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
Vladimir 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)
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1. Approval of the Agenda
The accepted agenda is given on page 2.

2. Apologies for Absence
Eduardo Alves, Faïçal Azaiez (iThemba), Sotirios Charisopulos, 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, Stanislav 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.

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)