

**Minutes**  
**of the Ninety-Fourth Meeting of the**  
**Nuclear Physics European Collaboration Committee (NuPECC)**  
**held in Warsaw on March 1 and 2, 2019**

Participants:

- Navin **Alahari**
- Eduardo **Alves**
- Angela **Bracco**
- Hideto **En'yo** (RIKEN)
- Paolo **Giubellino** (FAIR)
- Andreas **Görgen**
- Joaquin **Gomez Camacho**
- Paul **Greenlees**
- Rolf-Dietmar **Herzberg**
- Nasser **Kalantar – Nayestanaki**
- Rituparna **Kanungo** (CINP)
- Gabriele - Elisabeth **Körner** (Scientific Secretary)
- Marek **Lewitowicz** (Chair) (SPIRAL2)
- Adam **Maj**
- Eugenio **Nappi**
- Gerda **Neyens**
- Franck **Sabatié**
- Boris **Sharkov** (JINR)
- Raimond **Snellings**
- Hans **Ströher**
- Kazuhiro **Tanaka** (ANPhA)
- Ioan **Ursu**
- Vladimír **Wagner**
- Jochen **Wambach** (ECT\*)
- György **Wolf**

**Guests:** Barbara **Erazmus** (STRONG2020), Muhsin N. **Harakeh** (ENSAR2) and Lucia **Popescu** (SCK•CEN)

**Remote Presentations:** Faiçal **Azaiez** (iThemba), David **Hertzog** (NSAC), and Teresa **Montaruli** (ApPEC)

## Agenda

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4. News from CINP (Rituparna Kanungo)
5. News from ANPhA (Kazuhiro Tanaka)
6. News from NSAC (David Hertzog, remote)
7. Minutes of Previous Meeting
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9. Joint ApPEC-ECFA-NuPECC Diversity Charter (Nasser Kalantar)
10. News from STRONG2020 (Barbara Erasmus)
11. News from ENSAR2 (Muhsin Harakeh)
12. News from ECT\* (Jochen Wambach)
13. News from Nishina Center RIKEN (Hideto En'yo)
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16. News from GANIL-SPIRAL2 (Navin Alahari)
17. News from iThemba Labs (Faiçal Azaiez, remote)
18. Change in Terms of Reference
19. Decision on Application of Slovakia for Membership
20. The MYRRHA Project (Lucia Popescu)
21. News from ELI-NP (Ioan Ursu)
22. PANS (Rolf-Dietmar Herzberg)
23. NPN (Angela Bracco)
24. Budget (Paul Greenlees)
25. New NuPECC Website (Gabriele – Elisabeth Körner)
26. Place, Time and Topics of next Meetings
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## **1. Approval of the Agenda**

The accepted agenda is given on page 2.

## **2. Apologies for Absence**

Faiçal **Azaiez** (iThemba), Sotirios **Charisopoulos**, Jorgen **D'Hondt** (ECFA), Jens Jørgen **Gaardhøje**, Michel **Guidal**, David **Hertzog** (NSAC), David **Ireland**, Tord **Johansson**, Bernd **Krusche**, Karlheinz **Langanke**, Ulf-G. **Meißner**, Matko **Milin**, Calin **Ur** (EPS/NPB), Eberhard **Widmann** (Deputy Chair) and Jean-Claude **Worms** (ESF) could not attend.

## **3. ApPEC**

Teresa Montaruli gives a remote presentation on the activities of ApPEC; her presentation can be found on the NuPECC Indico site.

## **4. News from CINP**

Rituparna Kanungo reports on the activities of CINP; her presentation can be found on the NuPECC Indico site.

## **5. News from ANPhA**

Kazuhiro Tanaka reports on the activities of ANPhA; his presentation can be found on the NuPECC Indico site.

## **6. News from NSAC**

David Hertzog gives a remote presentation on the activities of NSAC; his presentation can be found on the NuPECC Indico site.

## **7. Minutes of the Previous Meeting**

The minutes of the ninety-second meeting held in Bucharest on October 12 and 13, 2018, are agreed upon without changes and will be put on the NuPECC Website as such.

## **8. Chair's Business**

Marek Lewitowicz welcomes the new representatives from Belgium and Spain, Gerda Neyens and Joaquin Gomez Camacho.

He reports on his activities for NuPECC; his presentation can be found on the NuPECC Indico site <https://indico.ph.tum.de/event/4198/>.

The main items addressed were:

- NuPECC Task Force meetings were held at IAEA on February 26, 2019, and in Warsaw on February 28, 2019; all presentations can be found in the Members' Area of the NuPECC Website.
- (R)ECFA Meetings and follow-up actions  
The WG on the European Strategy for Particle Physics – Eberhard Widmann (Chair), Angela Bracco, Michel Guidal, Boris Sharkov, Hans Ströher, Jochen Wambach – submitted its document on December 18, 2018; it can be found in the Members' Area of the NuPECC Website. Marek Lewitowicz thanks Eberhard Widmann and the Working Group for their work. The NuPECC contribution submitted to the European Strategy Group can be found at [http://www.nupecc.org/restricted/Documents/NuPECC\\_ESPP\\_2018.pdf](http://www.nupecc.org/restricted/Documents/NuPECC_ESPP_2018.pdf)

- The Joint ECFA-NuPECC- ApPEC Seminar (JENAS 2019) will be held in Orsay on October 14 to 16, 2019; all NuPECC Members are urged to register on the meeting website <https://jenas-2019.lal.in2p3.fr/>
- Modifications of the NuPECC organisation & meetings
- Contacts with candidates for new members
- Support actions and lobbying
- Support for conferences

The list of supported conferences can be found in the Members' Area of the NuPECC Website. The criteria for support with particular emphasis on public lectures and PANS actions should be published on the NuPECC Website for yearly calls for applications for conferences.

### **9. Joint ApPEC-ECFA-NuPECC Diversity Charter**

Nasser Kalantar presents the Diversity Charter elaborated by the common ApPEC-ECFA-NuPECC Working Group; his presentation can be found on the NuPECC Indico site. The draft has been sent to all NuPECC Members before the meeting and can be found in the Members\* Area of the NuPECC Website. NuPECC unanimously accepts the Charter; as a first measure, the information outlined in the Charter should be collected.

### **10. STRONG2020**

Barbara Erazmus reports on the newly accepted proposal for hadron physics STRONG2020; her presentation can be found on the NuPECC Indico site.

### **11. ENSAR2**

Muhsin N. Harakeh reports on the activities of ENSAR2; his presentation can be found on the NuPECC Website.

### **12. ECT\***

Jochen Wambach reports on the activities of ECT\*; his presentation can be found on the NuPECC Indico site. A report on the 25<sup>th</sup> anniversary of ECT\* will be published as a feature including the cover in Nuclear Physics News Vol 29, No. 2.

### **13. News from Nishina Center RIKEN**

Hideto En'yo reports on the progress of the Nishina Center at RIKEN; his presentation can be found on the NuPECC Indico site.

### **14. News from ERINS**

Angela Bracco reports on the status of the new proposal ERINS (successor to ENSAR2), which is due for submission on March 20, 2019; her presentation can be found on the NuPECC Indico site.

### **15. News from FAIR/GSI**

Paolo Giubellino reports on the progress of FAIR/GSI; his presentation can be found on the NuPECC Indico site. The latest drone video on the status of the FAIR construction is featured on the newly designed NuPECC Website.

### **16. News from GANIL-SPIRAL2**

Navin Alahari reports on the progress of SPIRAL2; his presentation can be found on the NuPECC Indico site.

### **17. News from iThemba**

Faiçal Azaiez gives a remote presentation on the activities of iThemba and in Africa; his presentation can be found on the NuPECC Indico site.

### **18. Change in Terms of Reference**

The revised Terms of Reference which allow for nomination of a proxy to execute voting rights – see annex to these minutes – are unanimously approved and will be put on the NuPECC Website.

### **19. Decision on Application of Slovakia for Membership**

The application of Slovakia for Membership is unanimously accepted; Marek Lewitowicz will send a corresponding letter to the Slovakian Ministry of Research.

### **20. The MYRRHA Project**

Lucia Popescu reports on the progress of the MYRRHA Project; her presentation can be found on the NuPECC Indico site.

### **21. News from ELI-NP**

Ioan Ursu reports on the progress of ELI-NP; his presentation can be found on the NuPECC Indico site.

### **22. PANS**

Rolf-Dietmar Herzberg asked all NuPECC Members to provide information on PANS activities in their institutions/countries to put together a list to be posted on the NuPECC Website; unfortunately, only very few answers came back. This is obviously in contradiction with the importance the PANS activities have been received in the questionnaire in 2018 – see also point 8 of the agenda. NuPECC representatives are urged to provide the missing information.

### **23. NPN**

All envisaged contributions for the first issue in 2019, Vol. 29 No. 1, dedicated to the International Year of the Periodic Table IYPT 2019 of UNESCO, have been submitted in time; the cover has been produced with the help of Doris Pristauz-Telsnigg at SMI in Vienna and is appended.

Rituparna Kunungo (Halifax and TRIUMF) will replace Jens Dilling as Canadian Member of the Editorial Board.

All NuPECC Members are encouraged to propose possible contributions; the next meeting of the Editorial Board takes place right after the NuPECC Meeting on March 2, 2019, in Warsaw.

### **24. Budget**

Paul Greenlees presents the budget proposal for 2019; his presentation can be found on the NuPECC Indico site.

### **25. New NuPECC Website**

Gabriele- Elisabeth Körner presents the new NuPECC Website. All NuPECC members are welcome to contribute to its content.

## 26. Place, Time and Topics of Next Meetings

The next meetings of NuPECC will be held on

June 21 and 22, 2019, in Dubna (visa!!!)  
October 17, 2019, in Paris

All NuPECC Representatives should also be present at the mini-workshop at the beginning of the meeting; the host should try to get more local attendance.

### Proposed topics for next 2019 meetings

- Mid-term questionnaire on NuPECC activities
- FP9 and research infrastructures (presentation from EC)
- High-performance computing (HPC), big data handling and sharing in Nuclear Physics
- Nuclear physics in Everyday Life

## 27. AoB

No other business.

München, March 15, 2019



(Gabriele - Elisabeth Körner)

# **Nuclear Physics European Collaboration Committee**

## **Terms of Reference**

for the Nuclear Physics European Collaboration Committee (NuPECC), an ESF Associated Committee, as agreed upon on March, 2<sup>nd</sup> 2019.

NuPECC is an Expert Committee hosted by European Science Foundation (ESF).

The Committee membership is formed from European institutions and research facilities involved in nuclear science. The Committee may appoint Associated Members and Observers.

Beyond the Terms of Reference of NuPECC, the Statute of the ESF shall apply where relevant.

### **Tasks**

The objective of NuPECC is to:

- develop the strategy for European Collaboration in nuclear science by supporting collaborative ventures between research groups within Europe;
- promote nuclear physics and its trans-disciplinary use in applications for societal benefit.

In pursuing this objective, the Committee shall:

- provide advice and make strategic recommendations to funding agencies and decision-making bodies on the development, organisation, and support of European nuclear research and of particular projects;
- define a network of complementary facilities within Europe and encourage optimisation of their usage;
- provide a forum for the discussion of the provision of future facilities and instrumentation;
- on a regular basis, the Committee shall organise a consultation of the community leading to the definition and publication of a Long Range Plan of European nuclear physics;
- contribute to public education and awareness through dissemination and outreach activities related to nuclear science, in particular through the publication of the journal Nuclear Physics News, topical reports and via online media.

### **Membership**

The Committee is composed of:

- Members  
The Members of the Committee are national organisations involved in nuclear science or multi-national nuclear research

facilities in Europe. The statutes of the Members should be consistent with those of NuPECC and the ESF and they should contribute to the budget of the Committee.

The distribution of Members across the different European countries and organisations should aim to reflect the activities in nuclear science in the different scientific fields and the different countries.

The Representatives of Members in the Committee shall be drawn from experts active in nuclear science and proposed by the Members of NuPECC. Members can propose one Representative per fee and each Representative will dispose of one vote. The total number of Representatives per Country is limited to three, unless otherwise agreed by the Committee.

- **Associated Members**

The Committee may invite research organisations to become Associated Members of the Committee. The Associated Members will participate in the work of the Committee without voting rights and shall contribute to the Committee budget.

- **Observers**

The Committee may invite research organisations to become an Observer at the Committee meetings. The Observers have no voting rights and have no obligation to contribute to the Committee budget.

A representative of the ESF shall be invited to the Committee meetings.

New Members, Associated Members or Observers can be invited to join the Committee if the action is supported after deliberation of the Representatives.

A Member or an Associated Member may withdraw from the Committee at the end of the financial year immediately following that in which it gives notice of the withdrawal.

### **Modus Operandi of the Committee**

The Committee shall coordinate its work through plenary meetings on a regular basis, at least twice a year, at which all business items shall be decided. Members, Associated Members and Observers shall participate in the open session of the meetings, whilst the Members may participate in a closed session if deemed necessary.

The Committee Chairperson shall be elected from among the Representatives of the Committee Members for a 3-year term, renewable once. The modus operandi of the NuPECC election of the Chairperson is defined in the Annex of the present Terms of Reference.

The Chairperson may appoint a deputy Chairperson for the duration of his/her term. The nomination of the deputy should be approved by the Committee.

The Committee may appoint a Scientific Secretary and may set up a charter for his/her activities.

Should any matters to be decided by the Committee require a vote (outside of the modus operandi for election of the Chairperson), a minimum of two-thirds of the voting Representatives must be present, with any actions being carried by simple majority.

Any representative who cannot attend the meeting may appoint another representative as a proxy to vote on his or her behalf. The representative should write to the secretary before the meeting to give the name of the proxy who can vote on his/her behalf.

## **Financial matters**

### **Inflow:**

The Members and Associated Members of NuPECC shall contribute to the basic budget of the Committee, which shall cover its operational activities including the remuneration of the Committee's Scientific Secretary and its liaison costs with the ESF. The contribution of every Member shall depend on the number of Representatives it nominates. The travel costs of a Representative attending the regular plenary meetings of the Committee shall be reimbursed directly by the respective Members. The Associated Members shall contribute to the basic budget of the Committee with at least 50% of a full Membership fee.

The Committee may receive specific contributions from third parties or ad hoc contributions from Members.

### **Financial modus operandi:**

The Committee shall agree on an annual budget plan which is within the confines of the inflow from the Members, Associated Members and/or third parties, and which takes into account the current economic environment. The Committee shall appoint a Treasurer who shall oversee the budget and interface with ESF.

The financial commitments for the work of the Committee shall be made by the ESF.

Based on the budget agreed by the Committee, the ESF will act as financial clearing house and will send annual invoices to the NuPECC Members' Institutions. The NuPECC budget is held in a special account established and operated by the ESF. ESF will collect the annual contributions from the Members and provide all appropriate financial

reporting information to the Committee in due time.

### **Reporting and Advising**

In providing advice and making recommendations to external bodies, the Committee shall act responsibly and independently. The Committee shall report on a regular basis to the ESF.

### **Periodic Review**

Periodically – optimally every five years - a full external and independent review of the work of the Committee will be carried out. ESF is responsible for overseeing the review process on behalf of the Committee.

