

Minutes
of the Eighty-Fourth Meeting of the
Nuclear Physics European Collaboration Committee (NuPECC)
held in Caen on October 9 and 10, 2015

Participants:

Nicolas **Alamanos**
Eduardo **Alves**
Faiçal **Azaiez**
Maria José Garcia **Borge**
Angela **Bracco** (Chair)
Jan **Dobeš**
Jens Jørgen **Gaardhøje**
Don **Geesaman** (NSAC)
Mikhail **Itkis** (JINR)
Tord **Johansson**
Ari **Jokinen**
Gabriele – Elisabeth **Körner** (Scientific Secretary)
Bernd **Krusche**
Karlheinz **Langanke**
Marek **Lewitowicz** (SPIRAL2)
Adam **Maj**
Alex **Murphy**
Eugenio **Nappi**
Paul **Nolan**
Boris **Sharkov**
Calin **Ur** (EPS/NPB)
Ioan **Ursu**
Jochen **Wambach**
Wolfram **Weise** (ECT*)
Jean-Claude **Worms** (ESF)

Guests: Carlo **Guaraldo**, Muhsin N. **Harakeh**

Agenda

1. Approval of agenda
2. Apologies for absence
3. Minutes of previous meeting
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5. ECT*
6. NPB/EPS
7. FAIR
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9. ENSAR2
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1. Approval of the Agenda

The accepted agenda is given on page 2.

2. Apologies for Absence

Pierre **Descouvement**, Jens **Dilling** (Canada), Sotirios **Harissopulos**, Klaus **Jungmann**, Matko **Milin**, Dong-Pil **Min** (ANPhA), Joakim **Nystrand**, Christelle **Roy**, Raimond **Snellings**, Hans **Ströher**, Eberhard **Widmann** and György **Wolf** could not attend.

3. Minutes of the Previous Meeting

The minutes of the eighty-third meeting held in Basel on June 12 and 13, 2015, are agreed upon with the following change: “Muhsin N. Harakeh” will be listed as “Guest” on the cover page. With this change, they will be put on the NuPECC Website.

4. ESF

Jean-Claude Worms reports on the activities of ESF; his presentation can be found on the NuPECC Website. NuPECC agrees to the proposed increase of the management fee for ESF from 7.5 % to 8 %.

5. ECT*

Wolfram Weise reports on ongoing activities of ECT*; his presentation can be found on the NuPECC Website. NuPECC approves the nominations of Omar Benhar (Rome) and Geert Aarts (Swansea) replacing François Gélis (Saclay) and Maria Paola Lombardo (Frascati) as members of the Scientific Board.

6. EPS/NPB

Calin Ur, the new representative of EPS/NPB, will give a report at the next meeting. Angela Bracco wrote an article on the NuPECC Report “Nuclear Physics for Medicine” for EPS News.

7. FAIR + GSI

Boris Sharkov reports on the status of FAIR; his presentation can be found on the NuPECC Website. He thanks NuPECC for the letter that Angela Bracco sent to Dr. Georg Schütte, expressing strong support for all four pillars of FAIR.

Karlheinz Langanke reports on GSI; his presentation can be found on the NuPECC Website.

8. SPIRAL2 + EURISOL-DF

NuPECC visited SPIRAL2, thus Marek Lewitowicz only reports on the proposed EURISOL Distributed Facility; his presentation can be found on the NuPECC Website.

9. ENSAR2

Muhsin Harakeh reports on ENSAR2; his presentation can be found on the NuPECC Website. The official start of ENSAR2 was October 1, 2015.

10. HadronPhysicsHorizon

Carlo Guaraldo reports on the reapplication of HPH; his presentation can be found on the NuPECC Website. The new proposal must be submitted by March 30, 2016.

11. Nuclear Physics News

The 100th issue of Nuclear Physics News has been published! The Editorial Board will meet on October 10, 2015, right after the NuPECC Meeting.

12. PANS

Now that ENSAR2 has started, Gyuri Wolf will reconsider his project to improve the PANS website.

13. Budget

Jens Jørgen Gaardhøje shows the latest budget compilation; provisions have been made for the anticipated expenses for the Long range Plan.

14. NSAC

Don Geesaman reports on the activities of NSAC; his presentation can be found on the NuPECC Website.

15. NuPECC Long Range Plan

At the last meeting in Basel, specific tasks for NuPECC members were decided:

General and relations with LRP in other fields: Jens Jørgen Gaardhøje

Relations with EU, IUPAP, NSAC, etc...: Angela Bracco

Infrastructures: Marek Lewitowicz and Boris Sharkov (large) – M. Itkis (Dubna) and Sotirios Harissopoulos (small)

Theory: Gyuri Wolf, Jochen Wambach

Education and training: Paul Nolan

Town Meeting: Karlheinz Langanke

The 6 chapters to be prepared by the working groups of experts lead by a convener and closely followed by 3 NuPECC liasons are:

1- Hadron Physics: Bernd Krusche, Eberhard Widmann, Tord Johansson

2- Properties of strong-interaction matter: Christelle Roy, Raimond Snellings, Eugenio Nappi

3- Nuclear Structure and Reaction Dynamics: Faiçal Azaiez, Adam Maj, Ari Jokinen

4- Nuclear Astrophysics: Pierre Descouvemont, Maria Borge, Alex Murphy

5- Symmetries and Fundamental Interaction: Joakim Nystrand, Hans Ströher, Matko Milin

6- Applications and societal benefits: Ioan Ursu, Jan Dobes, Nicolas Alamanos

The NuPECC Liaison Members for the 6 WGs have decided one responsible among themselves; the contact person is underlined. The contact person has to be considered as a member of the editorial steering committee and thus has to examine in detail all chapters to deal with overlaps of topics and with items at the interface between two or more chapters.

Angela Bracco and the contact members (Eberhard Widmann in the case of WG5) had several interactions by skype and e-mail and came up with suggestions for conveners to be decided at the meeting. NuPECC decides that two conveners should be nominated for each working group, not only WG3 and WG6. After intense discussion, NuPECC decides to nominate the following conveners:

1- Diego Bettoni (Ferrara) + Hartmut Wittig (Mainz)

2- Silvia Masciocchi (GSI Darmstadt) + François Gélis (CEA Saclay)

3- John Simpson (Daresbury) + Elias Khan (Orsay)

4- Gabriel Martinez Pinedo (TU Darmstadt) + Alison Laird (York)

5- Klaus Kirch (PSI Villigen) + Klaus Blaum (MPI Heidelberg)

6- Marco Durante (TIFPA Trento / GSI Darmstadt) + Alain Letourneau (CEA Saclay)

The appointed conveners will be asked, whether they are willing to accept the task.

The NuPECC Members provided names for the members of the WGs; the compilation was balanced as much as possible concerning expertise and countries, was discussed at the meeting, some missing options identified and added.

Angela Bracco together with the NuPECC contacts will finalise the list and ask the potential members, if they are ready to contribute.

All NuPECC Members can provide input at any time; Gyuri Wolf (WG2), Karlheinz Langanke (WG4) and Eduardo Alves (WG6) expressed their intention to do so.

NuPECC decides that another day of discussion is needed, therefore a strategy meeting will be held on January 16, 2016, in Darmstadt. All NuPECC Members are strongly urged to participate!

This leads to the following schedule:

January 2016: NuPECC Strategy Meeting

March 2016: Status of the work presented by the liaisons at the NuPECC meeting

June 2016: Status of the work presented at the NuPECC meeting by the conveners

September 2016: Final Draft of the Volume by the end of the month. Each chapter should have its own recommendations.

October 2016: Discussion of Final Draft + Draft Recommendation at the NuPECC meeting

November 2016: Final Draft + Draft Recommendation to be put on the NuPECC Website

January 2017: Town Meeting (soon we have to fix the dates).

March 2017: Finalisation at the March NuPECC meeting.

Note: *The working groups will have to organise themselves on how to produce their work.*

The NuPECC liaisons should follow the work of the working groups.

These working group members and the NuPECC liaisons (and other interested NuPECC members) can meet via skype. Also face to face meetings could be organized (for example more than one working group at the same place in 1-2 days in a row; here especially WG3 and WG4 should join efforts).

ECT offers its infrastructure with a meeting room for approximately 50 persons basically available at any time (after asking the director and agreeing with him). In case you need to use the large room this has to be planned with the director much ahead of time and depends on the availability (namely this could be only for the days not yet given for the ECT* workshops).*

The cost of the travel and local accommodation in Trento will be on your charge but ECT will take care that for Hotels and restaurants you will pay the same reduced special prices of the other ECT* workshops.*

17. NuPECC Brochure “Light to Reveal the Heart of Matter” – Dissemination

The final version was printed beginning of May; 100 copies were available at the last meeting in Basel; Ioan Ursu sent 100 copies to each NuPECC Member; 100 copies will be sent to Byungsik Hong for ANPhA. NuPECC thanks ELI-NP for their support in the production and dissemination of the brochure.

18. NuPECC Mailing Lists

All NuPECC Members who have not done so yet are asked to check and improve the list for their country.

19. AoB

No other business.

20. Next Meetings

The next meetings of NuPECC will be held on

January 15 and 16, 2016, in Darmstadt

March 11 and 12, 2016, at ECT* Trento

June 17 and 18, 2016, in Uppsala and

October 7 and 8, 2016, in Croatia / Amsterdam / Vienna

München, November 10, 2015



(Gabriele - Elisabeth Körner)