

Minutes

of the Twenty-Fourth Meeting of the Nuclear Physics European Collaboration Committee (NuPECC)

held on December 19/20, 1995, in München

Participants:

J. Äystö
G. Flügge (ECFA)
S. Galès
P. Guichon
B. Jonson
H. Karow (for ESF)
P. Kienle (Chairman)
G.-E. Körner (Scientific Secretary)
G. Morrison
E. Moya de Guerra
E. Osnes
G. Ricco
B. Schoch
J. Vervier
P. de Witt Huberts

W. Breunlich, H. Doubre, A. Fonseca, C. Gaarde, R. Malfliet, E. Migneco, I. Sick, D. Schwalm, A. Shotter and R. Bock could not attend.

Agenda

- 1.) Minutes of the last meeting
- 2.) Report of the Chairman
- 3.) ESF General Assembly (H. Karow)
- 4.) Budget (S. Galès)
 - New Treasurer
- 5.) NuPECC Handbook (G.-E. Körner)
- 6.) ELFE (P. Kienle)
 - Initiative Group and Contact Group at IN2P3 (November 17)
- 7.) Nuclear Physics News (S. Galès)
 - New Members, New Chairman
 - Contract with Gordon & Breach
- 8.) EPS Project (J. Vervier)
- 9.) New Report „Opportunities and Perspectives“
- 10.) Nuclear Physics Brochure (B. Jonson)
- 11.) Questionnaire „Resources for Nuclear Physics“(G. Morrison)
- 12.) Miscellaneous
- 13.) Next meeting(s)

1. Minutes of the last meeting

The minutes of the twenty-third meeting are agreed upon without changes.

2. Report of the chairman

P. Kienle welcomes G. Ricco from Genova as new member.

NuPECC's Progress Report to the ESF has been sent to all members. The ESF General Assembly has appointed S. Galès as Chairman, starting from January 1, 1996. This is a per tempore appointment pending the outcome of the review of NuPECC by ESF that has been postponed to 1996; this will be discussed under point 3 of the agenda.

The ELFE Initiative Group met at IN2P3 on November 17. A summary of that meeting and the items that have been discussed, written by P. Hoyer, is enclosed. E. Migneco proposes that G. Ricco replaces him in the ELFE Contact Group; further discussion under point 6 of the agenda.

P. Kienle reports on the proposal of a Japanese Hadron Facility by KEK and INS, consisting of a 200 MeV linac, a 3 GeV booster and a 50 GeV synchrotron for up to 10 μ A protons. A copy of the proposal is enclosed.

In compliance with point 7 of the minutes of the last NuPECC meeting, a letter has been sent to the editor and chairman of board of the CERN Courier. A copy of that letter is distributed. No answer has been received.

J. Vervier points out the intention of EPS to discuss new perspectives in nuclear physics at their General Physics Conference in Sevilla. This will be discussed under point 8 of the agenda.

3. ESF General Assembly

NuPECC's Progress Report has been sent to all members. The ESF General Assembly has decided to postpone the review of NuPECC to 1996. Three members of the ESF Standing Committee on Physical & Engineering Sciences (PESC), Kroo, Pounds, Desclaux, plus one member of the Executive Council will perform this review in contact with the past and present chairman of NuPECC. The ESF General Assembly has appointed S. Galès as Chairman for the period 1996-1998, for the moment „per tempore“ pending the outcome of the review.

H. Karow reports on an ESF workshop on the use of neutrons; information on this workshop is enclosed.

4. Budget

S. Galès reports on the budgets 1995 and 1996; copies are enclosed. NuPECC unanimously appoints H. Doubre as Treasurer, starting January 1, 1996.

5. NuPECC Handbook

The new edition of the Handbook is in print. In Europe, it will be distributed in the same way as Nuclear Physics News; some copies will be sent to the US, Canada, Japan, etc.

6. ELFE

The ELFE Initiative Group met on November 17, 1995, at IN2P3, together with S. Galès, P. Kienle, J.-M. Laget, A. Tkatschenko and B. Pire. A summary of this meeting, written by P. Hoyer, is enclosed.

The Initiative Group will meet again at DESY on January 22, 1996, and organize a small workshop at ECT* in Trento on April 1/2, 1996.

The directors of those laboratories that are involved in studies with electromagnetic probes are urged to have machine physicists and engineers work on specific technical problems together with the machine people at DESY.

7. Nuclear Physics News

S. Galès is replaced by B. Jonson as member of the Editorial Board; G. Morrison is appointed as chairman from January 1, 1996 on. The present contract with Gordon & Breach will expire on September 16, 1996. It is most likely that a new contract will also include a higher financial contribution by NuPECC. A possible solution could be that EPS takes over the fees for the Eastern European countries. Presently, NPN is sent to about 800 physicists at about 60 laboratories in Eastern Europe. The newly founded ESF Communication Centre will look into the possibility of finding a cheaper publisher.

8. EPS Project

J. Vervier reports of the intention of EPS to have a Symposium on New Perspectives in Nuclear Physics, organised by R.A. Ricci, at their General Physics Conference in Sevilla on September 9-13, 1996. This will include two halfdays of lectures of about three hours each. R.A. Ricci will send a letter to the chairman of NuPECC, asking for possible topics and speakers. NuPECC proposes

P. Armbruster on heavy elements, F. Bosch on bound-state beta decay, E. Plagnol on multifragmentation, B. Schoch on degrees of freedom of the nucleon, B. Jonson on dripline nuclei and N.N. on the LUNA project at Gran Sasso (name to be proposed by G. Ricco)

9. New Report „Opportunities and Perspectives“

In order to prepare a new report on „Opportunities and Perspectives“ NuPECC will ask several colleagues to convene working groups which should assess their field and prepare a report on recent achievements, open problems and future perspectives, starting from the 1991 NuPECC report. The papers of the working groups should then be discussed in open workshops of 1-2 days each, edited and finalised in a joint meeting of NuPECC and the conveners. Each working group has a NuPECC liaison member to keep the contact between NuPECC and the group. A table of the proposed topics, conveners, NuPECC liaison members and places for town meetings is enclosed.

The envisaged schedule is as follows: letter to conveners beginning of 1996 - established working groups March 1996 - reports by working groups September 1996 - workshops October to December 1996 - finalisation of NuPECC report spring 1997. Additional financial support for the report should be asked for by the EC; the workshops could be supported by the main laboratories involved.

A copy of the Chairman's letter to the conveners is enclosed.

10. Nuclear Physics Brochure

B. Jonson will write a letter to the conveners of point 9 once established, as well as to W. Gelletly and A. van der Woude to ask them for input (highlights!) and help. The GSI Brochure can serve as a possible example. A professional should be hired for the lay-out.

11. Resources for Nuclear Physics in Europe

G. Morrison proposes R. Malfliet to take over this task. In view of the difficulties ECFA has had with their questionnaire on high energy physics and the work that has been done in nuclear physics previously, NuPECC proposes to ask B. Rémaud to continue the survey he has already made for the ICHIA meeting in Amsterdam. He could be supported by D. Hartwig, who has once prepared such a survey for ESF, and A. van der Woude who should be asked.

12. Miscellaneous

In order to secure the future of ECT* in Trento, NuPECC should discuss possible actions with the ECT* Board and funding agencies. A possible occasion could be the review which will take place on February 23, 1996, at Trento.

NuPECC envisages a 1-day meeting at ESF in order to establish a framework for contacts between NuPECC, the European funding agencies and the EU.

P. Kienle and S. Galès will produce a list of complementary internationally used facilities which will be discussed at the next NuPECC meeting.

13. Next meeting

The next meeting will take place on March 30/31, 1996, at ECT* in Trento.

Garching, January 5, 1996

(Gabriele-Elisabeth Körner)