

Minutes

of the Thirteenth Meeting of the Nuclear Physics European Collaboration Committee
(NuPECC)

held on March 6 and 7, 1992 at Lisbon

Participants: C. Detraz (chairman)
A. Fonseca
C. Gaarde
W. Gelletly
M. Huber
B. Jonson
P. Kienle
G.-E. Körner (scientific secretary)
M. Mahnig (ESF)
E. Moya de Guerra
E. Osnes
E. Otten
A. Pakkanen
G. Pappalardo
P. Picozza
R. Seltz
I. Sick
J. Vervier
A. van der Woude

R. Bock (EPS), W. Breunlich, P. Twin and P. de Witt Huberts could not attend.

The minutes of the twelfth meeting were approved without changes.

Agenda

1. Information from the chairman
2. Discussion on the distribution of our report "Nuclear Physics in Europe" and feedback from the community
3. Discussion on the implementation of the recommendations of the report
4. Report on the "radioactive beam" questionnaire and the organisation of a steering committee (W. Gelletly)
5. Report on the steering committee for an electron accelerator (P. de Witt Huberts)
6. Budget (R. Seltz)
7. Development of Nuclear Physics News (A. van der Woude)
8. Relations with the EC (J. Vervier)
9. Future actions of NuPECC and election of a new (acting) chairman
10. Miscellaneous:
 - a) Relation with ECFA
 - b) Status of the European Center for Theoretical Nuclear Physics
 - c) Meetings
 - d) Next meeting

1. Information from the chairman

C. Detraz informs those NuPECC members who had not received the corresponding fax that he has been appointed as Director of the French Institut National de Physique Nucleaire et de Physique des Particules (IN2P3). For obvious reasons he resigns from NuPECC; the relevant letter is enclosed. Therefore a new chairman has to be elected who will then be proposed to the General Assembly of ESF to be appointed; see point 9 of the agenda. A new French member for NuPECC has to be proposed to the ESF by IN2P3.

Due to the retirement of R. Bergere, a second new French member has to be proposed to the ESF, in this case by CEA.

2. Discussion on the distribution of our Report "Nuclear Physics in Europe" and feedback from the community

The main ways of distribution are outlined in a letter by C. Detraz from January 28, 1992. More copies of the report are available and can be requested from C. Detraz.

Articles on our report have been and will be published in "Physikalische Blätter" and "CERN Courier".

Positive comments have been received by M. Jakob, President of the EPS, the French minister of research, and a German committee for funding of basic research, advising the German minister of research.

C. Guaraldo, the convener of the preparatory group on Quark-Gluon-Plasma, complained in a letter about the composition of his group printed in the report. An erratum to correct this will be published in the next issue of Nuclear Physics News. Letter and erratum are enclosed.

3. Discussion on the implementation of the recommendations of the report

A letter by C. Detraz from November 12, 1991 to the President of ESF concerning the implementation of the recommendations has not been answered yet. Attempts by C. Detraz to talk to W. Mitchell were not successful. NuPECC assumes that

the ESF is positive about NuPECC being active in pursuing its recommendations. NuPECC will actively follow the developments induced and take corrective steps if necessary.

Two of the main topics are discussed under points 4 and 5 of the agenda.

4. Report on the "radioactive beam" questionnaire and the organisation of a steering committee (W. Gelletly)

After the explicit recommendation in the report, two immediate steps have been taken.

W. Gelletly sent a questionnaire about the various requirements for a radioactive beam facility to all those who receive Nuclear Physics News. He received about 300 replies, some of them from groups. Due to its complexity, a thorough analysis could not be performed in such a short period of time (deadline was February 28). In addition, a workshop was held at Louvain-la-Neuve, where 13 representatives from 6 countries came to the conclusion that a steering committee to organize the necessary R & D work is needed.

After discussions on the next step to be made, it is agreed that advantage should be taken of the forthcoming workshop to be held from March 23 to 25 at Dourdan. Continuing interest of NuPECC for the implementation of its specific recommendation on radioactive beams requests that NuPECC should examine the various aspects of the physics case and assess the potential interest and the possible complementarities of the various projects.

To this end, NuPECC recommends that a study group be set up at Dourdan to:

1. review the physics case
2. report on the various projects currently proposed in European Laboratories and on their merits
3. assess the R and D work needed to realize those projects.

It is wished that the group presents its report to the next NuPECC meeting in October so that NuPECC will assess the scientific interest and make more detailed recommendations on the developments which are recommended in that field.

It is agreed to appoint Carl Gaarde as NuPECC observer in that group and Rolf Siemssen as convener.

Claude Detraz will seek the agreement of Rolf Siemssen and will convey NuPECC's

views to the participants of the Dourdan workshop.

**5. Report on the organisation of a steering committee for an electron accelerator
(P. de Witt Huberts)**

P. de Witt Huberts cannot attend the meeting, therefore a letter of his and a document prepared by the steering committee is read to NuPECC by C. Detraz. NuPECC congratulates the steering committee on the progress of the project, but proposes two changes in the document. a) The document should be submitted to NuPECC and scientific agencies in Europe. b) All specifications for 30 GeV should be suppressed in this document.

Nevertheless, a possible extension to higher energies at a later date should of course be considered, the cost factor being kept in mind.

The chairman will write a corresponding letter to Th. Walcher.

6. Budget (R. Seltz)

R. Seltz has prepared a sheet showing last years expenses as well as one with the expected expenses of this year. The total amount of the budget is the same as last year, but for next year an increase to cover inflation should be asked for. The agencies should be informed about that already now.

Payment of contributions still due from 1991 should be enforced.

The chairman and the treasurer are asked to establish the final budget for 1992, when outstanding debts are collected.

The budget could be increased, if travel expenses for extra obligations were to be covered, since those would be taken away from other lines of the budget of the funding agencies.

7. Development of Nuclear Physics News (A. van der Woude)

Some of the views of the editorial board are already represented in a letter by A. van der Woude from December 1991. It is generally felt that NPN is well received by its readership, especially in eastern Europe. Although NPN is considered to be good in its articles and particularly the editorial, a lack of "news" is evident. To improve on this situation, more activity from the correspondents is needed.

A. van der Woude will write a letter to the correspondents asking them to contribute more actively by providing news and "gossip" or to resign. In addition, each correspondent is attributed a contact member from NuPECC to whom he or she should regularly send their contributions. These are B. Jonson for northern Europe, J. Vervier for the middle, and A. Fonseca for southern Europe. Yu. Oganessian should be asked to work with the correspondents for eastern Europe.

EPS should again be encouraged to replace one member of the editorial board, by a more active one.

Another critical point are the advertisements. Again all the lab directors should be asked to provide Lind Kerr, Gordon & Breach's advertising manager, with names of companies and contact persons.

In the next meeting of the editorial board on June 15 at the Paris office of Gordon and Breach, the financial situation should be thoroughly discussed. In the meantime it should be clarified what arrangements other magazines of that type (Synchrotron Radiation News, Neutron News etc.) have.

A possible extension to a larger readership, i.e. distribution of NPN in the US, Japan etc. should be discussed with Gordon & Breach in view of the financial conditions. The chairman and the editorial board have a mandate to take the necessary decisions.

The article on the NuPECC report asked for by Physics World should be written by W. Gelletly or B. Jonson instead of C. Detraz.

8. Relations with the EC (J. Vervier)

J. Vervier distributes a paper describing the features of the present programme frame.

In order to influence the EC directly, NuPECC should take the following measures: NuPECC should get into direct contact with DGXII with the report; as much information should be collected as possible - to this end a working group is established, consisting of J. Vervier and W. Gelletly, helped by R. Seltz and M. Huber.

In addition, each NuPECC member should try to contact his or her CODEST and/or CREST members. W. Gelletly will provide all NuPECC members with a list of CODEST and CREST. All information about such contacts should be conveyed to J. Vervier. Also should the chairman approach CODEST officially.

9. Future actions of NuPECC and election of a new (acting) chairman

The future tasks of NuPECC include

- the establishment of firmer relations with the EC (see point 8 of the agenda)
- the edition of reports
 - a) the new edition of the "Handbook" will be taken up by G.-E. Körner; if necessary with the help of the former "Working Group on Access to International Facilities" that consists of C. Detraz, E. Otten, G. Pappalardo, R. Seltz, P. Twin, and P. de Witt Huberts.
 - b) a report on applications of nuclear physics should be prepared within this year; to this end a working group is set up, consisting of A. van der Woude, R. Seltz, G. Pappalardo, E. Otten, B. Jonson; its first task will be to collect information on the various subfields, and to identify specialists who could be responsible for preparatory groups; the possibility of holding a workshop will be discussed at the next NuPECC meeting
 - c) a report on human capital and resources; this report will be taken upon after the one on applications is finished.
- the follow-up of the reports; in particular the implementation of its recommendations (see also points 3, 4, 5 of the agenda)
- a continuing debate on big science investments
- the establishment of outside relations, i.e. with national physical societies as well as bodies outside Europe
- the strengthening of the relations to the national science agencies
- the fostering of education in nuclear physics by providing for good text books and good popular books and articles.

NuPECC thanks C. Detraz for his excellent work as its chairman during the last years. To elect a new chairman to be proposed to the General Assembly of the European Science Foundation for appointment, a first, indicative ballot is performed, where each NuPECC member can note down three names to be able to make a first choice of candidates. The result of this first ballot is:

P. Kienle	10
E. Otten	9
W. Gelletly	6
P. de Witt Huberts	5
M. Huber	4
A. van der Woude/J. Vervier	3
P. Twin/B. Jonson	2

The number of nomination does not add up to the maximum of 51, because not every member indicated as many as three names.

In the second, formal ballot only one name could be given. All 17 members of NuPECC present gave their vote; there were no abstentions. The result of the second ballot is the following:

P. Kienle	9
E. Otten	4
W. Gelletly/A. van der Woude	1
M. Huber/P. de Witt Huberts	1

P. Kienle is therefore elected as acting chairman and will be proposed to the General Assembly of ESF.

Until October 1, 1992, W. Gelletly will act as deputy chairman.

10. Miscellaneous:

a) Relation with ECFA

NuPECC does not see any harm in exchanging observers with ECFA for mutual information as is wished in a letter by J.-E. Augustin that was distributed to all NuPECC members already.

b) Status of the European Center for Theoretical Nuclear Physics

A letter of O. Bohigas, chairman of the board created at the meeting at Orsay on February 23, 1991, is included.

It is felt by NuPECC that the chairman should write a letter to the board telling the members that the situation is not prepared for NuPECC to take steps, since no proposal has been submitted to NuPECC that includes an assessment of the various projects, as has been wished.

NuPECC is not going to interfere at this point.

c) Meetings

P. Kienle as the new acting chairman is asked to attend the meeting of the European science Research Council (ESRC) held at Interlaken on April 27 and 28, 1992, and present NuPECC and its work there.

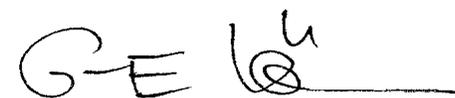
More information is asked from P. de Witt Huberts on the announced "International Workshop on Equipping Science in the 21st Century".

A letter of H. Feshbach proposing an "International Conference on the Future of Nuclear Physics" is enclosed. NuPECC welcomes this initiative and asks P. Kienle to approach H. Feshbach on this matter.

d) Next meeting

The next meeting of NuPECC will be held on October 3 and 4, 1992, at Jyväskylä, in conjunction with the inauguration of the new cyclotron there.

Garching, April 9, 1992


(Gabriele-Elisabeth Körner)