until 2018
<https://epn.eps.org/eps-historic-sites/#1>

News from EPS Historical Sites -3



Villa Mondragone EPS Historic Site

- celebration on 09/06/2025
- half-day meeting
- 80 participants

<https://agenda.infn.it/event/46630/overview>



European Physical Society (EPS) Historic Site



VILLA MONDRAGONE
WHERE THE FIRST MODERN TELEPHONE TECHNOLOGY WAS PIONEERED

Villa Mondragone, built-in 1574 as the summer residence of the papal court, has a strong link with the history of scientific knowledge. The Villa witnessed major events, like the signing in 1582 of the bull 'Inter Gravissimas' by Pope Gregory XIII, which gave rise to the Gregorian calendar, or the performance of Galileo Galilei's experiment in 1611, whereby he demonstrated the extraordinary power of his new telescope pointing it at the Villa from Rome's Janiculum Hill.

Here, in 1932, Guglielmo Marconi laid the foundations for the development of modern communications. Villa Mondragone was chosen as the site for experiments of new transmission techniques with ultra-short waves. That year, Pope Pius XI decided to replace the old telegraph line on poles between the Vatican City in Rome and the Apostolic Palace in Castel Gandolfo to establish more secure telephone communications between the two sites. Marconi set up a small transmitter in the Vatican and a receiver in Villa Mondragone. The results of his tests were entirely positive: signals were received at Villa Mondragone with great intensity, only slightly weaker at the nearby Castel Gandolfo, where the receiver was then moved. In 1933, the world's first fixed microwave telephone bridge was inaugurated in the Vatican. It was the start of modern telephone technology.

SITO STORICO DELLA SOCIETÀ EUROPEA DI FISICA – EPS
VILLA MONDRAGONE: DOVE GUGLIELMO MARCONI POSE LE BASI PER LO SVILUPPO DELLE MODERNE TELECOMUNICAZIONI



From left to right: EPS President Mairi Sakellariadou; Rector of Rome Tor Vergata University Prof. Nathan Leviaidi Ghiron; Historic Site committee member Alessandra Fantoni; Tor Vergata professor applying for the EPS HS Anna Di Ciaccio; Founder of the EPS HS and former EPS President Luisa Cifarelli

REMINDER

- To push participation to the Council
- Fee membership
- Participation in EPS YM
- To advertise EPS
- Participation to EPS central prizes
- EPS recognised conference logo and support for poster and/or grant
- EPS support for conference organization
- Think on possible Historic Site
- Common discussion points with D/Gs with similar interests
- Looking forward to collaborate with you



Feel free to contact me
alessandra.fantoni@lnf.infn.it

The EPS Nuclear Physics Division (NPD)



The object of the Division shall be to assist the advancement and dissemination of knowledge in nuclear physics.

We define nuclear physics as the study of nuclei, their structure, disintegration, interactions and other properties, including the constituent parts of the nucleus and their interactions with one another and with nuclei and with the atomic environment.



<https://eps.org/who-we-are/members/divisions-and-groups/nuclear-physics-division/>

[NPD website >](#)

[NPD bylaws >](#)

[NPD statutes >](#)

Division activities include:

- Organisation and approval of conferences and summer schools in this field of study and also furthering the exchange of scientists and students.
- Recognition of outstanding achievements by giving a number of prestigious prizes and awards.
- Publication of topical papers.
- Furthering the exchange of scientists and students.

Board Members

Prizes

Event Archives

Documents & Links

Link with :

- PANS & Outreach
- NuPECC
- e-EPS
- EPS
- social

2025

Present chair: Alessandra Fantoni

Chair elect: Araceli Lopez-Martens

Scientific secretary: Raquel Crespp

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)

The EPS-NPD Conferences



- **European Nuclear Physics Conference EuNPC**

The major conference of the Nuclear Physics Division

Every 3 years since 2009

NPD board members as IAC & Session Conveners

Next one in 2027 to be again shifted from INPC

Location to be decided this week during NPD board meeting



European Nuclear Physics Conference 2025


<https://indico.in2p3.fr/event/30430/>

- **Nuclear Physics in Astrophysics NPA**

Every 2 years since 2002, last one in Dresden in 09/2024

NPA-XII 2026 will be held in Romania on 7-11/09/2026

Some members of the NPD board inside the SAB

**Nuclear Physics in Astrophysics XI**

15–20 Sept 2024
TU Dresden, Germany; Barkhausen-Bau, Schönhof-Hörsaal (BAR/SCHÖ/E)

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

- **Applied Nuclear Physics ANP**

Every 3 years since 2021, last one in Thessaloniki in 09/2024

Call of bid for ANPC 2027 made on mid October

Some members of the NPD board inside the SC



<https://hnps.eu/ANP2024/>

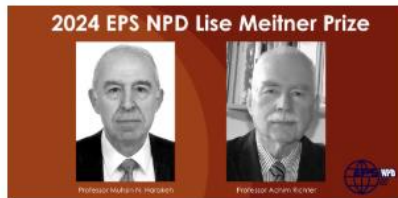
The EPS Nuclear Physics Division prizes



Latest Prize Winners

https://members.eps.org/members/member_engagement/groups.aspx?id=85199

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



Muhsin N. Harakeh and Achim Richter are winners of the 2024 Lise Meitner Prize

Next Lise Meitner 2026 prize
call on spring 2026 and award at next EuNPC 2027



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

Next Applied Nuclear Physics 2027 prize
call on spring 2026 and award at next ANPC 2027



Chloé Fougères, Sandro Kraemer and Francesco Marino are winners of the 2021-2023 PhD Prize

Next PhD best thesis 2024-2025-2026 prize
call at the end 2026 and award at next EuNPC 2027

Awards during EuNPC 2025:

- Ceremony on Thursday during the social dinner
- Talks on Friday morning