

**Draft Minutes**  
**of the Ninety-Sixth Meeting of the**  
**Nuclear Physics European Collaboration Committee (NuPECC)**  
**held in Orsay on October 17, 2019**

Participants:

Navin **Alahari**  
Angela **Bracco**  
Jorgen **D'Hondt** (ECFA)  
Andreas **Görgen**  
Paul **Greenlees**  
Michel **Guidal**  
Rolf-Dietmar **Herzberg**  
David **Ireland**  
Tord **Johansson**  
Nasser **Kalantar – Nayestanaki**  
Rituparna **Kanungo** (CINP)  
Gabriele - Elisabeth **Körner** (Scientific Secretary)  
Bernd **Krusche**  
Karlheinz **Langanke**  
Marek **Lewitowicz** (Chair) (SPIRAL2)  
Adam **Maj**  
Ulf-G. **Meißner**  
Teresa **Montaruli** (APPEC)  
Gerda **Neyens**  
Danas **Ridikas** (IAEA)  
Franck **Sabatié**  
Boris **Sharkov** (JINR)  
Hans **Ströher**  
Kazuhiro **Tanaka** (ANPhA)  
Ioan **Ursu**  
Vladimír **Wagner**  
Nicolas **Walter** (ESF)  
Jochen **Wambach** (ECT\*)  
Eberhard **Widmann** (Deputy Chair)  
György **Wolf**

**Guests:** Muhsin N. **Harakeh** (ENSAR2) and Stanislav **Hlaváč** (for Slovakia)

**Indico:** <https://indico.ph.tum.de/event/4360/> (nupecc\_ors)

## Agenda

1. Approval of Agenda
2. Apologies for Absence
3. Minutes of Previous Meeting
4. Chair's Business (Marek Lewitowicz)
5. News from ECFA (Jorgen D'Hondt)
6. News from APPEC (Teresa Montaruli)
7. News from ENSAR2 (Muhsin Harakeh)
8. News from ERINS (Angela Bracco)
9. News from STRONG2020 (Franck Sabatié for Barbara Erasmus)
10. News from FAIR/GSI (Paolo Giubellino)
11. News from GANIL-SPIRAL2 (Navin Alahari)
12. News from ELI-NP (Ioan Ursu)
13. EPIC Project at ISOLDE/CERN (Gerda Neyens)
14. Budget (Paul Greenlees)
15. News from ANPhA (Kazuhiro Tanaka)
16. News from Nuclear Physics in Hungary (György Wolf)
17. ESF (Nicolas Walter)
18. News from ECT\* (Jochen Wambach)
19. PANS
20. NPN (Angela Bracco)
21. Special Report "Nuclear Physics in Everyday Life" (Marek Lewitowicz)
22. Application by MYRRHA for Institutional Membership
23. Place, Time and Topics of next Meetings
24. AoB

## 1. Approval of the Agenda

The accepted agenda is given on page 2.

## 2. Apologies for Absence

**Eduardo Alves**, **Faiçal Azaiez** (iThemba), **Sotirios Charisopoulos**, **Hideto En'yo** (RIKEN), **Jens Jørgen Gaardhøje**, **Paolo Giubellino** (FAIR), **Joaquin Gomez Camacho**, **David Hertzog** (NSAC), **Matko Milin**, **Eugenio Nappi**, **Raimond Snellings**, and **Calin Ur** (EPS/NPB).

## 3. Minutes of the Previous Meeting

The minutes of the ninety-fifth meeting held in Dubna on June 21 and 22, 2019, are agreed upon without changes and will be put on the NuPECC Website as such.

## 4. Chair's Business

Marek Lewitowicz welcomes the representative of the new NuPECC Member Slovakia, **Stanislas Hlaváč**, the new Observer from IAEA, **Danas Ridikas**, and the new Observer from APPEC, **Teresa Montaruli**.

He reports on his activities for NuPECC; his presentation can be found on the NuPECC Indico site. The main items addressed were:

- **Mid-Term Questionnaire**  
A selection of comments to the questionnaires are shown in the presentation and discussed.
- **NuPECC Task Force meetings**  
The last one was held in Orsay with representatives from CNRS/IN2P3 and CEA/IRFU on October 14, 2019; all presentations can be found in the Members' Area of the NuPECC Website. The next Task Force Meeting is planned in Spain in connection with the next NuPECC Meeting.
- **ECFA Meetings and joint ECFA-APPEC-NuPECC actions**  
Marek Lewitowicz gave a presentation on NuPECC at the Joint ECFA-NuPECC-APPEC Seminar (JENAS 2019) in Orsay on October 14 to 16, 2019; it is available on the meeting website <https://jenas-2019.lal.in2p3.fr/>. The meeting has been well attended by NuPECC Members.  
The joint WG "Recognition of individual achievements in large collaborations" had a lunch meeting during JENAS; the list of collaborations and the extension of the ECFA Survey to the nuclear physics and astroparticle physics communities were discussed.  
Conferences supported by NuPECC should be asked to sign the "Diversity Charter".
- **Contacts with candidates for new members**  
NuPECC decides on the application of MYRRHA as Institutional Members – see point 22 of the agenda. Israel will present an application for Associate Membership at the next NuPECC Meeting in Valencia
- **Support actions and lobbying**  
For the NuPECC special report "Nuclear physics in Everyday Life" see point 21 of the agenda.
- **Support for conferences**  
The list of supported conferences in 2019 can be found on the NuPECC Website, the list for 2020 in the Members' Area.

## **5. News from ECFA**

Jorgen D'Hondt reports on the progress of the European Strategy for Particle Physics; his presentation can be found on the NuPECC Indico site.

## **6. News from APPEC**

Teresa Montaruli reports on the activities of APPEC; her presentation can be found on the NuPECC Indico site.

## **7. ENSAR2**

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

## **8. ERINS**

Angela Bracco reports on the fate of the ERINS Proposal; her presentation can be found on the NuPECC Indico site. Angela Bracco and Muhsin Harakeh will write a related editorial for the next issue of Nuclear Physics News

## **9. STRONG2020**

Franck Sabatié reports for Barbara Erasmus on the activities of STRONG2020; her slides can be found on the NuPECC Indico site.

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

Karlheinz Langanke reports on the progress of FAIR/GSI; his presentation can be found on the NuPECC Indico site. All colleagues are strongly urged to support FAIR!

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

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

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

Ioan Ursu reports on the progress of ELI-NP; his presentation can be found on the NuPECC Indico site. [Comment???](#)

## **13. The EPIC Project at ISOLDE/CERN**

Gerda Neyens reports on the EPIC Project at ISOLDE/CERN; her presentation can be found on the NuPECC Indico site.

## **14. Budget**

Paul Greenlees presents the NuPECC Budget proposal for 2020; his presentation can be found on the NuPECC Indico site.

## **15. News from ANPhA**

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

## **16. Nuclear Physics in Hungary**

Gyuri Wolf reports on the situation of nuclear physics in Hungary; his presentation can be found on the NuPECC Indico site.

## 17. News from ESF

Nicolas Walter, the successor of Jean-Claude Worms as Chief Executive Officer, reports on the activities of ESF; his presentation can be found on the NuPECC Indico site.

## 18. News from ECT\*

Jochen Wambach reports on the activities of ECT\*; his presentation can be found on the NuPECC Indico site. The new members of the Scientific Board, Carlo Barbieri, Anna Corsi, Sandro Stringari and Urs Wiedemann, are confirmed unanimously.

## 19. PANS

Rolf-Dietmar Herzberg reports on the activities in PANS; his presentation can be found on the NuPECC Indico site.

Both the websites of PANS and NUPEX undergo continuous refurbishment; the pool of information on ongoing activities and contact persons clearly could use more input. Organisers of conferences supported by NuPECC should be urged to use the money mainly for outreach activities; this should be included in the call for 2021.

## 20. NPN

The planned meeting of the Editorial Board on September 20, 2019, in Hongkong was cancelled and held on October 16, 2019, in Orsay instead.

Vol. 30 No. 3 is planned as a “Special Issue” on nuclear physics facilities – existing and planned – in Asia; deadline will be June 15, 2020.

All NuPECC Members are encouraged to propose possible contributions, in particular for the field of hadron physics.

## 21. Special Report “Nuclear Physics in Everyday Life”

The Working Group - Joaquin Gomez Camacho, Marek Lewitowicz, Vladimir Wagner, Danas Ridikas and Sotiris Harissopulos - had several meetings and identified a list of topics and corresponding persons in charge:

- Introduction – *ML*
  - Radioactivity (natural radioactivity, cosmic rays, induced radioactivity)
  - Elements and nucleosynthesis
- Climate & Environment (Sun activity, heat in the Earth interior, ocean monitoring, wastewater treatment, mapping of groundwater resources, air pollution...) - *JGC*
- Energy (electric power generation) - *VW*
- Health (radioisotopes for therapy and diagnosis, hadrontherapy) - ...
- Everyday life products (sterilization, radiation processing, cross-linked coatings, materials modification,...) - *DR*
- Space and communication
- Food (and agriculture) - *DR*
- (Cultural) heritage - *ML*
- Forensics - *DR*

Marek Lewitowicz's presentation can be found on the NuPECC Indico site.

## 22. Application by MYRRHA for Institutional Membership

NuPECC unanimously approves the application of MYRRHA for Institutional Membership; Marek Lewitowicz will send the corresponding letter.

### **23. Place, Time and Topics of Next Meetings**

The next meetings of NuPECC will be held on

March 6-7, 2020, in Valencia  
June 5-6, 2020, in Jyväskylä  
October 16-17, 2020, in Venice

In 2022 a NuPECC Meeting in Cape Town could be envisaged in connection with the International Nuclear Physics Conference to be held there.

#### **Proposed topics for next meetings**

- High-performance computing (HPC), big data handling and sharing in Nuclear Physics
- FP9 and research infrastructures (presentation from EC)
- June 2020: election of the NuPECC Chair

### **24. AoB**

No other business.

München, November 15, 2019



(Gabriele - Elisabeth Körner)