

# Minutes

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

held on May 7-9, 1993, in Madrid

**Participants:** W. Breunlich  
H. Doubre  
A. Fonseca  
C. Gaarde  
S. Gales  
P. Guichon  
B. Jonson  
H. Karow (ESF)  
P. Kienle (Chairman)  
G.-E. Körner (Scientific Secretary)  
G. Morrison  
E. Moya de Guerra  
E. Osnes  
E. Otten  
A. Pakkanen  
G. Pappalardo  
P. Picozza  
I. Sick  
P. Twin  
J. Vervier  
P. de Witt Huberts  
A. van der Woude

The minutes of the sixteenth meeting were agreed upon with the following addition to point 3: "The recommendations of the report should be published in the next issue of Nuclear Physics News."

## Agenda

1. Report by the Chairman
  2. End of the First Term of NuPECC
  3. Budget Proposal 1994-1996
  4. Nuclear Physics News
  5. Report on Radioactive Beams
  6. Report on Applications of Nuclear Physics
  7. Miscellaneous
    - a) ILL
    - b) Report from NPB/EPS
    - c) EEF
    - d) Report on Structure of Nuclear Physics
    - e) Problems with text processing
    - f) Letter to Spanish Agencies
  8. Next Meeting
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## **1. Report of the Chairman**

### **- Letter to C. Rubbia:**

After the last meeting, P. Kienle sent a letter to C. Rubbia thanking him for the invitation. A copy of the letter is included.

### **- HMI:**

P. Kienle wrote an editorial for the next issue of Nuclear Physics News, referring to the letter by W. von Oertzen, and will approach the Senate of the City of Berlin with this editorial once it is printed

### **- ICHIA:**

Nothing has happened since the last NuPECC meeting

### **- Report on Radioactive Beams.**

see point 5

- Report on Applications of Nuclear Physics: P. Kienle and A. van der Woude wrote a letter to P. Fasella, applying for a financial contribution to the workshop (see also point 6). A copy of the letter is included.

### **- ECT\*:**

The final statutes have not been published yet. The official inauguration will take place on September 9/10. Many schools and workshops are being planned. More details will be published in a contribution by D. Brink to the next issue of Nuclear Physics News.

## **2. End of the First Term of NuPECC**

Some fluctuation has already happened. All the members that have been in NuPECC from the beginning are asked to send a letter to P. Kienle before June 4 to inform him whether they intend to step down or to continue for another term. NuPECC members could propose possible successors; ESF would channel this information to the agencies. The agencies will suggest the members for the next term of NuPECC to the General Assembly of the ESF.

## **3. Budget Proposal 1994-1996**

The budget for 1993 is balanced on the basis of 594 KFF confirmed income plus an additional 50 KFF from ESF for publications.

S. Gales proposes a 14.3% increased budget for 1993-1996. P. Kienle should write a letter to ESF explaining that NuPECC needs this increased budget in order to continue its successful work.

The final budget for the next three years should be decided at the next meeting.

#### **4. Nuclear Physics News**

In general, the publication of Nuclear Physics News with Gordon & Breach works quite well, except for the following problems:

- G&B is not active enough in getting advertisements
- an expansion to the US is impossible with G&B
- G&B may increase NuPECC's contribution

G. Morrison contacted IOPP, the publisher of the Institute of Physics. Their reaction was quite positive.

At its last meeting, the Editorial Board of Nuclear Physics News decided to reduce its size to 4 members, 2 from NuPECC, 2 from EPS.

S. Gales is appointed by NuPECC as member of the Editorial Board.

A. van der Woude, S. Gales and G.-E. Körner get a mandate from NuPECC to negotiate with IOPP, if necessary together with G. Morrison.

#### **5. Report on Radioactive Beams**

P. Kienle, S. Gales, I. Sick, P. de Witt Huberts, the NuPECC Subcommittee, met together with R. Siemssen on April 24 and 25 in Amsterdam to assess the report by the study group and prepare a proposal for the recommendations of NuPECC. This proposal is distributed and discussed extensively until a consensus is reached. A copy of that version is distributed at the meeting; minor corrections can be made until May 14.

The final version of the "Statement of NuPECC" is included.

The report will now be printed together with the statement. The statement will be published in the next issue of Nuclear Physics News, together with an introduction of P. Kienle.

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## 6. Report on Applications of Nuclear Physics

NuPECC has received an answer from P. Fasella including an application form for a "CEC Sponsorship Grant". The letter and the completed application form are included. For each of the subjects a convener and the NuPECC contact are installed; some of the working groups are already operating. The conveners should get a letter from P. Kienle. For October, the working groups should prepare a first draft, which will then be discussed at the workshop in November in order to get a final proposal. In this report, NuPECC will not issue recommendations, but just a summary and outlook. The title of the report will be "Impact and Applications of Nuclear Science: Opportunities and Perspectives".

## 7. Miscellaneous

### a) ILL:

An application to the management of ILL should have been made concerning the improvement of ultracold n-beams, asking for 2-3 MFF.

C. Detraz asked to receive a letter from the NuPECC chairman, and D. Dubbers was asked to discuss that with P. Kienle. D. Dubbers never mentioned that to P. Kienle. In the meantime D. Dubbers succeeded to receive additional financial support from the BMFT of Germany, which allows that the necessary changes at the reactor exit can be made by the ILL in time.

### b) Report from NPB/EPS:

The Nuclear Physics Board of the EPS has new members, including the new chairman R. Ricci and the new secretary A. Bertin. A list of the present members is included. The NPB suggest a joint meeting together with NuPECC to discuss e.g. the financing of Nuclear Physics News.

NuPECC will wait for the letter from R. Ricci and invite him for the next NuPECC meeting to discuss further details. The NPB proposes to keep an Eastern European member in the Editorial Board and therefore to keep 3 members each.

### c) EEF:

The final proposal for a 15 GeV electron machine is being prepared, will be discussed at the PANIC meeting and be ready by fall of this year. It will then

be submitted to NuPECC and be presented at the next meeting by P. de Witt Huberts or I. Sick. An assessment by NuPECC should be ready by February 1994. It could be achieved in the same way as the one for the report on radioactive beams, i.e. a subcommittee of NuPECC should prepare a proposal to be discussed by NuPECC in full.

**d) Report on the Structure of Nuclear Physics**

One of the next projects of NuPECC is to prepare a report on the manpower and money involved in Nuclear Physics. This task will be taken up as soon as the report on the "Impact and Applications of Nuclear Science" is ready, as has been decided by NuPECC at its meeting on March 6-7, 1992 at Lisbon (see minutes point 9c).

**e) Problems with text processing**

P. Guichon reports on problems with some publications which provide cheaper publishing by asking for manuscripts, written in TEX. Parts of the text are not reproduced correctly, and stay like that, since no proof reading is envisaged.

**f) Letter to Spanish Agencies**

P. Kienle should write a letter to the Spanish agencies to express NuPECC's appreciation of the achievements and the progress in nuclear physics during the last ten years and the wish that these groups get increasing support. NuPECC emphasizes the importance because of the interdisciplinary relevance for natural and life sciences. One university should be provided with a nuclear physics laboratory and have good infrastructure to facilitate European collaborations in larger nuclear physics programmes.

**8. Next Meeting**

The next meeting of NuPECC will take place on October 22-24, 1993, in Rome, including a visit to the Gran Sasso laboratories on October 23.

Garching, May 17, 1993

  
(Gabriele-Elisabeth Körner)