

# Minutes

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

held on October 22-24, 1993, at Rome and Gran Sasso

Participants: W. Breunlich  
H. Doubre  
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. Otten  
A. Pakkanen  
G. Pappalardo  
P. Picozza  
R. Ricci (EPS/NPB)  
I. Sick  
P. Twin  
J. Vervier  
P. de Witt Huberts

A. Fonseca, E. Osnes and A. van der Woude could not attend.

The minutes of the seventeenth meeting were agreed upon without changes.

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## **Agenda**

- 1. Report of the Chairman**
- 2. Next Term of NuPECC**
- 3. Budget**
- 4. Relation with EPS**
- 5. Nuclear Physics News**
- 6. Workshop on Impact and Applications**
- 7. ELFE**
- 8. European Spallation Source**
- 9. EUROBALL**
- 10. European Radioactive Beam Facilities**
- 11. Next Meetings**

## **1. Report of the Chairman**

- P. Kienle thanks P. Picozza for the organisation of the interesting visit to the Gran Sasso laboratories.
- A. Pakkanen and A. van der Woude will retire from NuPECC by the end of 1993; the chairman thanks them both for their continuous engagement.
- As a new member for Germany, Berthold Schoch (Universität Bonn) has been appointed.
- For the workshop on the "Impact and Applications of Nuclear Science" a grant from CEC of 35000 ECU has been awarded to NuPECC.
- The NuPECC report "European Radioactive Beam Facilities" has been printed and distributed, in particular to various funding agencies.
- According to point 7f of the minutes of the previous meeting, P. Kienle has sent a letter to the Spanish authorities. A copy of the letter has been distributed.
- Following point 3 of the minutes of the previous meeting, P. Kienle has written a letter to P. Fricker (Secretary General of ESF) to ask for a budget increase of about 10%. A copy of the letter is distributed at the meeting; see also point 3).
- P. Kienle has received a letter from R. Ricci (Chairman of the Nuclear Physics Board of EPS), where the latter proposes a joint meeting of NuPECC and NPB. This is to be discussed under point 4).
- P. Kienle has received a letter from C. Detraz concerning the further involvement of NuPECC in the European radioactive beam facilities. A copy of the letter and P. Kienle's short answer has been sent out. The answer of NuPECC will be discussed under point 10).
- A. van der Woude, S. Gales, G. Morrison and G.-E. Körner have negotiated with the Institute of Physics (IOP) concerning the publication of Nuclear Physics News. IOP has sent a proposal. This issue will be discussed under point 5.

## **2. Next Term of NuPECC**

By the end of 1993, a third of the members will have been exchanged, so NuPECC is well in agreement with the agencies that wish the rotational principle more verified. A list showing the present status of membership is enclosed as Appendix 1.

### **3. Budget**

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The budget for 1993 is balanced, see Appendix 2. For 1994 and 1995, NuPECC would like to ask for an increase of 9% to be able to continue its activities according to its Terms of Reference. NuPECC would wish that ESF supports its point by asking the agencies for that increase. A copy of the budget proposal for 1994 and 1995 is enclosed as Appendix 3.

### **4. Relation with EPS**

R. Ricci, the chairman of the Nuclear Physics Board of the EPS, conveys the Board's wish to hold a joint meeting with NuPECC in order to discuss common points of interest; a copy of his respective letter to P. Kienle is enclosed as Appendix 4. It is felt that the contact between NuPECC and NPB has been good as long as R. Bock has attended the NuPECC meetings as NPB's observer. NuPECC has always carefully avoided to interfere with the work of NPB, so the actions of the two bodies are largely complementary. NuPECC will appoint an observer to NPB at its next meeting; and would wish NPB to do the equivalent. The chairman will nominate a person who will attend the next NPB meeting that will take place before the next NuPECC meeting.

### **5. Nuclear Physics News**

A. van der Woude will leave the Editorial Board of NPN by the end of 1993. NuPECC appoints S. Gales as the new chairman, G. Morrison as a new member of the Editorial Board.

Due to the reasons that have been discussed earlier, namely

- the impossibility to expand to the US
- the lack of advertisement
- the long turn-around time,

NuPECC decides to terminate the agreement with Gordon & Breach. S. Gales, G. Morrison and G.-E. Körner get a mandate to continue the negotiations with IOP and develop the existing proposal into a contract. Due to the presence of H. Karow, ESF takes note of this move of NuPECC.

S. Gales has received a fax from G. Crawly (APS) confirming the intention of APS to join into the publication of NPN, see Appendix 5.

Negotiations on that side should also be continued. The time scales involved would allow a change of publisher in the middle of 1994, i.e. already for the third and forth issue.

## **6. Workshop on Impact and Applications**

The workshop will be held on February 2-6, 1994, at Dourdan. A grant of 35 KECU has been awarded by the CEC, which allows to cover 50% of the net costs of the workshop. A participation fee of ~ 2500 FF will be asked from the participants. A copy of the detailed budget of the workshop is enclosed as Appendix 6. B. Jonson offers to help in the organisation of the workshop.

NuPECC asks A. van der Woude to continue his work related with the report beyond the end of his term as a NuPECC member.

The neutron community, which has sent a letter to P. Kienle proposing additional members to the working groups, seems to be well represented already. G. Pappalardo will contact his working group concerning an expert in geology.

## **7. ELFE**

The preliminary abridged version of the final report on the ELFE project has been sent out.

NuPECC sets up a Study Group with the following terms of reference:

The Study Group should

- review the physics case
- examine the possible courses of action to bring the ELFE project to realisation
- prepare recommendations for NuPECC.

The NuPECC members in the Study Group are H. Doubre, C. Gaarde, P. Kienle, E. Otten, P. Picozza, I. Sick and P. Twin. P. Kienle will contact B. Wiik, M. Jacob, Leconte and/or Amaldi and ask them to participate. For additional expertise, Th. Walcher and another member of the steering committee should also be invited.

## **8. European Spallation Source**

H. Karow reports to NuPECC on the project of a European Spallation Source (ESS); see Appendix 7. NuPECC states that it is of course willing to collaborate in the framework of an ESF committee and to give advice in all questions concerning nuclear physics according to its Terms of Reference.

## 9. EUROBALL

A progress report from the EUROBALL Co-ordination Committee is distributed by P. Twin at the meeting. NuPECC congratulates the committee on its achievements; it is felt that NuPECC's recommendations have been well met by the community and that a way should be found to realize that project. G. Morrison is asked to report at the upcoming meeting of the funding agencies along those lines.

## 10. European Radioactive Beam Facilities

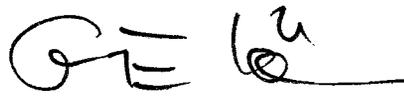
P. Kienle has received a letter from C. Detraz; a copy of the letter and P. Kienle's short answer has been sent out. It is felt that the field is developing well and that no stronger action by NuPECC is needed at that point. P. Kienle is asked to write a letter to C. Detraz explaining NuPECC's point of view.

## 11. Next Meetings

The next meeting of NuPECC will be held in conjunction with the workshop on "Impact and Applications of Nuclear Science" at Dourdan, which will be held on February 2 - 6, 1994.

The following meeting will take place on April 23 and 24, 1994, in Vienna.

Garching, November 17, 1993



(Gabriele-Elisabeth Körner)