

Draft Minutes
of the Hundred-eleventh Meeting of the
Nuclear Physics European Collaboration Committee (NuPECC)
held in Harwell, Didcot on April 7 and 8, 2025

Participants:

Diego **Bettoni**
Barbara **Erazmus** (Deputy Chair)
Bogdan **Fornal**
Luis **Fraile**
Jens Jørgen **Gaardhøje**
Paul **Greenlees**
David **Ireland**
Gabriele - Elisabeth **Körner** (Scientific Secretary)
Silvia **Leoni**
Rudolph **Nchodu** (iThemba)
Eugenio **Scapparone** (EPS-DNP)
Paul **Stevenson**
Bira **Van Kolck** (ECT*)
Martin **Venhardt**
Eberhard **Widmann** (Chair)
György **Wolf**

Remote: Daniel **Bemmerer**, Sandrine **Courtin**, Stéphane **Goriely**, Ihor **Kadenko**, Israel **Mardor** (Israel), Nicolae **Marginean**, Nilberto **Medina** (ALAFNA), Nikolas **Patronis**, Teresa **Peña**, Lucia **Popescu** (MYRRHA), Dirk **Rudolph**, Jelena **Vesić**, and Vladimír **Wagner**

Guest: Marek **Lewitowicz**

Guests (online): Navin **Alahari**, Karl **Jakobs**, Annika **Thiel**

Indico: <https://indico.ph.tum.de/event/7815/> (nupecc_ral)

Agenda

1. Approval of agenda
2. Apologies for absence
3. Minutes of previous meeting
4. Chair's Business (Eberhard Widmann)
5. NuPECC contribution to the Update of ESPP (Eberhard Widmann,)
6. NuPECC Questionnaire 2025 (Eberhard Widmann)
7. News from ESG (Karl Jakobs)
8. News from EURO-LABS (Navin Alahari)
9. News from EU Initiatives (Barbara Erasmus)
10. NuFFER (Annika Thiel)
11. NuPECC LRP 2024 – Finalisation and Status of EuNPC (Marek Lewitowicz)
12. Nuclear Physics in UK (Dave Ireland)
13. News from ECT* (Ubirajara van Kolck)
14. News from EPS-DNP (Eugenio Scapparone)
15. NuPECC Budget 2024/2025 (Paul Greenlees)
16. NPN (Gabriele-Elisabeth Körner)
17. Place, time and topics of the Meetings in 2025
18. AoB

1. Approval of the Agenda

The accepted agenda is given on page 2.

2. Apologies for Absence

Federico **Antinori** (EPS-HEPP), Gail **Dodge** (NSAC), Byungsik **Hong** (ANPhA), Rituparna **Kanungo** (CINP), Yvonne **Leifels**, Ulf G. **Meißner**, Joachim **Mnich** (CERN), Hervé **Moutarde**, Thomas **Nilsson** (FAIR), Carlos **Pena Garay** (APPEC), Danas **Ridikas** (IAEA), Patricia **Roussel-Chomaz** (SPIRAL2), Hiroyoshi **Sakurai** (RIKEN), Boris **Sharkov** (JINR) (membership suspended), Eda **Sahin**, Raimond **Snellings**, Anna **Soter**, Paris **Sphicas** (ECFA), Calin **Ur** (ELI-NP), and Nicolas **Walter** (ESF).

3. Minutes of the Previous Meeting

The minutes of the hundred-tenth meeting held in Bad Honnef on December 4 to 6, 2024, are agreed upon without changes and will be put on the NuPECC Website.

4. Chair's Business

NuPECC congratulates the winners of the Breakthrough Prize in Fundamental Physics of the Breakthrough Prize Foundation, the LHC Experiment Collaborations including ALICE – see https://alice-collaboration.web.cern.ch/2025_Breakthrough_Prize.

The new Management Group is composed of Eberhard Widmann (Chair), Barbara Erazmus (Deputy Chair), Paul Greenlees (Treasurer), and Gabriele-Elisabeth Körner (Scientific Secretary).

Eberhard Widmann welcomes the new representatives Anna Soter (replacing Klaus Kirch), Bogdan Fornal (replacing Adam Maj), and Israel Mardor (replacing Itzhak Tserruya).

He reports on his activities for NuPECC; his presentation can be found on the NuPECC Indico site. The main items not addressed in their own points of the agenda were:

NuPECC Task Force Meetings

The next Task Force Meeting will be held right before the NuPECC Meeting in Strasbourg on June 11, 2025; for CERN Luciano Musa will be invited.

Joint ECFA-APPEC-NuPECC actions

About 100 participants (14 representing funding agencies) are expected to attend the upcoming on April 8-11, 2025 – see <https://indico.cern.ch/event/1440480/> for the programme and other information.

Following the request from Funding Agencies at JENAS 2022 in Madrid, JENA prepared a White Paper on Federated Computing, based on the reports from 5 Working Groups established at the JENA Computing Workshop 2023 in Bologna (<https://agenda.infn.it/event/34738/>). The White Paper was submitted to the Funding Agencies and to ESPPU and is available, together with the Working Group reports, under <https://www.nupecc.org/jenaa/index.php?display=computing>.

5. NuPECC contribution to the Update of ESPP

Based on the NuPECC LRP 2024, the Working Group (Eberhard Widmann (Chair), Luis Fraile, Jens Jørgen Gaardhøje, Bira van Kolck, Hervé Moutarde, Nikolas Patronis, Maria Teresa Peña, Lucia Popescu, and Vladimir Wagner prepared the document that was submitted in time, put in arXiv, and is available under <https://arxiv.org/abs/2504.04100>.

6. NuPECC Questionnaire 2025

Eberhard Widmann reports on the results of the questionnaire given as Appendix 1; the results are given in Appendix 2.

New activities from the General Suggestions should be

- Meeting with CERN management in view of strategy update and nuclear physics at CERN
- Activities from new topics in LRP
 - Education, career paths
 - Industrial partners

From the main results:

- Q1 Follow-up and lobbying
 - Workshops with MEP
 - Meetings with **EU officers** regarding funding schemes for next EU framework, provide feedback (tool?)
 - **Task force visit to EC**, contacts with NCP
 - Contacts of NuPECC members with local FAs
 - LRP presentations at conferences (contributed), events attended by FA
 - Task force visit to Sweden together with Finland
 - Use LRP recommendations in funding applications
- Q9 support and follow-up Horizon Europe projects
 - Regular reports, once per year
 - Networking and lobbying at EC
 - Round table hosted by NuPECC
- Q6 regular updates of ESFRI facilities
 - In connection with accelerator road map?
 - Frequency of presentations: varies, majority once per year

More can be found in Eberhard Widmann's presentation on the NuPECC Indico site

7. News from ESG

Karl Jakobs reports remotely on the status of ESPPU; his presentation can be found on the NuPECC Indico site. The ESG, chaired by Karl Jakobs, with the participation of Eberhard Widmann, will meet twice before the Open Symposium in Venice on June 23-27, 2025.

8. News from EURO-LABS

Navin Alahari reports remotely on the activities of EURO-LABS; his presentation can be found on the NuPECC Indico site. The 4th Annual Meeting will be held from September 29 to October 1, 2025, in Ljubljana.

9. News from EU Initiatives

Barbara Erasmus reports on the plans for FP10; her presentation can be found on the NuPECC Indico site. A new call for infrastructures is expected to come out on May 6, 2025 with a (very tight) deadline of September 18, 2025.

10. NuFFER

Annika Thiel reports remotely on the activities of NuFFER; her presentation can be found on the NuPECC Indico site. An in-person kick-off meeting is planned at EuNPC.

11. NuPECC LRP 2024 Finalisation and Status of EuNPC

Marek Lewitowicz reports on both; his presentations can be found on the NuPECC Indico site.

The LRP coordinators get a very last chance for corrections until April 18, 2025, then the LRP will go to print and be distributed to the NuPECC Representatives according to the compiled list. Individual copies can be requested from the NuPECC Scientific Secretary. The LRP and the corresponding brochure are available on the NuPECC Website <https://www.nupecc.org/?display=pub/publications>.

The European Nuclear Physics Conference will take place in Caen on September 22-26, 2025; right afterwards there will be meetings of NuPECC (September 26 and 27), NuFFER (September 26) and the Editorial Board of Nuclear Physics News (September 27).

12. Nuclear Physics in UK

David Ireland reports on the nuclear physics activities in UK; his presentation can be found on the NuPECC Indico site.

13. News from ECT*

Ubirajara van Kolck reports on the activities of ECT*; his presentation can be found on the NuPECC Indico site. The NuPECC Representatives are encouraged to propose a replacement for Dennis Lacroix in the Board. LaVa, a virtual platform for advanced e-learning in Lattice Field Theory, is described in the next issue of Nuclear Physics News.

14. News from EPS-DNP

Eugenio Scapparone reports on the activities of EPS-DNP; his presentation can be found on the NuPECC Indico site. New activities for PANS should be started and discussed with Alessandra Fantoni.

15. NuPECC Budget 2024 / 2025

Paul Greenlees reports on the budget situation of NuPECC; his presentation can be found on the NuPECC Indico site. Although the buffer has decreased due to the costs for the LRP and JENAS, the budget is still positive; an increase of the fee (which has been the same since 2002) in order to compensate inflation should be envisaged.

16. Nuclear Physics News

An in-person meeting of the Editorial Board is planned for September 27, 2025, 14 - 17 h, at GANIL (right after EuNPC).

Again all NuPECC Representatives are encouraged to contribute with suggestions for articles, but also news which could in parallel be used for the NuPECC Website.

17. Place and Time of the Meetings in 2025

The meetings of NuPECC in 2025 will be held on

June 12-13, 2025, at ESF (together with IPHC) in Strasbourg
September 26-27, 2025, in Caen (in connection with EuNPC)

The NuPECC Representatives are encouraged to propose venues for the meetings in 2026.

18. AoB

No AoB.

München, May 8, 2025



(Gabriele - Elisabeth Körner)

Appendix 1



Questionnaire 2025

1. Follow-up and lobbying for the implementation of the NuPECC Long Range Plan in the NuPECC member states and European Union political bodies
2. Develop an accelerator road map for Nuclear Physics
3. Participation in the International Year of Quantum Science and Technology (2025)
4. Participation in the Earth Humanity Coalition
5. Communication and outreach activities in the framework of PANS and NuPEX
6. Regular update at NuPECC meetings on status of major European nuclear physics facilities (ESFRI and others)
7. Regular update on activities of sister organisations: IUPAP (C12 &WG9), NSAC, NSERC, ANPhA, ALAFNA
8. Support for new nuclear physics related projects (e.g. Charged Particle EDM, EIC in US,...)
9. Support to and follow-up of the EU H2020 and Horizon Europe projects in nuclear physics and related areas
10. Joint actions with ECFA and APPEC (JENAS, Eol, Working Groups)
11. Joint actions of NuPECC and the Nuclear Physics and High Energy Particle Physics Boards of the European Physical Society
12. Get on board new NuPECC members and associated members
13. Joint actions with the European Science Foundation
14. Elaboration of the NuPECC Special Reports
15. NuPECC sponsorship of nuclear physics conferences, symposia and schools

Appendix 2

Results

1. Follow-up and lobbying for the implementation of the NuPECC Long Range Plan in the NuPECC member states and European Union political bodies (72)
9. Support to and follow-up of the EU H2020 and Horizon Europe projects in nuclear physics and related areas (70)
6. Regular update at NuPECC meetings on status of major European nuclear physics facilities (ESFRI and others) (65)
2. Develop an accelerator road map for Nuclear Physics (59)
10. Joint actions with ECFA and APPEC (JENAS, EoI, Working Groups) (58)
15. NuPECC sponsorship of nuclear physics conferences, symposia and schools (56)
14. Elaboration of the NuPECC Special Reports (54)
8. Support for new nuclear physics related projects (e.g. Charged Particle EDM, EIC in US, ...) (52)
11. Joint actions of NuPECC and the Nuclear Physics and High Energy Particle Physics Boards of the European Physical Society (50)
5. Communication and outreach activities in the framework of PANS and NuPEX (50)
7. Regular update on activities of sister organisations: IUPAP (C12 &WG9), NSAC, NSERC, ANPhA, ALAFNA (49)
12. Get on board new NuPECC members and associated members (45)
13. Joint actions with the European Science Foundation (45)
3. Participation in the International Year of Quantum Science and Technology (2025) (44)
4. Participation in the Earth Humanity Coalition (28)