

Minutes
of the Ninety-Seventh Meeting of the
Nuclear Physics European Collaboration Committee (NuPECC)
held in Valencia on March 6 and 7, 2020

Participants: Jens Jørgen **Gaardhøje**
Paolo **Giubellino** (FAIR)
Andreas **Görgen**
Joaquin **Gomez Camacho**
Tord **Johansson**
Nasser **Kalantar – Nayestanaki**
Gabriele - Elisabeth **Körner** (Scientific Secretary)
Marek **Lewitowicz** (Chair) (SPIRAL2)
Eugenio **Nappi**
Lucia **Popescu** (MYRRHA)
Boris **Sharkov** (JINR)
Vladimír **Wagner**
Nicolas **Walter** (ESF)
Jochen **Wambach** (ECT*)
Eberhard **Widmann** (Deputy Chair)
György **Wolf**

Remote: Navin **Alahari**, Teresa **Montaruli** (APPEC), Adam **Maj** and Weiping **Liu** (ANPhA)

Guests: Carlo **Guaraldo** (STRONG2020), Tim **Hallman** (DOE), Muhsin N. **Harakeh** (ENSAR2) and Angel **Ibarra** (IFMIF-DONES)

Remote Guests: Thierry **Stora** (PRISMAP) and Itzhak **Tserruya** (Israel)

Indico: <https://indico.ph.tum.de/event/4425/> (nupecc_val)

Agenda

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1. Approval of the Agenda

The accepted agenda is given on page 2.

2. Apologies for Absence

Eduardo Alves, **Faiçal Azaiez** (iThemba), **Angela Bracco**, **Sotirios Charisopoulos**, **Hideto En'yo** (RIKEN), **Paul Greenlees**, **Michel Guidal**, **David Hertzog** (NSAC), **Rolf-Dietmar Herzberg**, **Jorgen D'Hondt** (ECFA), **David Ireland**, **Rituparna Kanungo** (CINP), **Bernd Krusche**, **Karlheinz Langanke**, **Ulf-G. Meißner**, **Gerda Neyens**, **Danas Ridikas** (IAEA), **Franck Sabatié**, **Raimond Snellings**, **Hans Ströher**, **Calin Ur** (EPS/NPB), **Ioan Ursu** and **Martin Venhart**.

3. Minutes of the Previous Meeting

The minutes of the ninety-sixth meeting held in Orsay on October 17, 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 MYRRHA, Lucia Popescu and thanks all those present for attending in spite of the Corona Crisis.

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

- **NuPECC Task Force meetings**
The last one was held in Madrid with representatives from the Spanish government and funding agencies; agenda, participants, and all presentations can be found in the Members' Area of the NuPECC Website. The discussion was very positive; Marek Lewitowicz mentioned the missing financial contribution of Spain to ECT*. The next Task Force Meeting is planned in Finland in connection with the next NuPECC Meeting.
- **Review of NuPECC**
The periodic review will be organized by ESF; a panel of 4 experts (3 European, 1 international) will evaluate the work of NuPECC based on a self evaluation and interviews with the present and past Chair. The Terms of Reference for the panel and the Guidelines for the self-evaluation report can be found in the Members' Area of the NuPECC Website. The report will be prepared by Marek Lewitowicz and Angela Bracco and is due by the end of April; the interviews will be held at the next NuPECC Meeting in Jyväskylä on June 5 and 6, 2020. The NuPECC Members will be asked by ESF to propose candidates for the review panel and are urged to make use of this occasion!
- **Joint ECFA-APPEC-NuPECC actions**
are also discussed under point 9 of the agenda.
For the joint WG "Recognition of individual achievements in large collaborations" Eberhard Widmann proposes to distill some simple guidelines for collaborations.
- **Contacts with candidates for new members**
Israel presents its application for Associate Membership at the next this meeting; new candidates are IFMIF-DONES and Bulgaria.
- **Support actions and lobbying**
The new initiative LERIB (League of the European (ISOL AND In-Flight) RIB facilities) is seen critically by some NuPECC Members; it is not clear whether it will be an operational body under NuPECC or undermine the role of NuPECC; the structure of the other communities with similar bodies – neutron and photon sources – is different.

NuPECC will join the International Year of Basic Sciences for Sustainable Development 2022 as a partner organisation.

5. News from ANPhA

Weiping Liu, the new Chair of ANPhA, reports remotely on the activities of ANPhA; his presentation can be found on the NuPECC Indico site. Vol. 30 No. 3 of Nuclear Physics News will be dedicated to nuclear physics facilities in Asia.

6. News from FAIR/GSI

Paolo Giubellino reports on the progress of FAIR/GSI; his presentation can be found on the NuPECC Indico site.

7. News from ECT*

Jochen Wambach reports on the activities of ECT*; his presentation can be found on the NuPECC Indico site. The question if students get academic credits for the doctoral programme depends on the organiser.

8. PRISMAS-MAP – a New H2020 Integrated Activity

Thierry Stora reports remotely on this new Integrated Activity, now called PRISMAP; his presentation can be found on the NuPECC Indico site. Marek Lewitowicz will send a letter of support from NuPECC.

9. News from APPEC

Teresa Montaruli reports remotely on the activities of APPEC; her presentation can be found on the NuPECC Indico site. The lists of collaborations and conferences for the Diversity Charter have been established by the three committees; before any questions are asked, the manpower problem who is going to analyse the data needs to be solved. The Eols that have been received after JENAS should be followed up and advertised in the various institutions.

10. Application for Associate Membership by Israel

Itzhak Tserruya remotely presents the application of Israel for Associate Membership; his presentation can be found on the NuPECC Indico site. Since the number of NuPECC Members present is not sufficient for the quorum, approval of the application needs to be done by e-mail. Marek Lewitowicz will send out the corresponding message.

11. News from MYRRHA

Lucia Popescu reports on the status of MYRRHA; her presentation can be found on the NuPECC Indico site. Collaboration with SPIRAL2 and SPES should be encouraged.

12. IFMIF-DONES Project

Angel Ibarra reports on the IFMIF-DONES Project; his presentation can be found on the NuPECC Indico site. Connection to NuPECC is already established through Adam Maj; communication with the nuclear physics community in Spain apparently could be improved and a meeting organised before the end of the year.

13. News from GANIL-SPIRAL2

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

14. ENSAR2

Muhsin N. Harakeh reports on the activities of ENSAR2; his presentation can be found on the NuPECC Indico site. With respect to the often asked question about added value, in the TNAs people can participate in experiments who could not afford the travel otherwise, in the JRAs young people are hired as a next step in their career; within the JRA in theory already 60 publications have been prepared. Muhsin N. Harakeh will provide concrete numbers at the next NuPECC Meeting after the end of the project.

15. STRONG2020

Carlo Guaraldo reports on the activities of STRONG2020; his slides can be found on the NuPECC Indico site.

16. News from JINR

Boris Sharkov reports on the activities at JINR; his presentation can be found on the NuPECC Indico site.

17. News from NSAC and the EIC

Tim Hallman reports on NSAC and the EIC; his presentation can be found on the NuPECC Indico site.

18. European View on the EIC

Eugenio Nappi presents the European view on the EIC; his presentation can be found on the NuPECC Indico site.

The importance of this field has been stressed already in the NuPECC Long Range Plan; there is quite some European involvement already, mainly from the groups active at JLab. With CD0 and the site decision just taken, the project is still in a very early stage. Many accelerator physicists are involved in the European projects ESS, HL-LHC, ELI, FAIR etc.; collaboration for (2) detectors could be envisaged when a call for proposals will be out.

19. Search Committee for the new NuPECC Chair

Marek Lewitowicz proposes Brian Fulton (Chair), Eugenio Nappi and Jochen Wambach as members of the search committee; NuPECC unanimously approves this proposal. According to the Terms of Reference of NuPECC, the search committee will now “consults with all members of NuPECC about their own availability and/or suggestions of candidates for the post, not excluding the present chair” and “presents a list of three candidates at most, who appear to have wide support of NuPECC members” – more details can be found in the NuPECC Terms of Reference under <http://www.nupecc.org/?display=misc/tor>. Accordingly, the “NuPECC Secretary will circulate the candidate list among the NuPECC members at least two weeks before the second meeting (June meeting) of NuPECC”. The election of the new chair will take place at the next NuPECC Meeting in Jyväskylä on June 5 and 6, 2020.

20. News from the WG on Diversity

Nasser Kalantar-Nayestanaki reports on the Working Group on Diversity – see also point 9 of the agenda. The analysis of the data could be a diploma work of a student in social sciences; maybe one of the NuPECC Members knows a colleague in that field who could do that. Nasser Kalantar gets the mandate from NuPECC to continue his work in the Working Group.

21. PANS

Gabriele-Elisabeth Körner reminds the NuPECC Members to contribute to the list of PANS Initiatives in their countries / institutions on the PANS Website - see <http://www.nupecc.org/pans/>.

The proposal of Rolf-Dietmar Herzberg concerning master classes in nuclear physics will be discussed at the next NuPECC Meeting.

22. NPN

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. The next meeting of the Editorial Board will be held on June 7, 2020, in Valencia, right after the NuPECC Meeting; all NuPECC Members are encouraged to propose possible contributions, in particular for the field of hadron physics.

23. Budget

Marek Lewitowicz presents the NuPECC Budget proposal for 2020 for Paul Greenlees; his presentation can be found on the NuPECC Indico site. Major items are the new special report “Nuclear Physics in Everyday Life” and a contribution to the “International Year of Basic Sciences for Sustainable Development 2022” – see point 4 of the agenda.

24. Place, Time and Topics of Next Meetings

The next meetings of NuPECC will be held on

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
 Invitation for a presentation from Giovanni Lamanna, the coordinator of the H2020 ESCAPE project
- FP9 and research infrastructures (presentation from EC)

25. AoB

No other business.

München, March 27, 2020



(Gabriele - Elisabeth Körner)