

Minutes
of the Sixtieth Meeting of the Nuclear Physics European Collaboration Committee
(NuPECC)

held on October 27 / 28, 2007, in Bucharest

Participants:

- C. Amsler
- J. – P. Blaizot
- A. Bracco
- J. Dobeš
- B. Fulton (Chairman)
- D. Goutte
- D. Guillemaud – Mueller
- M.N. Harakeh
- S. Harissopulos
- P. - H. Heenen
- R. Julin
- G. - E. Körner (Scientific Secretary)
- A. Krasznahorkay
- G. Rosner
- H. Stöcker
- J. Styczeń
- V. Zamfir

T. Bressani, P. Bressler (ESF), R. Čaplar, A. Eiró, J. J. Gaardhøje, H. - Å. Gustafsson, B. Haas, J. Kvasil (EPS/NPB), T. Peitzmann, A. Poves, D. Röhrich, H. Ströher, J. Wambach and E. Widmann could not attend.

Agenda

- 1) Opening of the meeting
- 2) Fixing the agenda
- 3) Minutes of the Last Meeting
- 4) Report of the Chairman
- 5) ESF
- 6) ECT*
- 7) NuPECC Budget
- 8) Nuclear Physics News
- 9) PANS
- 10) NuPECC Survey 2006
- 11) ECOS
- 12) Small Scale Facilities
- 13) Report on NSAC
- 14) Discussion on the timeframe for a new LRP
- 15) Nuclear Physics in FP6 and FP7
 - Report on EURONS plus status of new I3 bid
 - Report on I3HadronPhysics plus status of new I3 bid
 - Report on EURISOL Design Study and plans for FP7
 - Status of FAIR and SPIRAL-2
 - NuPNET update
- 16) Procedure for election of new Chair
- 17) Miscellaneous
 - EPS/NPB
 - ESFRI
 - ECFA and CERN Council Strategy Group
 - OECD - GSF
 - IUPAP C12
 - Data Evaluation
- 18) Meetings in 2008

1. Opening of the meeting

NuPECC visits the Horia Hulubei National Institute of Physics and Nuclear Engineering in Bucharest-Magurele. Presentations are given on various nuclear physics activities in Romania. The files of all the presentations can be found on the NuPECC website under <http://www.nupecc.org/presentations>.

B. Fulton welcomes the new members A. Bracco and H. Stöcker; on behalf of NuPECC he will send a letter of thanks to G. Fortuna and W. Henning.

2. Fixing the agenda

The accepted agenda is given on page 2.

3. Minutes of the last meeting

The minutes of the fifty-ninth meeting held on June 22 / 23, 2007, in München, are agreed upon with the following changes: on page 3 under point 2 “item” has to be replaced by “items”; on page 4 and 5 under points 5, 8 and 9 the correct URL <http://www.nupecc.org/presentations> has to be given; on page 5 after point 11 there has to be added “**12. ISOLDE – Status and Future Plans** P. Butler reports on the status and future plans of ISOLDE; his presentation can be found on the NuPECC website under <http://www.nupecc.org/presentations>.” and consequently points 12, 13, 14, and 15 have to be changed into points 13, 14, 15, and 16; on page 5 under point 12 (now 13) 4th paragraph “G.” has to be replaced by “C.”; on page 6 under point 12 (now 13) 3rd paragraph “GANIL PAC” has to be replaced by “SPIRAL2 SAC” and “funded” by “requested”; on page 6 under point 14 (now 15) 4th paragraph “at” has to be replaced by “in”; on page 7 under point 14 (now 15) “they are all” has to be replaced by “almost all of them are”. With these modifications the minutes will be put on the NuPECC Website under <http://www.nupecc.org/communications> as they are.

4. Report of the chairman

Since the last meeting, on behalf of NuPECC B. Fulton has:

- with the help of the small group set up for this purpose (P.-H. Heenen, V. Zamfir and G. Fortuna) assisted the EURONS management and community to establish mechanisms to appoint a steering committee for EURONS-2 and to enable the community to self-organise a reduction in the number of bids. This was successfully brought to a conclusion at the EURONS/EURISOL Town Meeting in Helsinki.
- attended the above Town meeting (17-20 September).
- participated in a small working group to help ECT* in arrangements for the appointing the new Director, in planning for FP7 and in finding ways to guarantee payments from the research funding agencies in the smaller countries.
- attended a meeting at Trento for the above (28-29 August).
- attended an ECT* Board meeting at Trento (6 October).
- wrote to the FBK to confirm the NuPECC nomination of two new Board members for ECT*, P. Haensel (Nicolaus Copernicus Astronomical Center, Warsaw) and S. Hands (University of Swansea).
- formally confirmed the NuPECC nomination of T. Bressani as a member of the NPN Editorial Board.

- continued to work on the issue of Data Evaluation, corresponding with A. Nichols (IAEA) and others. Outcomes are (1) a presentation at the EURONS/EURISOL Town Meeting by J. Tuli and (2) an article for NPN on the problem and (3) an approach to NuPNET to raise this issue.
- attended a meeting of the ESF for Chairs of Standing Committees and Expert Boards at Zurich (2 July).

Forthcoming work is:

- to represent NuPECC at the final meeting of the OECD Global Science Forum Working Group on Nuclear Physics in Paris (5-6 November). I have drafted the introductory section for the report and also provided the section on personnel.
- to attend the ESF Assembly in Strasbourg (28-30 November) and represent NuPECC in a meeting between the CEO and the Chairs of Boards and Expert Committees.

5. ESF

No report is given on present ESF activities.

B. Fulton will attend the meeting of the General Assembly; the Status Report of NuPECC is enclosed. G.-E. Körner is asked to add a sentence on the Workshop on Small Scale Facilities (see also point 12) as a success story.

6. ECT*

J.-P. Blaizot reports on the funding situation. Again, he encourages the NuPECC Members to help improve funding from their countries. S. Harissopulos and V. Zamfir suggest that he writes a letter to the Greek and Romanian funding agencies.

7. NuPECC Budget

S. Harissopulos presents the budget for 2007; a copy of his papers is enclosed with the minutes. Together with B. Fulton and P.-H. Heenen he will look into additional options to use available funds such as a prize for the best PhD thesis or support for meetings.

8. Nuclear Physics News

The next meeting of the Editorial Board will be held on October 27, 2008, right after the NuPECC Meeting.

The NuPECC Members are asked to continue to contribute proposals for articles.

9. PANS

The application for the exhibition on “Nuclear Science and Cultural Heritage” by the PANSART group chaired by C. Leclerq-Willain was well accepted by the Commission in terms of contents and interest, but was turned down due to insufficient management and organisation. The Steering Group (C. Leclerq-Willain, A. Eiró, S. Harissopulos, A. Pascolini and I. Reiche) will resubmit a new improved proposal for the next call. This will be discussed at a meeting of the participants in Ittre, Belgium, on November 16 to 18, 2007. NuPECC agrees to allocate up to 10 k€ for the preparation of the new proposal. EPS/NPB will contribute 500 €.

A draft of the deliverable of the PANSI3 initiative, a folder for the public on highlights and activities of EURONS, was sent to the participating institutions by H. Leeb; it will be finalised and published by the end of the year.

10. NuPECC Survey 2006

A draft of the report on the NuPECC Survey 2006 was distributed to all NuPECC Members. No direct comparison of the distribution in subfields by merging should be made; Chart 10 will be replaced by two separate charts for the 1997 and 2006 data, and the text under points 4 and 5 changed accordingly. The revised report will be published on the NuPECC Website under <http://www.nupecc.org/pub>. The community will be informed via the new mailing list, i.e. no information will go to Greece, Italy, Norway, Portugal and Romania. The corresponding NuPECC Members are asked to provide G.-E. Körner with their lists.

11. ECOS

The ECOS Report has been printed and sent out and also published on the NuPECC Website under <http://www.nupecc.org/pub>. More copies are available from R. Julin.

The ECOS Working Group will continue its work within EURONS2.

12. Small Scale Facilities

The workshop held on September 7 and 8, 2007, on Crete, was a success; it provided a clearer picture of the SSFs in Europe and created new contacts. All contributions are available on the NuPECC Website under <http://www.nupecc.org/ssf/Welcome.html>. A few facilities led by Rossendorf will apply for an I3 in FP7; S. Harissopulos will seek and distribute more information.

J. Dobeš, S. Harissopulos, A. Krasznahorkay, J. Styczeń and V. Zamfir are asked to prepare a 1-page summary on the achievements for the next NuPECC Meeting where further actions will be discussed.

13. Report on NSAC

R. Tribble reports on the new Long Range Plan from NSAC; his presentation can be found on the NuPECC website under <http://www.nupecc.org/presentations>.

14. Discussion on the timeframe for a new LRP

There is a clear consensus that there had been no paradigm shifts in the field since the last NuPECC LRP in 2004, which had focused on the next decade. Moreover, many of the facilities advocated for support in the report (ALICE, FAIR, SPIRAL-2) are now either just starting operation or construction, so the plan is still on track. Therefore the conclusion is that there is no case for starting a new LRP at this stage. NuPECC will re-visit this again next year.

However there is considerable discussion on the new scientific opportunities which are emerging in the context of the various EIC proposals. A working group is set up which is to be chaired by G. Rosner with the charge to produce a report outlining:

1. The science possibilities
2. The interest among European groups
3. Possible links with proposals outside Europe

G. Rosner and B. Fulton are asked to approach colleagues from the hadron community to participate. The Working Group should make an interim report to the next NuPECC Meeting in March, with a full report next June. Since this issue is of common interest to both NuPECC and NSAC, R. Tribble should be asked to suggest who in the USA would be a suitable point of contact for G. Rosner.

15. Nuclear Physics in FP6 and FP7

- The NuPECC Advisory Group (B. Fulton, A.C. Mueller, G. Fortuna, P.-H. Heenen and V. Zamfir) gave recommendations to the community as to i) what a sensible number of TNA, JRA and Network bids would be, ii) what sort of size (money) these should be and iii) which JRAs and Networks might consider merging. At the EURONS/EURISOL Town Meeting in Helsinki on September 17 – 21, 2007, one day was dedicated to the presentation of the revised applications. M.N. Harakeh was chosen as the Co-ordinator for the new bid; his report can be found on the NuPECC website under <http://www.nupecc.org/presentations>.

- C. Guaraldo reports on the achievements of the HadronPhysics I3 and the new application HadronPhysics2; his presentation can be found on the NuPECC website under <http://www.nupecc.org/presentations>.

- The future of EURISOL was discussed at the Helsinki Town Meeting; the work should continue within EURONS2. The right time to get EURISOL on the ESFRI List as an “embryonic project” is under discussion.

- H. Stöcker reports on the status of FAIR; his presentation can be found on the NuPECC website under <http://www.nupecc.org/presentations>. The FAIR Start Event is scheduled for November 7, 2007.

- The NuPNET proposal has been accepted with a slight reduction of the budget; contract negotiations are under way in order to start on January 1, 2008. S. Galès will be invited to report at the next NuPECC Meeting.

16. Procedure for election of new Chair

The draft prepared by M.N. Harakeh has been circulated among the NuPECC Members; the final version is enclosed with these minutes. M.N. Harakeh, G. Fortuna and D. Guillemaud-Mueller are thanked for their contribution.

17. Miscellaneous

- EPS/NPB: No report is given at this NuPECC Meeting. B. Fulton was informed by H. Freiesleben that M. Leino will be replaced by M. Lewitowicz on NuPECC and the Editorial Board of Nuclear Physics News; C. Leclercq-Willain will be replaced by Z. Fülöp on the PANS Board.

- ESFRI: The process for the update of the roadmap is well under way; new proposals have to be submitted by November 2007. The updated roadmap is supposed to be ready by September 2008

- ECFA: There are no new developments.

- OECD – GSF: The next and final (?) meeting will be held on November 5 and 6, 2007, in Paris.

- IUPAP C12: The IUPAP facilities brochure has been published; it can also be found at www.jlab.org/~sbrown. In a year from now, an update is planned.

- Data Evaluation: The community now has been alerted on the topic by a presentation from J. Tuli at the EURONS Town Meeting in Helsinki on September 19, 2007, and an article in Nuclear Physics News which will appear in December 2007. For further actions e.g. within NuPNET, A. Nichols will approach S. Galès.

18. Meetings in 2008

The next NuPECC meetings will be held

on March 7 and 8, 2008, in Madrid

on June 13 and 14, 2008, in Zagreb

on October 3 and 4, 2008 in Glasgow

München, November 26, 2007



(Gabriele - Elisabeth Körner)