

Minutes

of the Thirty-Sixth Meeting of the Nuclear Physics European Collaboration Committee (NuPECC)

held on November 5, 1999, in Trento

Participants:

- J. Äystö (Chairman)
- Ch. Bargholtz
- T. Døssing
- J. Durell
- A. Fonseca
- S. Galès
- D. Guerreau
- M. Harakeh
- M. Huyse
- H. Karow (ESF)
- G.-E. Körner (Scientific Secretary)
- H. Leeb
- M. Lozano
- G. Løvhøiden
- R. Malfliet (ECT*)
- J. Martino
- E. Migneco
- G. van Middelkoop
- W. von Oertzen (EPS)
- G. Ricco
- A. Shotter
- I. Sick

J. Jastrzebski, H.J. Specht, A. Wagner and Th. Walcher could not attend.

Agenda

- 1.) Minutes of the Last Meeting
- 2.) Report of the Chairman
- 3.) Relation with ESF
- 4.) Budget 1999 / 2000
- 5.) Nuclear Physics News International
- 6.) Concerted Action FINA/FINUPHY
- 7.) NuPECC Study Group on Radioactive Beam Facilities
- 8.) NuPECC Study Group on Computational Nuclear Physics
- 9.) Working Group on Impact and Applications
- 10.) OECD Global Science Forum
- 11.) Miscellaneous
 - PANS
 - ECT*
 - EPS
- 12.) Next meeting(s)

1. Minutes of the last meeting

The minutes of the thirty-fifth meeting are agreed upon without changes.

2. Report of the chairman

- J. Äystö welcomes Ch. Bargholtz as the new Swedish representative.
- J. Äystö participated in the meeting of the ELFE@CERN Study Group on September 1, 1999, together with S. Galès, J. Martino and G.-E. Körner. He was impressed by the quality of the input from CERN. The joint CERN-NuPECC Report is being printed and will soon be available. It can be found on the Web under [http:// home.cern.ch/~hbu/Elfe/report](http://home.cern.ch/~hbu/Elfe/report). The follow-up will be a physics report due in April 2000. In view of these upcoming reports, the discussion on ELFE will be taken up again at the next meeting of NuPECC.
- Meetings of the ECT* Board of Directors were held on July 12, 1999 and November 5, 1999.
- The NuPECC Progress Report 1999 was submitted to ESF. A copy is included.
- The European Commission is planning to hold a meeting of representatives of the Large Scale Facilities in Strasbourg on September 18 – 20, 2000. J. Vervier was asked to prepare a brochure on nuclear physics for this event, and he has been in contact with J. Äystö and G.-E. Körner on that.
- The EU proposals related with PANS have partially been approved; this will be reported under point 11 of the agenda.
- A joint meeting between NuPECC and the Study Group on radioactive Beam Facilities was held on October 11, 1999, at CERN, where first drafts were discussed. This will be reported on by J. Vervier and discussed under point 7 of the agenda.
- J. Äystö has received a letter from Th. Walcher concerning the status of ELFE and D. Guerreau concerning the delay of the start-up of SPIRAL. Copies of these letters are distributed .
- J. Äystö has received a letter from L. Foà nominating G. van Middelkoop as the ECFA representative to NuPECC.
- J. Äystö has written a supporting letter to Poland; a copy of this letter is distributed
- Additional copies of the 1997 report “ Nuclear Physics in Europe: Highlights and Opportunities” have been printed and are now available.

3. Relation with ESF

PESC has not yet filed a position versus the 1997 NuPECC Report “Highlights and Opportunities”. I. Halliday has been nominated as rapporteur; a set of criteria is still under discussion. A joint meeting between 3 PESC members and 3 NuPECC members is being envisaged.

The General Assembly to be held in November 1999 is asked to nominate J. Äystö as Chairman of NuPECC and to take note of the NuPECC Progress Report 1999.

The next review of NuPECC will take place in 2001.

H. Karow and J. Äystö are asked to write a letter to the funding agencies reminding them of NuPECC’s Terms of Reference and asking them to check whether terms of members have ended who should thus be replaced or renewed.

4. Budget 1999 / 2000

J. Martino reports on the status of the budget for 1999. All contributions have been paid except for Poland and the ECT*. The funds allocated for FINA are not included. Also in the proposed budget for 2000, no money for FINUPHY is taken into account. Copies of the transparencies are included.

J. Äystö thanks J. Martino for his effort.

5. Nuclear Physics News International

The last meeting of the Editorial Board took place on September 17, 1999, in Vancouver. The relevant part of the minutes is quoted as follows:

“ M.N. Harakeh welcomes I. Tanihata as new member.

S. Galès has looked into the possibility of producing NPN at IPN Orsay, but realised that he cannot compete with Gordon & Breach regarding the price.

TRIUMF has paid its contribution.

New correspondents have been found for Bulgaria, the Czech Republic, Hungary, Romania and Russia. Other replacements have been discussed (Israel, US). A correspondent for China, e.g. from Lanzhou, should be considered. The western European correspondents should be discussed at the next NuPECC meeting. Gordon & Breach will be informed about the changes in names that had not been made in NPN 9.3.

The Editorial Board should formulate a letter for Gordon & Breach to be used for potential advertisers.

Names of contact persons for potential advertisers are still highly desired and should be sent to Maureen Williams (mwilliams@nni.com)

At the meeting, lists of published contributions (feature articles, lab portraits etc.) have been distributed.

All members are asked to encourage their colleagues to write “letters to the editor” and “book reviews”; more authors should provide photos of themselves

Again: the envisaged lengths for the different types of contributions are roughly as follows: editorial - 1; laboratory portrait -6; feature article - 4-5; conference report - 1-2; facilities & methods - 3-4; considerably longer contributions lead to delays in the publication.”

There is still no financial contribution from EPS/NPB. W. von Oertzen states that EPS/NPB has no money and that there is no mechanism for paying. Since this is the first time that this is spelled out this way, NuPECC asks EPS/NPB for a formal letter before discussing further action.

The NuPECC members are asked to think about the effectiveness of the correspondents in their country and propose replacements if necessary.

6. Concerted Action FINA/FINUPHY

J. Vervier reports on the present activities within the Concerted Action FINA (Fourth Framework) as well as future projects within the Infrastructure Co-operation Network FINUPHY (Fifth framework). Copies of his transparencies are included. Also shown is a comparison of the money allocated to nuclear physics projects (no networks) in the Fourth and Fifth Framework in order to show the increase.

NuPECC thanks J. Vervier for his efforts.

7. NuPECC Study Group on Radioactive Beam Facilities

A joint meeting was held between NuPECC and the Study Group on October 11, 1999, at CERN. The conveners of the various chapters – J. Vaagen, H. Ravn, D. Habs, G. Münzenberg – presented their drafts. A revised version was sent by electronic mail to all NuPECC members. J. Vervier reports on the status of the report of the Study Group. A copy of the table of contents is enclosed. He also shows a compilation of the accepted RTD proposals related to radioactive beams and mostly triggered and put forward by members of the Study Group, i.e. EURISOL, CHARGE BREEDING, R3B, EXOTAG, INNOVATIVE ECRIS.

NuPECC congratulates the Study Group on this extensive work and recognises its importance. So NuPECC would like to extend the mandate of the Study Group in order to finalise this technical report on the status of the field. The NuPECC members are asked to send their comments to B. Jonson before the end of November. It is felt in particular that it is important to emphasise the need for two facilities and the intensity increase itself. Overlaps between the chapters should be removed and a few “key experiments” need to be defined.

In parallel, members of the Writing Group and a NuPECC Task Force should get together and prepare a 20 – 30 pages document for the funding agencies, in particular identifying the physics as well as the strategy towards a truly European laboratory. Members of the NuPECC Task Force are M. Huyse (chair), J. Durell and D. Guerreau.

8. NuPECC Study Group on Large Scale Computing

The final report of the Study Group as agreed upon by the group members was sent to all NuPECC members on September 30, 1999. H. Leeb is asked to formulate a draft for a NuPECC recommendation together with A. Fonseca and R. Malfliet. This recommendation should be passed at the next NuPECC meeting, and a NuPECC co-ordination subgroup established in order to bring the centres together and then approach the funding agencies.

9. Working Group on Impact and Applications

D. Guerreau reports on the status of this working group he is chairing, stressing that the new report should not be a remake of the previous one, but be more focussed on present activities close to basic research at the facilities. This work should be performed in close connection with one of the five activities within FINUPHY, “Interdisciplinary Use of Nuclear Physics Large Scale Facilities”. The outline suggested – inventory, sub-working groups on special topics with NuPECC liaison, town meeting – is supported and should be pursued, with the help of H. Specht (life sciences), H. Leeb and J. Martino (energy), M. Harakeh and W. von Oertzen (solid state physics). All NuPECC members interested are encouraged to contact D. Guerreau. Copies of his transparencies are enclosed.

10. OECD Global Science Forum

Due to lack of time, this item is postponed to the next NuPECC meeting.

11. Miscellaneous

- PANS

A. Shotter reports that the proposals PANS and PANSEXPO have been accepted and granted 160 k€ and 200 k€, respectively and the contracts are being negotiated; the application PANSWEB has been encouraged to resubmit their proposal by January 2000. Now a more formal structure should be established; J. Äystö, A. Shotter, W. von Oertzen and G.-E. Körner will draft a proposal for the next NuPECC meeting.

- ECT*

The ECT* would like to use NuPECC to secure the funding from the various funding agencies on a more regular than year-to-year basis.

- EPS

J. Durell is leaving the Nuclear Physics Board of EPS, and therefore resigns as the NuPECC representative to NPB/EPS. G. Løvhøiden is nominated as the new representative.

16. Next Meetings

The next meeting will be held on March 24 / 25, 2000, in Lisbon.

München, November 15, 1999



(Gabriele-Elisabeth Körner)