

Minutes

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

held on December 6 / 7, 2002 in Mainz

Participants:

- J. Äystö (Chairman)
- Ch. Bargholtz
- T. Bressani
- J. Dobeš
- J. Durell
- A. Eiró
- G. Fortuna
- B. Fulton
- D. Goutte
- D. Guerreau
- D. Guillemaud – Mueller
- M. Harakeh
- M. Huyse
- J. Jastrzebski
- R. Johnson (EPS)
- G.-E. Körner (Scientific Secretary)
- H. Leeb
- M. Lozano
- G. Løvhøiden
- G. van Middelkoop
- T. Walcher
- W. Weise (ECT*)
- N. Williams (ESF)

C. Amsler, W. Henning, K. Riisager and A. Wagner could not attend.

Agenda

- 1.) Minutes of the Last Meeting
- 2.) Report of the Chairman
- 3.) Relation with ESF
- 4.) Budget 2002 / 2003
- 5.) Nuclear Physics News
- 6.) PANS
- 7.) FP6: Integrated Initiatives
- 8.) NSAC Long Range Plan
- 9.) NuPECC Long Range Plan 2003
 - Draft Reports
 - Town Meeting
- 10.) ECT*
- 11.) Miscellaneous
 - EPS
 - ECFA
- 12.) Next meeting(s)

1. Minutes of the last meeting

The minutes of the forty-fourth meeting are agreed upon without changes.

2. Report of the chairman

J. Äystö welcomes the guests J. Symons, J. Vervier and C. Guaraldo and the EPS-NPB representative R. Johnson. C. Amsler, the new member for Switzerland, replacing I. Sick, could not attend.

J. Äystö was informed by C. Guaraldo on the planned Integrated Infrastructure Initiative in Hadron Physics (I3HP); this will be discussed under point 7 of the agenda.

J. Äystö was informed by B. Fulton on a UK bid for the European Spallation Source (ESS).

The NuPECC Report Impact, Applications, Interactions is close to be ready and will come out by mid-December.

J. Äystö participated in the meeting of the EURISOL Steering Committee on October 7, 2002. The reports of the working groups are ready and have been put on the EURISOL website <http://www.ganil.fr/eurisol>. Now the Steering Committee is writing the summary report. A proposal for a Design Study in the 6th Framework Programme (FP6) is being prepared.

J. Äystö was invited to report on NuPECC at the PESC meeting in Pisa on October 24/25, 2002. After a 20-minute presentation and a short discussion, the impression was that PESC is happy with work of NuPECC. The upcoming review of NuPECC was discussed, see point 3 of the agenda. The main discussion centred around a European research council.

At the FINUPHY meeting in Trento on October 28-29, 2002, in addition to the usual FINUPHY matters, most of the proposals for Joint Research Projects within the Integrated Infrastructure Initiative in Nuclear Structure (I3NS) were presented and discussed; the two initiatives I3NS and I3HP will be discussed under point 7 of the agenda. The minutes of the FINUPHY meeting can be found on the corresponding website <http://www.finuphy.org>

3. Relation with ESF

The ESF General Assembly has appointed M.N. Harakeh as Chairman of NuPECC for three years from January 1, 2003.

N. Williams will draft terms of reference for the upcoming review of NuPECC by end of January 2003; the review committee will be composed of a PESC member, Rene Kamermans, and 2-3 independent scientists who could possibly be past members of NuPECC. One meeting is envisaged for which the range of NuPECC publications should be provided as well as a statement commenting on the consequences of the previous review in 1996. Complemented by a survey of the ESF Member Organisations who contribute to NuPECC (national funding agencies), the report should be presented to PESC by the end of October 2003, then to the Executive Board for ratification and thus be finished by the end of 2003.

The requested increases in the NuPECC budget have been accepted and paid; some additional funds for the Long Range Plan are considered within PESC.

In early 2003, a contract will be signed by ESF and EU concerning the relegation of the financial management of FP6 to ESF.

At the last European council meeting in Copenhagen the potentialities for a European Research Council were discussed; the balance seems to have shifted from “if” to “how” it could be created. Within ESF discussions are going on how ESF should position itself; in terms of budget, a fraction of 0,5% is discussed to start with, rising up to a fraction of 5%.

In the finance section of ESF, Jean-Pierre Roth has been replaced by David Weber.

4. Budget 2002 / 2003

ESF has successfully asked for an increased contribution from the Member Organisations. B. Fulton presents the present status of the budget 2002 and the proposed budget 2003. Copies of his transparencies are enclosed.

5. Nuclear Physics News

M.N. Harakeh is stepping down as Chairman of the Editorial Board; NuPECC nominates M. Huyse as new Chairman from January 1, 2003 on.

Proposals for a new contract have been received from Taylor & Francis as well as from Old City Publishing (same people as with Gordon & Breach). Taylor & Francis offers to continue with an unchanged contribution from NuPECC, whereas Old City Publishing proposes a 20 % higher contribution for 2003, increasing by another 5 % in 2004.

The next meeting of the Editorial Board will take place on December 7, 2002, right after the NuPECC meeting.

6. PANS

C. Bargholtz reports on the progress of PANS. Copies of his transparencies are enclosed.

The main tasks to tackle now are:

- to put in a new proposal within the “Science and Society” programme of FP6; the big laboratories should be involved in this at the earliest stage,
- to find a host for PANS-INFO, since there are problems with Legnaro, and
- to pursue discussions on the publication of the book in other languages, such as French, German etc..

7. FP6: Integrated Initiatives

J. Vervier and C. Guaraldo have been invited to report on the Integrated Infrastructure Initiative in Nuclear Structure (I3NS) and the Integrated Infrastructure Initiative in Hadron Physics (I3HP), respectively. Copies of their transparencies are enclosed. Information on I3NS can be found on the FINUPHY website <http://www.finuphy.org>; for I3HP a website will be put up beginning of 2003

For I3NS, the Writing Group has been reinforced by J. Äystö and M. N. Harakeh as present and future NuPECC Chairman; it thus contains six NuPECC members. For I3HP, a group to help in the proposal has been appointed; its members are T. Bressani, M.N. Harakeh, T. Walcher and J. Vervier (or the future project co-ordinator of I3NS).

For both proposals, the proposed Joint Research Projects will have to be discussed, merged, overlaps removed and the total sum requested has to be reduced, and considerably in the case of I3HP.

One of the tasks of NuPECC here is to explain the strategic reason why there will be two proposals in nuclear physics.

Both co-ordinators are asked to report on the next NuPECC meeting which will take place well before the deadline for submission of the I3 application, which is now set April 15, 2003.

8. NSAC Long Range Plan

J. Symons reports on the main features of the NSAC Long Range Plan prepared under his chairmanship. A copy had been sent to the NuPECC Members previously. The file of J. Symons' presentation is sent separately by e-mail.

R. Casten (Yale) has been appointed as the new Chairman of NSAC.

9. NuPECC Long Range Plan 2003

The draft reports of the working groups on Nuclear Structure, QCD, Nuclei in the Universe and Fundamental Interactions are available on the NuPECC website <http://www.nupecc.org>. The draft report on Phases of Nuclear Matter will be available by mid-December.

For the working group on Applications, W. Kutschera stepped down as convenor on short notice; G. Fortuna will persuade P. Mandò (Firenze) to be the new convenor, with the task to prepare a draft report before the Town Meeting. This draft could be based on the NuPECC Report 'Impact, Applications, Interaction' that is just about to appear complemented by those subjects that are not treated in there.

Another mailing should be sent to the nuclear physics community in Europe to encourage contributions; propositions should be sent to the NuPECC Liaison Members who will discuss the final programme of the Town Meeting. Special presentations should be given on the new GSI facility and on EURISOL; other new projects could be covered by the convenors in their presentations; progress through mid-term facilities should be built into the report.

After the Town Meeting, NuPECC should concentrate on the summary of the report giving a coherent picture of nuclear physics in Europe.

10. ECT*

NuPECC endorses the renewal of the Memorandum of Understanding between ECT* and ESF.

W. Weise reports on the present work and programmes at ECT*. Copies of his transparencies are enclosed.

From January 1, 2003, M.N. Harakeh is member of the Board of Directors ex officio; M. Birse is appointed by NuPECC as new member.

11. Miscellaneous

- ECFA: G. van Middelkoop's term as NuPECC Member ends on December 31, 2002; he therefore has to be replaced as NuPECC Observer to ECFA.

The financial situation at CERN is slowly improving; the construction of the LHC will be delayed by two years. From January 1, 2004, R. Aymar will be Director General replacing L. Maiani.

A proposal for an Integrated Infrastructure Initiative in accelerator physics is being prepared; details can be seen at <http://esgard.lal.in2p3.fr>.

- EPS: G. Løvholden distributes a summary report on the last meeting of EPS/NPB held on October 4-5, 2002, in Debrecen.

12. Next meeting(s)

The NuPECC meetings in 2003 will be held on

February 14 and 15 in Leuven

June 27 and 28 in York

December 5 and 6 in Frascati

München, January 6, 2003



(Gabriele-Elisabeth Körner)