

Minutes

of the Forty-Eighth Meeting of the Nuclear Physics European Collaboration Committee (NuPECC)

held on December 5 / 6, 2003, in Frascati

Participants:

- Ch. Bargholtz
- T. Bressani
- J. Dobeš
- J. Durell
- G. Fortuna
- D. Goutte
- D. Guerreau
- D. Guillemaud – Mueller
- M. Harakeh (Chairman)
- W. Henning
- M. Huyse
- J. Jastrzebski
- R. Johnson (EPS/NPB)
- R. Julin
- G.-E. Körner (Scientific Secretary)
- A. Krasznahorkay
- H. Leeb
- G. Løvhøiden
- K. Riisager
- H. Ströher
- G. van der Steenhoven
- T. Walcher
- W. Weise (ECT*)
- N. Williams (ESF)

C. Amsler, A. Eiró, B. Fulton and M. Lozano 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.) Relation with ESF
- 6.) Budget 2003
- 7.) Nuclear Physics News
- 8.) PANS
- 9.) NuPECC Long Range Plan 2003
Stable Beam Facility
- 10.) FP6 Integrated Infrastructure Initiatives
- 11.) FP6 Design Studies
- 12.) Miscellaneous
 - ECT*
 - ECFA
 - EPS
 - NSAC
- 13.) Next meeting(s)

1. Opening of the meeting

Presentations of the situation of nuclear physics in Italy are given by E. Chiavassa for INFN, S. Bertolucci for LNF Frascati, C. Brogгинi for LNGS Gran Sasso, G. De Angelis for LNL Legnaro and E. Migneco for LNS Catania. All presentations can be found on the NuPECC website under <http://www.nupecc.org/presentations>.

2. Fixing the agenda

The agenda is accepted as such; due to time constraints point 10 is discussed after point 4.

3. Minutes of the last meeting

The minutes of the forty-seventh meeting held on June 27 and 28, 2003, in York are agreed upon with the following change: on page 3, point 2, 3rd paragraph, “henning” is to be replaced by “Henning”, and “Levitowicz” is to be replaced by “Lewitowicz”.

4. Report of the chairman

M.N. Harakeh welcomes the new member A. Krasznahorkay and the EPS-NPB representative R. Johnson.

M.N. Harakeh reports on his contact with S. Harissopoulos concerning membership of Greece and R. Čapljar concerning membership of Croatia. Some exchange has been made with the ESF, and both are expected to join NuPECC in a few months.

The European Strategic Forum for Research Infrastructures (ESFRI) had asked NuPECC for a comparative report on the GSI Future Facility and Spiral-II. A copy of this report is enclosed with the minutes.

M.N. Harakeh participated in the meeting of the PANS Board on July 18 to 20, 2003, in München, where the final report for the EU Project was prepared. A copy of this report is enclosed with the minutes.

M.N. Harakeh participated in the meeting of the EURISOL Steering Committee on October 2 and 3, 2003, in Legnaro; EURISOL will be discussed under point 11 of the agenda.

He also participated in the meeting of the ECT* Board of Directors on October 10, 2003, in Trento, in connection with a symposium celebrating 10 years of ECT*. ECT* will be discussed under point 12 of the agenda.

On October 18, 2003, NuPECC was reviewed by a panel chaired by R. Kamermans; presentations were given by M.N. Harakeh on NuPECC, D. Guerreau on “applications”, J. Vervier on FINUPHY and other EU projects, and G.-E. Körner on PANS. This will be discussed under point 5 of the agenda.

The Nuclear Physics Board of the EPS sent a letter to Commissioner Busquin concerning the situation of EURONS. Under point 10 of the agenda it will be discussed whether the present and two former Chairmen of NuPECC (S. Galès and J. Äystö) should write a similar letter.

5. Relation with ESF

The report from the review panel was only handed in end of the preceding week, and will go to the Executive Board of ESF in February. It is under embargo until then. The Chairman will be given an opportunity to comment. Only 6 of the 24 ESF Member Organisations represented in NuPECC have reacted to the request to comment on NuPECC. Better contacts should be established between the NuPECC members and the MOs, also in view of the problem with EURONS.

From January 1, 2004, B. Andersson, a biochemist from Lund, will succeed E. Banda as Secretary General (now Chief Executive) of ESF. A. Mayer will be replaced by J. March; the idea of having the NuPECC Long Range Plan published as a Forward Look by ESF will have to be still settled by A. Mayer before the end of the year.

Discussions with Greece and Croatia on a membership in NuPECC are progressing; the question discussed now is which organisation should join.

N. Williams reports on ongoing activities within ESF such as the co-ordination of EUROCORES and the signing of the contract for the COST action with the EU, and the fellowships for young researchers.

The budget of NuPECC is well in the black; this will be discussed under point 6 of the agenda.

G.-E. Körner reports on the Conference on Research Infrastructures in the European Research Area INFRA-ERA that was held in Trieste on November 21, 2003, in connection with a meeting of ESFRI where the GSI Future Facility and the DESY X-FEL in Hamburg were discussed. More information on and the programme of the conference can be found under <http://www.elettra.trieste.it/infraera2003/>

6. Budget 2003

B. Fulton could not attend the meeting, but prepared a transparency with the status of the budget; a copy of it is enclosed with the minutes.

NuPECC is asked to invoice the US, Canada and Japan for Nuclear Physics News in Euros instead of Dollars.

7. Nuclear Physics News

A new contract with Taylor & Francis for the period 2004 – 2008 has been signed by the Chairman and Treasurer of NuPECC.

The minutes of the last meeting of the Editorial Board held on June 28, 2003, in York, are enclosed with the minutes.

The EPS contribution for 2002 has been paid.

The upcoming deadlines for the next issues are December 12, 2003, and March 26, 2004.

J. Durell's term as Member of NuPECC ends this year; in the Editorial Board he will be replaced by G. van der Steenhoven.

8. PANS

C. Bargholtz reports on the status of PANS as also described in an e-mail message to M.N. Harakeh from November 30, 2003 that was sent to all NuPECC Members:

- the Swedish version of “Nucleus – a Trip into the Heart of Matter” has appeared
- the PANS-INFO website has moved from Munich to Brussels and will now be taken care of by C. Angulo and P. Descouvemont
- a Swedish edition of the exhibition “Radioactivity – a Facet of Nature” will be displayed at the Science Centre in Göteborg (across from the INPC venue) and also at the European Science Open Forum (ESOF) to be held from August 25 to 28, 2004, in Stockholm
- in the NUPEX activity, material for teachers on the web is being produced in five languages; the English version will be ready by Spring 2004
- in connection with INPC, outreach activities are planned such as an open afternoon session and a youth conference
- no new PANS proposal has been prepared so far, but is being planned within the “science and society” and the “European science week” programmes, in the latter case as a travelling laboratory (“road show”)
- the final report for the PANS project that ended on July 31, 2003, has been handed in and in the meantime accepted by the Commission; the contract is considered as terminated
- C. Bargholtz will leave NuPECC, thus a new Chairman for the Board will have to be appointed in order to carry on the network
- PANS is asking NuPECC to allocate 4 k€ for proposal preparation; *this request is accepted.* EPS/NPB will be asked for a matching contribution.

Not only PANS, but also NuPECC should get involved in the activities related to the World Year of Physics 2005, for which a preparatory conference was held on July 6 to 9, 2003, in Graz. Information on this conference can be found under <http://www.kfunigraz.ac.at/exp8www/wyp2005/main.htm>. Activities are going on in Poland, the UK, the Czech Republic and The Netherlands.

All NuPECC Members are asked to find out about activities in their country and report under a major point of the agenda at the next NuPECC Meeting. For the countries with several members, the information should be provided by T. Bressani, B. Fulton, D. Guerreau, W. Henning, and G. van der Steenhoven.

7. NuPECC Long Range Plan 2003

F. Azaiez presents a part of the nuclear structure community’s request for a high-intensity stable beam facility. His presentation can be found on the NuPECC website under <http://www.nupecc.org/presentations>. NuPECC acknowledges the scientific case, but feels that the technical issues connected with such a facility need to be addressed. NuPECC therefore appoints a group composed of F. Azaiez and two more colleagues from the his group as well as three technically oriented persons to be named by G. Fortuna, D. Goutte and W. Henning. This group will then report to NuPECC about the points to be addressed both scientifically and technically. NuPECC will then form a Working Group that will work towards producing a coherent scientific and technical report.

The recommendations for the Long Range Plan are discussed once more and slightly modified; an updated version of the first three chapters will be sent by e-mail to all NuPECC Members before Christmas; last comments will be accepted by M.N. Harakeh until the middle of January. The status of the figures for the “executive summary” is discussed; for “nuclei in the universe” the present figure may stay; new figures should be prepared for “quantum chromodynamics” by G. van der Steenhoven, for “phases of nuclear matter” by W. Henning and W. Weise; for “nuclear structure” by W. Henning (H. Geissel), D. Goutte and D. Guillemaud-Mueller, for “fundamental interactions” by G. van der Steenhoven and H. Leeb, and for “applications” by D. Guerreau. Figures and captions should be sent to M.N. Harakeh as soon as possible, preferably also by mid-January.

If changes in the chapters are considered necessary e.g. due to recent developments, the conveners and NuPECC liaison members should be contacted.

ESF has transferred 18 k€ for the publication of the report to NuPECC.

10. FP6: Integrated Infrastructure Initiatives

The status of the two major proposals for Integrated Infrastructure Initiatives in nuclear physics, EURONS and I3HP, is presented by A.C. Mueller and C. Guaraldo, respectively. Copies of their presentations are available on the NuPECC website under <http://www.nupecc.org/presentations>.

Both proposals were evaluated favourably; I3HP was ranked number 10, EURONS number 25. The evaluation reports will be made available for the NuPECC Members on the respective websites <http://www.infn.it/eu/i3hp/> and http://www-new.gsi.de/informationen/EURONS/index_e.html. Due to the limited amount of funding available for the I3 programme, only the first 24 proposals were invited to start contract negotiations in August.

In the meantime, discussions have been made in order to find a solution for funding all the proposals that received equal marks as EURONS. M.N. Harakeh on behalf of NuPECC as well as together with the previous chairmen J. Äystö and S. Galès will write to Commissioner Busquin pointing out the danger of the irreversible damage that could be done now, after FINA and FINUPHY had always been considered as a prime example of European co-ordination. All NuPECC Members are asked to send important points and arguments for the letters to M.N. Harakeh.

All NuPECC Members are urged to contact their national representatives in the Programme Committee and try to get them to discuss before the next meeting to make a co-ordinated effort to get funds freed for EURONS, be it from the second tranche of the same programme or from the upcoming design studies programme or from completely different sources. A decision is expected for spring 2004.

The present writing committee, M.N. Harakeh, G. Fortuna, D. Goutte and W. Henning, with the coordinator A.C. Mueller, will stay in place and should be reinforced by one or two university people; suggestions for that should be sent to M.N. Harakeh. For the necessary modifications of the proposal, the writing committee should have a stronger power of rejecting.

The special situation of ECT* is discussed under point 12 of the agenda.

11. FP6: Design Studies

W. Henning reports on the planned applications for design studies for GSI, G. Fortuna for EURISOL; both presentations can be found under <http://www.nupecc.org/presentations>.

Frascati will apply for a design study for DAΦNE-2; SPIRAL-2 will apply for construction money.

12. Miscellaneous

- ECT*: W. Weise reports on the activities of ECT*; copies of his transparencies are enclosed. NuPECC endorses V. Pandharipande as new member of the ECT* Board of Directors succeeding G. Baym; P. Braun-Munzinger replaces P. Chomaz as Chairman of the Board.

W. Weise's term as Director ends on March 31, 2004; J.-P. Blaizot (Saclay) will succeed him in late summer 2004.

As a consequence of the situation with EURONS, ECT* had to cut back in number of workshops and training programmes and on the support for visitors. Due to a technical error in Brussels, 150 k€ within I3HP are freed and will be used for ECT*.

- ECFA: B. Foster informed M.N. Harakeh that ECFA does not accept an observer from NuPECC to r-ECFA.

G. van der Steenhoven is replacing J. Engelen as Dutch member of ECFA.

- EPS: G. Løvholden reports on the activities of EPS/NPB; a report on the last board meeting is distributed. He expresses his wish to be replaced as observer to EPS-NPB at the next NuPECC meeting.

- NSAC: R. Casten reports on the new charges for NSAC; copies of his transparencies are enclosed. On the recently published list of priorities for DOE for the next 20 years, RIA appears on position 3 together with three other projects; the full report can be found under http://www.sc.doe.gov/Sub/Facilities_for_future/20-Year-Outlook-screen.pdf.

13. Next meeting(s)

The next NuPECC meetings will be held

on March 12 and 13, 2004, in Orsay

on June 18 and 19, 2004, in Jyväskylä and

on November 12 and 13, 2004 in Sevilla.

München, January 2, 2004



(Gabriele-Elisabeth Körner)