

The European Physical Society and its Nuclear Physics Division



Alessandra Fantoni INFN - LNF
EPS Chair of the Nuclear Physics Division
EPS Executive Committee



Sesto Incontro Nazionale di Fisica Nucleare INFN 2024

INFN
Istituto Nazionale di Fisica Nucleare

*Nuove frontiere
della fisica nucleare
fondamentale e applicata*

10 anni di
TIFPA

INFN2024
**6° INCONTRO NAZIONALE DI
FISICA NUCLEARE**

26 | 28 Febbraio 2024
TRENTO

The European Physical Society



Where:

- Headquarters in Mulhouse, France
- Office in Brussels, Belgium

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

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

- The EPS Council is held annually and reviews the activities of the Society, approves the annual accounts and discusses priorities for the future.
- Representation of 42 Member Societies and of all Divisions/Groups.
- Individual Members and Associate Members are represented by 5 elected delegates each.

EPS Executive Committee

- The Executive Committee (ExComm) is elected by Council for a two-year term. Members serve for a maximum of two terms.
- The Executive Committee meets four times a year and establishes priorities, reviews and develops budgets and pilots EPS activities.
- The EPS President is elected by Council and chairs the Executive Committee meetings.
- Composition:
 - President elect M. Sakellariadou), President in charge (L. Bergé) +
 - 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

<https://www.eps.org/search/newsearch.asp?y=84911>



Mairi Sakellariadou is EPS President-Elect!

Find out more about Mairi Sakellariadou interviewed at King's College London.

Professor Sakellariadou was former co-editor of the EPL journal and is currently chair of the EPS Gravitational Physics Division.

The European Physical Society – The Governance

EuroPhysics News EPN 54/4, 19 September 2023

<https://epn.eps.org/epn-54-4/#4>



The image shows a grid of 10 portraits of the EPS Executive Committee members. The portraits are arranged in two rows of five. The names below each portrait are: Karin Zach, Anna Lipniacka, Andreas Schopper, Katharina Lorenz, Christian Beck, Alessandra Fantoni, Stuart Palmer, Anna Di Ciaccio, Eugenio Coccia, Ian Bearden, and Roberta Caruso. Three portraits are circled in red: Alessandra Fantoni, Anna Di Ciaccio, and Eugenio Coccia. The EPS logo is in the top right corner of the grid.

Italian components of the **Executive Committee** elected during the EPS Council on May 2023:

- Eugenio Coccia as representative of Physical Society (SIF)
- Anna Di Ciaccio as representative of Associate Member (INFN)
- AF as 1 of the 4 Divisions/Groups representatives



[EPS EDITORIAL]

A tribute to the members of the EPS Executive Committee

In the issue 53/3 of EuroPhysics News I announced the establishment of a working group, approved by Council in January 2022, in charge of reviewing the statutes and by-laws of the European Physical Society (EPS). This working group, consisting of EPS, DPG and IoP representatives, met several times over the past 18 months - mainly online - in order to identify the points in the EPS constitution that deserved adaptations. Its missions were to propose recommendations for modernizing the structures of our Society. This necessary evolution referred to the EPS 2.0 and all the proposed resolutions were discussed and sorted out by the Council delegates during a special session of the 2023 Council meeting held on 26-27 May 2023 in Porto, Portugal. The final text of these resolutions will be called upon to be voted on at an Extraordinary Council meeting which will take place in November 2023.

If this editorial is not intended to dwell upon the 25 articles of our Constitution and the 33 rules defining its by-laws, allow me to recall here - and warmly thank - the fundamental structure of governance of our Society: The Executive Committee.

Defined by Article 17 of our Constitution, the Executive Committee is made up of a President, a President-elect, a past President and 10 other members elected on the behalf of their original EPS body (Member Society, Division or Group, Individual or Associate Member). Article 18 then stipulates the competences of the Executive Committee who governs and represents the EPS. It is empowered to administer the assets of the Society, summon the meetings of the Council, organise consultations as necessary, appoint committees entrusted with special tasks, sponsor and supervise Divisions and Groups, carry out decisions of the Council, and appoint the Secretary General and EPS representatives (when needed). The prerogatives of the Executive Committee are important and the advice of its members is invaluable for the President in the conduct of the affairs of a learned society being as extensive in constituent bodies and influential as the EPS.

This is why I would like to give a sincere tribute to its members who have accompanied me during my first years of responsibility as EPS President: Mairi Sakellariadou, founder of the Gravitational Physics Division, actively contributed to the EPS Grand Challenges

in the Horizon 2050 project and will be called to succeed me at the end of March 2024 - Congratulations Mairi! Ian Bearden, President of the Danish Physical Society and member of the Physics Education Division, has been an efficient honorary secretary of our Society. Stuart Palmer, Chair of Council of Brunel University London and honorary treasurer, has always followed the evolution of our budget and provided commendable advice for the financial balance of our Society. Andreas Schopper, past President of the Swiss Physical Society, and Roberta Caruso, ex-Chair of Young Minds, were driving forces in numerous initiatives for early career physicists. I do not forget the 'ExComm' members who stepped down from their positions in 2023: Petra Rudolf, past EPS President, Ursel Fantz, Gertrud Zwicknagl - now Chair of the European Integration Committee - Eugenio Nappi, Teresa Peña, Kees van der Beek, past Chair of the Equal Opportunities Committee, and Eliezer Rabinovici, President of CERN Council, who were so active in the working groups dedicated to our cooperation with industrial partners, to social projects or to the preparation of the 2022 EPS Forum. Thank you for serving so faithfully and so efficiently the EPS!

Since May 2023 a new Executive Committee has been elected by the delegates of the EPS Council and welcomes new volunteers: Katharina Lorenz, former directive board member of the Portuguese Physical Society, Eugenio Coccia, Vice-President of the Italian Physical Society, Karin Zachs, executive board member of the German Physical Society responsible for international activities, Christian Beck, past Chairman of the EPS Statistical and Nonlinear Physics Division, Alessandra Fantoni, member of the Nuclear Physics Division, Anna Lipniacka, past member of the High Energy and Particle Physics Division, and Anna Di Ciaccio, member of the INFN (Associate Member) board of directors, have all expressed their will to contribute to the main goal of EPS, that is, the advancement of physics in all issues related to research, science policy, education, public outreach and societal evolutions in Europe and beyond.

Thanks in advance for your commitment and welcome to the EPS 'ExComm'!

Luc Bergé,
EPS President

Luc Bergé:
EPS President 2021-2023

The European Physical Society



COMMUNITY SEARCH
Enter search criteria...

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- EVENTS
- SUPPORT
- EDUCATION
- PUBLICATIONS
- POLICY
- RESOURCES


Welcome to the EPS website. Created in 1968 the EPS is a not for profit association of physicists for physics.




Join us in Berlin!

THE EPS FORUM MARCH 25-27 - 2024
HENRY FORD BUILDING, FREE UNIVERSITÄT, BERLIN

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Nothing

NEWS

NEWS NEWS NEWS

Nuclear fusion: European joint experiment achieves energy record
19/02/2024

Greelings from the island of enhanced stability: The quest for the limit of the periodic table
15/02/2024

CERN Celebrates 70 Years of Scientific Discovery and Innovation
25/01/2024

The CMS collaboration at CERN presents its latest search for new exotic particles
14/11/2023

Successful experiment with FAIR detector in Japan – First measurement of nucleus oxygen-28
17/10/2023

EPS Divisions and Groups prize calls
06/02/2024

EPS Distinctions and Awards: Call for nominations
19/12/2023

EVENTS



The 2nd EPS Forum 2024
25/03/2024

SupraBio 2024
15/04/2024

12th Physics Teaching in Engineering Education Conference
15/05/2024

EGAS 55
16/06/2024

The 23rd International Conference On Ultrafast Phenomena
14/07/2024

ACTIVITIES



Empowering Citizens through Scientific Engagement: The EPS Citizen Science Competition 2024
19/02/2024

EPS Forum 2024
19/02/2024

Report on the 15th EINN conference
25/02/2024

Latest news from EDP Sciences
12/02/2024

EPS Forum 2024: Discover the programme and its prestigious speakers!
09/02/2024

THE EPS FORUM MARCH 25-27 - 2024
HENRY FORD BUILDING, FREE UNIVERSITÄT, BERLIN

You can still register.
Join us in Berlin!

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

News:

News from Collaborations, Celebrations, EPS Divisions/Group prizes, EPS Distinctions & Awards

Events:

EPS Forum, Various Conferences...

Activities:

Science Competition, Report from Conferences...

Social Networks:

Facebook, X...

Publications:

Issue of e-EPS, Various Calls....

The European Physical Society

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 European Physical Society

Addressing Societal Challenges:

Forum Physics & Society

Equal Opportunities

EPS Historic Sites

Physics Education

European Integration

Physics for Development

Physics and the Economy

Supporting the Young Generation

The European Physical Society

Addressing Societal Challenges:

Forum Physics & Society



Equal Opportunities

EPS Historic Sites

Physics Education

European Integration

Physics for Development

Physics and the Economy

Supporting the Young Generation

Day 1: Physics meets Industry => discussion of exciting research challenges and career opportunities in industry


Day 2: Fundamental Physics => look at the scientific and societal challenges facing the physics community



The EPS Forum is a three-day international meeting of interest for all European researchers, PhD students and Post Docs who wish to be introduced to exciting research opportunities in large companies and start-ups, and encourage a dialogue with representatives of the industry sector.

Round tables will be dedicated to societal issues.

- Cooperation with industrial sectors and technical universities
- Forum with Member Societies and Divisions/Groups
- Enhance Physics for development and cooperation with Eastern & Central countries in Europe
- First Forum in 2022 in Paris with 487 registered participants, 184 students, 30 countries
- Second Forum in 2024 in Berlin March 25th-27th

- Atomic molecular and optical physics for quantum technologies
- Applications of nuclear and particle physics to Society 
- Condensed matter and applications to industry
- Physical models for energy management, pollution and climate; neuromorphic computing
- Photonics

The European Physical Society

Addressing Societal Challenges:

Forum Physics & Society



Equal Opportunities

EPS Historic Sites

Physics Education

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Round tables will be dedicated to societal issues.

*Stefan Hell: 2014 Chemistry Nobel Prize
Anne L'Huillier: 2023 Physics Nobel Prize
Klaus von Klitzing: 1985 Physics Nobel Prize
Nicola Spaldin: ERC Scientific Council member &
2017 L'Oréal-UNESCO Award for Women in Science*

**Registration
until
March 3rd
! Last chance !**

- Cooperation with industrial sectors and technical universities
- Forum with Member Societies and Divisions/Groups
- Enhance Physics for development and cooperation with Eastern & Central countries in Europe
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www.epsforum.org

The European Physical Society

Addressing Societal Challenges:

Forum Physics & Society

Equal Opportunities

EPS Historic Sites →

Physics Education

European Integration

Physics for Development

Physics and the Economy

Supporting the Young Generation

The EPS Historic Sites Award commemorates places in Europe important for the development and the history of physics.

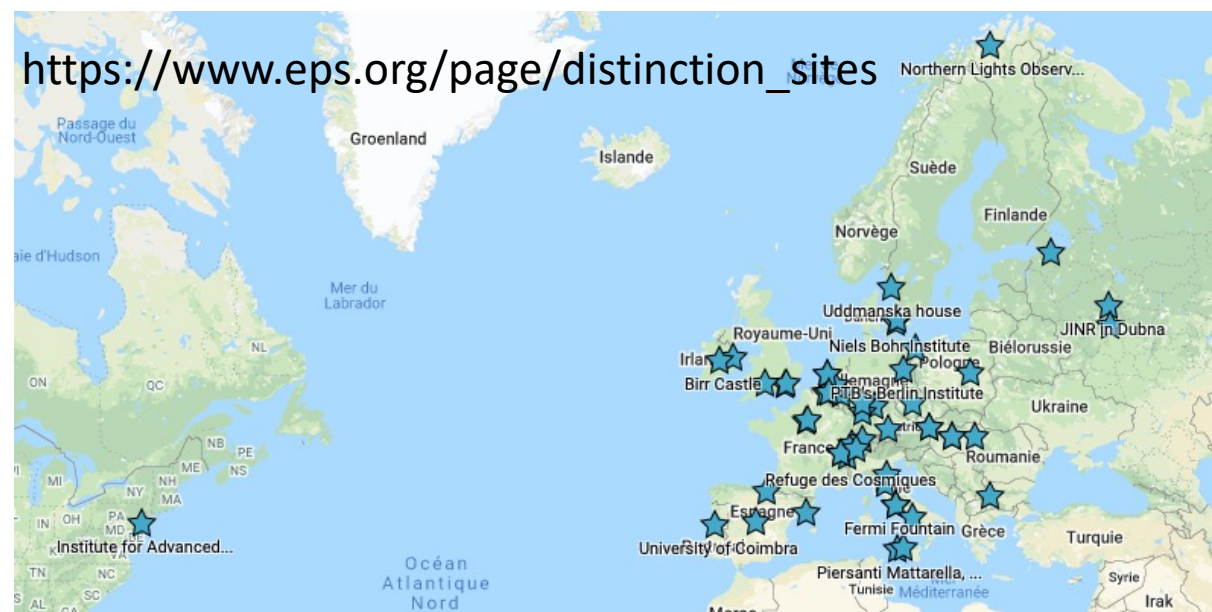
* IPN (now IJCLAB)
last Historic Site in 2023

9 Italian Historical sites

- Fermi Fountain, Roma (2012)
- AdA Storage Ring, Frascati (2013)
- Hill of Arcetri, Firenze (2013)
- Villa Griffone, Bologna (2013)
- Mount Vesuvius Observatory (2015)
- Piersanti Mattarella, Tower of Thought, Erice (2016)
- Institute of Physics of Archifari Street, Palermo (2019)
- Accademia delle Scienze dell'Istituto di Bologna (2019)
- « Aldo Pontremoli » Physics Dept – Milan University (2022)

- Created in 2011
- To commemorate places “associated with an event, discovery, research or body of work, ... that made important contributions to physics.”
- More than 130 applications till now
- Inaugurated > 70 Historic Sites in 26 Countries:

Austria (2), Belgium (3), Bulgaria, Croatia, Czech Republic, Denmark, Finland, France (7)*, Germany (8), Hungary, Italy (9), Ireland (2), Israel, Lithuania, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Spain, Sweden, Switzerland (6), United Kingdom (4), United States of America (jointly with APS)



The European Physical Society

Addressing Societal Challenges:

Forum Physics & Society

Equal Opportunities

EPS Historic Sites

Physics Education

European Integration

Physics for Development

Physics and the Economy

Supporting the Young Generation



- Created in 2010
- 1-2 annual Action Committee (AC) meeting
- 1 annual Leadership meeting
- 92 sections
- 37 countries:

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



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PARTNERS PRESS



The EPS Nuclear Physics Division (NPD)

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

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European Physical Society
more than ideas

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Divisions: Nuclear Physics Division

Group Pages + Directory & Features

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.

The divisional activities will include the organisation of and approval of conferences and summer schools in this field of study and also furthering the exchange of scientists and students.

Some of the divisional activities are the recognition of outstanding achievements by giving a number of prestigious prizes and awards, organisation and approval of conferences, publication of topical papers, and furthering the exchange of scientists and students.

EPS NPD
Nuclear Physics Division

PANS
Public Awareness of Nuclear Science

NuPECC

e-EPS
Facts and info from the European Physical Society

European Physical Society
more than ideas

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PUBLICATIONS

The March 2023 issue of e-EPS is out!
28/03/2023

Goal of the EPS Nuclear Physics Division

- Link with :
- PANS & Outreach
 - NuPECC
 - e-EPS
 - EPS
 - social

The EPS Nuclear Physics Division (NPD)

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

Latest Prize Winners

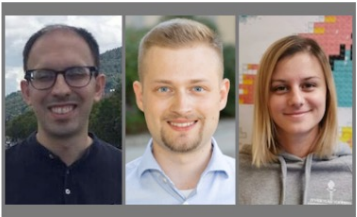
The Nuclear Physics Division recognises outstanding achievements with three prestigious awards. The latest prize winners are shown below.



Philip Walker, winner of the 2022 Lise Meitner Prize



Thomas Haberer, winner of the IBA-Europhysics Prize 2020



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

Latest prize winners announced by the NPD board

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
16/01/2024

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
22/11/2021

Recent Blog Activity

Call for nominations for the EPS Nuclear Physics Division Prize for Applied Nuclear Physics 2024

Post by Administration, Tuesday 9 January 2024

Blog: [News](#)

COMMENTS (0) [Subscribe](#)

Call for EPS NPD PhD Prize 2024

Post by Administration, Tuesday 9 January 2024

Blog: [News](#)

COMMENTS (0) [Subscribe](#)

The « Institut de Physique Nucléaire » in Orsay distinguished as an EPS Historic Site

Post by Administration, Thursday 14 December 2023

Blog: [News](#)

COMMENTS (0) [Subscribe](#)

Call for bids - EuNPC 2025

Post by Administration, Tuesday 2 May 2023

Blog: [News](#)

COMMENTS (0) [Subscribe](#)

Call for 1 NPD elected member

Post by Administration, Thursday 9 March 2023

Blog: [News](#)

COMMENTS (0) [Subscribe](#)

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



Upcoming Events [[Month View](#)]

2nd EPS Forum

MONDAY 25 MARCH 2024

Deadline for NPD Prize on Applied Nuclear Physics 2024

SUNDAY 31 MARCH 2024

Deadline for NPD prize for the best PhD thesis for the years 2021-2022-2023

SUNDAY 31 MARCH 2024

87th NPD board meeting

THURSDAY 9 MAY 2024

Nuclear Physics in Astrophysics XI (NPA-XI) 2024

SUNDAY 15 SEPTEMBER 2024



Calendar:

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

The EPS Nuclear Physics Division (NPD)

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



Board Activities

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.

Board Members

[Table of current board members](#)

[Table of previous board members](#)

Board Meetings

[Table of board meetings](#)

Statutes and By-laws

[Statutes of the division](#)

[By-laws of the division](#)

⇒ Created in 1973

Contacts

[Alessandra Fantoni](#), chair

Zsófia Kertész, scientific secretary

Alison Bruce, past chair

⇒ Chair elected in 2023, chair in 2024-2025, past chair 2026

⇒ Scientific secretary from February 2022

⇒ Chair in 2022-2023, past chair 2024

Board Meetings

Nr	Date	Place	Executive Summary
86	03-04 November, 2023	Paphos, Cyprus	
85	17-18 May, 2023	Zagreb, Croatia	pdf
84	28-29 October, 2022	Santiago de Compostela, Spain	pdf
83	26-27 May, 2022	Frascati, Italy	pdf
82	02-03 November, 2021	Virtually - due to COVID 19	
81	05-07 May, 2021	Virtually - due to COVID 19	
80	21-22 October, 2020	Virtually - due to COVID 19	
79	18-19 May, 2020	Virtually - due to COVID 19	
78	30 Sept.-1 Oct., 2019	Frankfurt, Germany	executivesummary-frankfurt.pdf
77	01-02 Apr, 2019	Jyväskylä, Finland	executivesummary-jyvaskyla.pdf
76	03-04 Sept, 2018	Bologna, Italy	executivesummarybologna.pdf
75	28-29 May, 2018	Istanbul, Turkey	executive-summary-istanbul-m.pdf

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 Nuclear Physics Division (NPD)

https://www.eps.org/members/group_content_view.asp?group=85199&id=508740

NPD Board Members with their own role and identified by their profile and scientific competences

Board Composition @ 01/2024: 10 ordinary, 9 co-opted (9 M, 10 F)

Geographical (Gender) distribution:

Croatia (1F) Cyprus (1F) France (2F) Finland (1M) Germany (1M)
Hungary (1F) Italy (2M, 2F) Norway (1F) Poland (1M) Portugal (1M)
Romania (1M) Spain (1F) Sweden (1M) UK (1M, 1F)

2 co-opted members ended their mandate on January 2024

2 elected members will end their mandate on April 2024

=> new call very soon (in EPS hands)

Italian component:

4 elected members (AF, G. Verde in 2020 + S. Leoni, E. Scapparone in 2021)
+ HEPP observer (F. Antinori)

AF: Scientific Secretary in 2021-2022

Chair Elected in 2023, Chair in 2024-2025, Past Chair in 2026

GV: Treasurer from 2021

ES: NPD observer in NuPECC

SL: all committees

Current NPD Board Members

Name /Institution/Country	Membership Month/Year	NPD board role	Scientific Keywords
Alessandra Fantoni <i>INFN-LNF, Frascati Italy</i>	Ordinary 09/2020	Chair NPD Board Chair LM Prize Committee Applied Physics Prize Committee PhD Prize Committee Conference Committee Private Web Page Manager Public Web Page Manager	Experimentalist. Hadronic physics with electromagnetic probes, nucleon structure, nuclear physics with ultrarelativistic heavy ion collisions, instrumental research for the realization of detectors.
Alison Bruce <i>University of Brighton U.K.</i>	Co-opted 01/2019	Past Chair NPD Board Chair LM Prize Committee Applied Physics Prize Committee PhD Prize Committee Conference Committee Private Web Page	Experimental nuclear structure physics. Gamma-ray spectroscopy. Exotic nuclei A~100 region.
Zsofia Kertesz <i>HAS – Institute for Nuclear Research Hungary</i>	Co-opted 07/2019	Scientific Secretary	Experimentalist. Ion Beam Analysis (IBA), nuclear microscopy, application of nuclear microanalytical techniques in atmospheric science and study of cultural heritage
Giuseppe Verde <i>INFN, Catania Italy</i>	Ordinary 09/2020	Treasurer	Nuclear Structure and Dynamics; Heavy-Ion Collisions; Equation of State; Symmetry Energy; Particle-Particle Correlations; Intensity Interferometry; Femtoscopy; Clustering in Nuclei and in Nuclear Matter; Interlinks between Nuclear Physics and Neutrino Physics

The EPS-NPD Conferences: EuNPC 2025

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



European Nuclear Physics Conference 2025

22–26 set 2025

Caen

Europe/Paris fuso orario

Inserisci il termine di ricerca



Home

Committees

Local Organising
Committee

Previous editions

Home

EuNPC2025 is the sixth European Nuclear Physics Conference, organized by the Nuclear Physics Division of the European Physical Society, and jointly by GANIL-SPIRAL2, LPC Caen, IJCLab Orsay and IRFU Saclay. The conference will take place from September 22nd to 26th 2025, and will be held in Caen.

EuNPC Highlights available at the link

<https://www.eps.org/blogpost/739426/482213/Highlights-of-the-EuNPC2022-conference>

Every 3 years
6th edition (first in 2009
@ Bochum)
Scheduled at Caen (F)
22-26/09/2025
NPD board members as:

- IAC
- Session Conveners

4 INFN people
(A.Fantoni, S. Leoni,
E. Scapparone, G. Verde)

- EuNPC 2022
- Santiago de Compostela
- > 200 participants
- > 30 INFN

The EPS-NPD Conferences: NPA XI 2024

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



Nuclear Physics in Astrophysics XI

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

Biannual Conference
XI edition
First one in Debrecen in 2002
Scheduled at TU Dresden (D)
15-20/09/2024

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.



5 NPD Board members into
Scientific Advisory Board:
Alessandra Fantoni *
Silvia Leoni *
Zsolt Podolyak
Rene Reifarth
Giuseppe Verde *
(*) 3 INFN people

The EPS-NPD Conferences: ANPC 2024

<https://radium.phys.uoa.gr/ANP2024/>

- First Edition on EPS Applied Nuclear Physics on September 2021 @ Prague
- Strongly desired and initiated by NPD
- Second Edition scheduled at Thessaloniki 22-27/09/2024

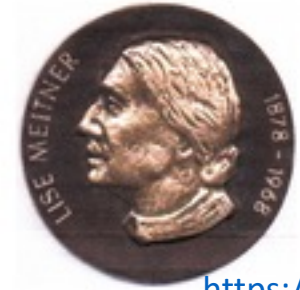
Conference Topics

- Ion Beam Analytical Methods in Material Science
- Ion and Neutron Beam Irradiation of Materials
- Nuclear Physics for Energy and Space Technologies
- Nuclear Analytical Methods for Environmental and Cultural Heritage Studies
- Medical Applications and Theranostics
- Dosimetry and Metrology
- Detection Technologies for Security Purposes
- Nuclear Techniques for Environmental Applications



3 NPD Board members into
Scientific Advisory Board:
Alessandra Fantoni *
Zsofia Kertész
Timo Sajavaara
(*) 1 INFN people

The EPS-NPD Prizes: Lise Meitner



The Nuclear Physics Division of the EPS awards the prestigious Lise Meitner Prize every second year to one or several individuals for outstanding work in the fields of experimental, theoretical or applied nuclear science.



Bi-annual prize (even years)

Prize:

- Lise Meitner medal
- EPS diploma
- Cash (5k€) by sponsor (3 INFN LNs as sponsors)

https://www.eps.org/members/group_content_view.asp?group=85199&id=620932

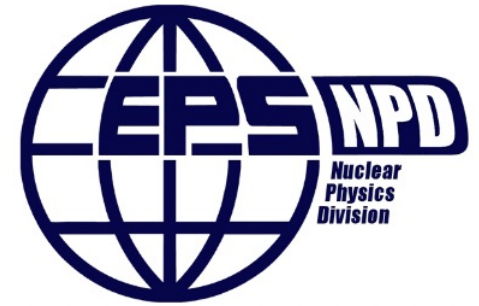
- Started in 2000
- Italian winner: P. Giubellino in 2014 together with P. Braun-Munzinger, J. Stachel and J. Schukraft *for their outstanding contributions to the experimental exploration of the quark-gluon plasma using ultra-relativistic nucleus-nucleus collisions (design and construction of ALICE and its physics program)*
- Last LM prize in 2022, given to Philip Walker during EuNPC 2022
<https://www.eps.org/blogpost/739426/475026/The-2022-EPS-NPD-Lise-Meitner-awarded-to-Philip-Walker>

***Philip Walker (University of Surrey, United Kingdom)** for his outstanding developments in the study and understanding of isomeric states including critical insights into possible isomer applications, such as energy storage and coherent gamma-ray emission. He has also led in the development and exploitation of a range of experimental techniques, from low-energy isotope separators to high-energy storage rings, which will also extend the isomer research opportunities with the new generation of radioactive-beam facilities.*

- Next LM prize: call for nominations in September 2024, ceremony at EuNPC 2025

The EPS-NPD Prizes: Applied Nuclear Physics Prize

The Nuclear Physics Division of the EPS awards the IBA-Europhysics Prize in Applied Nuclear Science and Nuclear Methods in Medicine.



From 2004

Every 2-3 years

Italian winner: P. A. Mandò in 2009 (M. Durante GSI in 2013)

Last IBA-EuroPhysics Prize in 2020 to Thomas Haberer with Ceremony at ANPC 2021 Conference
“for outstanding scientific discoveries and innovative technological breakthroughs in the use of high energy accelerators and heavy ion beams for the Heavy Ion Cancer therapy”

<https://www.eps.org/blogpost/751263/355787/2020-IBA-Europhysics-Prize-to-the-pioneer-of-ion-beam-cancer-therapy-Thomas-Haberer>

No more support from IBA => new NPD Prize for Applied Nuclear Physics from 2024:

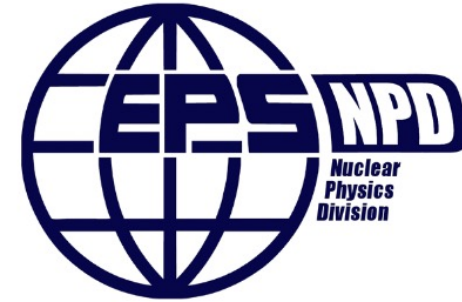
- EPS Diploma
- Cash (3k€) from the NPD board
- Award and Ceremony at the ANPC Conference 2024 in Thessaloniki
- Call still open, deadline March 31st

https://www.eps.org/members/group_content_view.asp?group=85199&id=1067541

**Application
recommended
Deadline
March 31st**

The EPS-NPD Prizes: PhD best thesis

Awarded by the EPS Nuclear Physics Division Board, recognizing the excellence of a recent PhD thesis in experimental, theoretical or applied nuclear physics.



- Started in 2012
- Prize awarded every 3 years to 3 people for PhD thesis in experimental, theoretical or applied nuclear physics in a member country of EPS
- Each winner receives:
 - EPS diploma
 - support to a maximum value of 1000 € to attend the EuNPC Conference
 - talk at the EuNPC conference to present his/her work
- Last prize in 2021 for PhD thesis between 01/01/2018-31/12/2020
 - <https://www.eps.org/blogpost/739426/478275/PhD-best-thesis-award-2021>
 - call February 2021, winners selection on Fall 2021, ceremony + talks @ EuNPC 2022
- Next prize in 2024 for PhD thesis between 01/01/2021 – 31/12/2023

**Application
recommended
Deadline
March 31st**

=> call still open, deadline on March 31st https://www.eps.org/members/group_content_view.asp?group=85199&id=665582

- Ceremony at the EuNPC 2025 Conference