

The European Physical Society and its Nuclear Physics Division



Alessandra Fantoni INFN - LNF

EPS Chair of the Nuclear Physics Division

EPS Executive Committee



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



Christian Beck

Queen Mary University of London, United Kingdom

Oversees:

Turkey, Israel, Slovenia, EPS Conferences Committee, Statistical and Non-linear Physics Division, Environmental Physics Division, Computational Physics Group



Brian Fulton

University of York, United Kingdom

Oversees:

Denmark, Finland, Sweden, Estonia, Latvia, Lithuania, UK and Ireland, Equal Opportunities, Nuclear Physics Division, EPL



Kristel Crombé

Laboratory for Plasma Physics, Ecole Royale Militaire (ERM/KMS) / Ghent University, Belgium

Oversees:

Belgium, Luxembourg, Netherlands, Joint European Solar Physics Division, Energy Group



Ulrich Husemann

Karlsruhe Institute of Technology (KIT), Germany

Oversees:

Iceland, Norway, Hungary, Slovakia, Young Minds, Europhysics News



Eugenio Coccia

Gran Sasso Science Institute, L'Aquila, Italy

Oversees:

Bulgaria, Romania, Spain, Gravitational Physics Division, History of Physics



Gabriel Chardin

APC (Astroparticle and Cosmology laboratory, CNRS and Université Paris-Cité), France

Oversees:

France, Forum Physics and Society, Quantum Electronics and Optics Division, Energy Group



Anna Di Ciaccio

University of Roma Tor Vergata, Roma, Italy

Oversees:

Republic of Macedonia (North), Montenegro, Serbia, High Energy and Particle Physics Division, Physics for Development Group



Karin Zach

Deutsche Physikalische Gesellschaft

Oversees:

Germany, Czech Republic, Poland, CEI



Sascha Schmeling

CERN, Geneva, Switzerland

Oversees:

Liechtenstein, Switzerland, Austria, Armenia, Georgia, Moldova, Atomic Molecular and Optical Physics Division, Technology and Innovation Group



Other components of the Exec. Committee

5 new members, 6 re-elected for a second mandate

Next Council

In spring 2026, dates and location to be defined soon

Next Elections

In the Council 2027

Invitation

«push» the participation of your national physical society to the Council and to the elections

The Secretary General



Anne Pawsey

The Secretary General is a member of the Executive Committee and most Committees by virtue of her office.

EPS Mission

“... 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/>

The European Physical Society: what we do



- Promote Physics
- Facilitate scientific exchange:
 - Conferences
 - Publications



- EPS & National Physical Societies released in 2025 “Europe and the future of quantum science”
<https://eps.org/Europe-and-the-Future-of-Quantum-Science/>
- EPS Diversity statement (April 2025)
<https://www.eps.org/wp-content/uploads/2025/01/The-Educational-Challenge.pdf>

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

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

- EPS Young Minds:



The Young Minds network:
sections in more than 30 countries,
distributed all over Europe and the
neighbouring Mediterranean countries
<https://www.epsyoungminds.org/>

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, deadline typically at the end of January

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

New Alessandro Volta prize => to promote excellent research and achievement in physics

Joint award with Acinque S.p.A.

Still possible to apply, deadline 30/09/2025



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

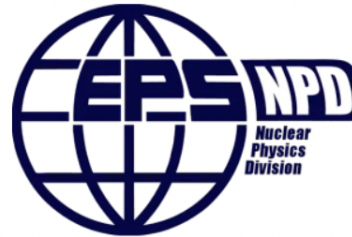
+ Divisions/Groups Prizes

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/>

2025

Present chair: Alessandra Fantoni

Chair elect: Araceli Lopez-Martens

Scientific secretary: Raquel Crespp

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

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, Schönfeld-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 to be circulated at the end of the week

Some members of the NPD board inside the SC

ANP2024

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

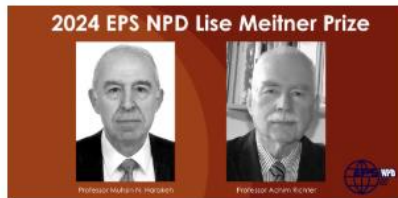
The EPS Nuclear Physics Division prizes



Latest Prize Winners

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

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



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

Welcome from the EPS
and from its NPD
Enjoy EuNPC 2025