Minutes

of the Fifty-Second Meeting of the Nuclear Physics European Collaboration Committee (NuPECC)

held on March 18 / 19, 2005, in Venezia

- T. Bressani
- J. Dobeš
- A. Eiró
- G. Fortuna
- B. Fulton
- D. Goutte
- D. Guillemaud Mueller
- B. Haas
- M.N. Harakeh (Chairman)
- P.-H. Heenen
- W. Henning
- R. Julin
- G.-E. Körner (Scientific Secretary)
- A. Krasznahorkay
- R. Lovas (EPS/NPB)
- K. Riisager
- D. Röhrich
- G. Rosner
- J. Styczen
- J. Wambach

C. Amsler, H.-Å. Gustafsson, H. Leeb, A. Poves, H. Ströher, G. van der Steenhoven and N. Williams (ESF) 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)	Budget 2005
6)	Nuclear Physics News
7)	PANS - NUPEX
8)	Stable Beam Facility
9)	Integrated Infrastructure Initiatives
10)	EURISOL Design Study
11)	GSI Design Study and Status of FAIR
12)	NuPECC Handbook 2004
13)	Meeting with Funding Agencies, Preparation of FP7
14)	Search Committee New Chairman
15)	Miscellaneous - ECT* - EPS/NPB - Plans for Central Europe - Survey - NSAC New Charge
16)	Next meeting(s)

1. Opening of the meeting

Presentations are given on various nuclear physics activities in Italy; the programme of the presentations is enclosed with the minutes. The files of the presentations can be found on the NuPECC website under http://www.nupecc.org/presentations.

2. Fixing the agenda

The accepted agenda is given on page 2; points 8 and 9 are treated on Saturday.

3. Minutes of the last meeting

The minutes of the fifty-first meeting held on November 12 and 13, 2004, in Lisboa, are agreed upon with the following changes: on page 3, point 4, second paragraph, last line, "replacing" has to be replaced by "representing; on page 3, point 4, third paragraph, last line, "succeed" has to be replaced by "replace"; on page 5, point 5, second paragraph, "application procedures" has to be replaced by "application and in particular implementation procedures".

4. Report of the chairman

- "- First of all I would like to apologise for not having been able to attend the last NuPECC meeting in Lisbon on 12-13 November 2004.
- Welcome to J. Wambach as new NuPECC member (who could not attend last meeting), to J.-P. Blaizot as Director of ECT*; Welcome to P.-H. Heenen who succeeded M. Huyse, J. Styczen who succeeded J. Jastrzebski and D. Röhrich who succeeded G. Løvhøiden. Welcome to future Greece representative in NuPECC S. Harissopulos, who is now attending as an observer. He worked hard in the last two years and finally made decisive progress to get Greece into NuPECC. Greece will officially join NuPECC after this meeting. Welcome also to R. Lovas as representative of NPB/EPS. ESF has not appointed a successor to Neil Williams yet who should act as new representative of PESC (Physics and Engineering Standing Committee), ESF in NuPECC.
- R. Caplar is also making progress but there is no clear date for Croatia to join NuPECC.
- We had a meeting with the funding agencies on 29 November 2004 at CNRS in Paris. A very positive meeting with the representatives of the funding agencies from: Belgium, Finland, France, Germany, Italy, Poland, Spain, United Kingdom, ESF and EU Commission. Need to meet more regularly to discuss standing issues. Minutes have been distributed by regular post.
- Sent a letter to European Commission on NuPECC's position w.r.t. the creation of a European Research Council. Copy of letter distributed by regular post.
- Sent to European Commission and ESFRI the recommendations and priorities of NuPECC with the roadmap for the coming 10-20 years. A copy was sent to you; it can also be downloaded from the NuPECC Website http://www.nupecc.org NuPECC will be involved in the ERANET of the EU on Nuclear Physics. This will be discussed under point 13 of the agenda.
- Represented NuPECC at EURONS meeting on 7 and 8 February and FINUPHY on 9 February in Madeira and gave a report on LRP and Roadmap and plans of EC w.r.t. FP7 and RI's.
- Attended the meeting of ECT* Board on 26 February. Jean-Paul Blaizot will report on activities under point 15 of the agenda.

- Attended an ESF meeting in Strasbourg on 3 March. B. Andersson and J. Marks discussed with the Chairs of ESF Standing and Expert Committees. A copy of the subsequent ESF Report on the role of research councils is enclosed with these minutes. The main item was the future strategy for ESF. Here, Instruments of ESF (workshops, EURYI, etc.) and ERC were main topics. For NuPECC it is important to know that ESF wants input from their committees for their strategic plan. I quote:

"(Multi)disciplinary perspectives with implications for ESF

To be drafted with inputs from the Standing Committees and Expert Committees. This section will outline scientific developments in broad disciplinary areas which should have implications for the activities and priorities of ESF. Where can and should ESF make a real difference, in comparison with the commission and national efforts. This section will include priorities in addition to visions."

- 1-1½ pages on: our LRP can be a good start: Transition from non-perturbative to perturbative regime (understanding confinement); Hadronic structure; QGP; Physics beyond the Standard Model; Nuclear structure at extremes of N/Z; Understanding astronomical phenomena through nuclear and particle astrophysics.
- Organising a meeting with funding agencies of Britain, France, Germany, Italy, EC and NuPECC to coordinate actions towards an ERANET application see point 13 of the agenda.
- Received a telephone call from Editor of European Parliament Journal. Issue on nuclear energy. Wondered whether we want to present NuPECC. 600 words for €6000. Text should be delivered next week."

5. Budget 2005

B. Fulton presents the budget plan for 2005. A copy is enclosed.

The final budget for 2004 has not yet been approved by ESF; this will be reported on at the next NuPECC meeting.

Funds are allocated for the next ECOS meeting and for the next meeting with the funding agencies.

6. Nuclear Physics News

The minutes of the last meeting of the Editorial Board held on November 14, 2004, are enclosed. The next meeting will be held on July 11, 2005, in Vancouver.

EPS has not paid its contribution for 2003. NuPECC approves the proposal to remove "EPS/NPB" from the cover.

As decided at the last NuPECC meeting and also at the meeting of the Editorial Board, a list of conferences, workshops, schools, meetings, etc. has be installed at the NuPECC Website http://www.nupecc.org. All NuPECC Members are encouraged to contribute to the (unachievable!) completeness of this list!.

The special edition for the World Year of Physics 2005 is in preparation and will come out as NPN 15.2 in June 2005.

7. PANS - NUPEX

G.-E. Körner reports on the progress of NUPEX. All the English modules are now installed on the NUPEX Website http://www.nupex.org. This is a good place where to direct students with "questions to the lab directors" to.

Contributions on the successfully running PANS activities NUPEX, PANSEXPO, PANSBOOK will be given in the special edition of Nuclear Physics News for the World year of Physics 2005, NPN 15.2.

Due to the unavailability of the Co-ordinator, H. Leeb, G.-E. Körner reported on PANSI3, the PANS activity within EURONS - see the enclosed description - at the EURONS PCC meeting in Madeira on February 7-8, 2005.

8. High Intensity Stable Beam Facility ECOS

A draft of the Working Group's report following the meeting in Jyväskylä on February 28 and March 1, 2005 was distributed before the meeting. F. Azaiez reports; his presentation can be found on the NuPECC website under http://www.nupecc.org/presentations.

By the end of April the draft will be shortened and polished; in particular a page on nuclear astrophysics should be added, provided by B. Fulton and S. Harissopulos in consultation with the CARINA Network in EURONS. More emphasis should be put on synergies with EURISOL, and a clear distinction should be made between the aims of stable and radioactive beams in the executive summary.

The next meeting of the Working Group will be held on May 27 and 28, 2005, in Paris. The report will then be submitted to NuPECC for its next meeting on June 24 and 25, 2005, in Debrecen.

9. Integrated Infrastructure Initiatives

A.C. Mueller reports on the status of EURONS; his presentation can be found on the NuPECC website under http://www.nupecc.org/presentations.

The question of a common certificate for users of European infrastructures is under discussion, but might be difficult in view of different national legislation.

Links with I3HP are ensured via the design studies; a common town meeting is envisaged for 2006.

G. Rosner reports on the status of I3HP. In spite of the official start of the project on January 1, 2004, the contract has been signed in summer 2004 and the money flow started in September 2004; positions were prefinanced by universities and labs. An annual report was delivered to the Commission in February 2005.

The NuPECC project in EURONS was presented by G.-E. Körner at the EURONS PCC meeting in Madeira on February 8 and 9, 2005.

10. EURISOL Design Study

G. Fortuna reports on the status of the EURISOL Design Study. His presentation can be found on the NuPECC website under http://www.nupecc.org/presentations.

11. GSI Design Study and Status of FAIR

W. Henning reports on the status of FAIR. His presentation can be found on the NuPECC website under http://www.nupecc.org/presentations.

12. NuPECC Handbook 2004

The 5th Edition of the NuPECC Handbook "International Access to Nuclear Physics Facilities in Europe" has been printed and is being sent out to the NuPECC Members and the nuclear physicists in Europe. It can also be downloaded from the NuPECC Website http://www.nupecc.org/pub.

13. Meeting with Funding Agencies, Preparation of FP7

Based on the discussions at the meeting with representatives from the funding agencies held on November 29, 2004, at IN2P3 / CNRS in Paris, NuPECC prepared its "Roadmap for Construction of Nuclear Physics Facilities in Europe". It can be found on the NuPECC Website http://www.nupecc.org The Roadmap was sent to the European Commission and the Chairman and Secretary of ESFRI. As a consequence two nuclear physics facilities are included in the "List of Opportunities" featuring the 2 research infrastructures that should be built in Europe with EC support in the next decade: FAIR and SPIRAL2. The List can be found on the ESFRI Website under http://www.cordis.lu/era/esfri home.htm.

The next meeting with representatives from Funding Agencies from France, Germany, Italy and UK as well as representatives of EC and ESF will be held on May 27, 2005, at IN2P3 in Paris in order to discuss an ERANET for nuclear physics (see e.g. http://www.cordis.lu/coordination/era-net.htm). G.-E. Körner will find out from the ESFRI Secretary J.-L. Picqué if NuPECC should be represented only by the Chairman or by a few additional members covering the whole range of nuclear physics. In the latter case, H.-Å. Gustafsson, T. Bressani, B. Fulton and R. Julin should attend the meeting as well.

The question of a European Facility in middle/eastern Europe is no issue at the moment. The nuclear astrophysics community should clarify its position towards a 5 MV accelerator underground; B. Fulton will take this to the next CARINA meeting; it will not be discussed in ERANET.

14. Search Committee for New Chairman

The question of a permanent Vice Chair is raised again. It is decided once and for all not to have a permanent Vice Chair. If necessary, the Chair will formally appoint an ad-hoc substitute with the full power of the Chair.

NuPECC appoints W. Henning, R. Julin and K. Riisager as members of the search committee for the next NuPECC Chairman. They will prepare a proposal for two or three candidates for the election at the next NuPECC meeting. G.-E. Körner will find out whether there are particular rules from the ESF in addition to the NuPECC Terms of Reference.

15. Miscellaneous

- ECT*: J.-P. Blaizot has taken over the Directorship on September 1, 2004; he reports on the activities of ECT* such as the successful postdoc campaign and the new TeraFlop computing facility being tested now. An article on it for Nuclear Physics News is in preparation. ECT* will develop a joint research professor position together with I3HP in order to attract visitors and support postdocs.

- ECFA: Due to the absence of G. van der Steenhoven no report is given on ECFA. B. Foster was not successful in establishing an exchange of observers; he will try to convince the next ECFA Chairman about the need for that.
- EPS/NPB: No meeting was held since the last NuPECC meeting; the next one will take place in mid-April.
- Plans for Central Europe: This topic is discussed by three different bodies at the moment: The joint working group of EPS/NPB together with the NuPECC members T. Bressani, J. Jastrzebski and A. Krasznahorkay which met on November 13, 2004, in Lisbon, right after the NuPECC Meeting; the EPS/NPB east-west task force and EWON, the east-west outreach network within EURONS. The project of a network of the facilities in Warsaw, Krakow, Prague, Debrecen and Bratislava has not been successful yet.
- Survey: In order to prepare a new survey on the resources for nuclear physics in Europe, a working group is formed; its members are B. Fulton (Chair), T. Bressani, G. Rosner and J. Wambach. First IUPAP should be contacted to get information about their efforts..
- NSAC: The President's budget in the US foresees an 8.4 % cut for nuclear physics: this has not only implications for the future project RIA, but also for the operation of the existing facilities RHIC and CEBAF. NSAC was charged to reassess its long-range plan under three different budget scenarios; a copy of the charge is enclosed.

16. Next meeting(s)

The next NuPECC meetings will be held

on June 24 and 25, 2005, in Debrecen and on November 18 and 19, 2005 in Groningen.

München, April 17, 2005

(Gabriele-Elisabeth Körner)