

Minutes

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

held on April 27 / 28, 2001 in Catania

Participants:

- J. Äystö (Chairman)
- Ch. Bargholtz
- J. Dobeš
- D. Guillemaud -Mueller
- D. Guerreau
- M. Harakeh
- W. Henning
- M. Huyse
- J. Jastrzebski
- G.-E. Körner (Scientific Secretary)
- H. Leeb
- G. Løvhøiden
- M. Lozano
- J. Martino
- G. van Middelkoop
- E. Migneco
- G. Ricco
- K. Riisager
- A. Shotter
- I. Sick
- A. Wagner
- Th. Walcher
- W. Weise (ECT*)

J. Durell, A. Fonseca and N. Williams (ESF) could not attend.

Agenda

- 1.) Minutes of the Last Meeting
- 2.) Report of the Chairman
- 3.) Applications – Interactions - Impact
- 4.) NSAC Meeting Report
- 5.) Radioactive Beam Facilities
- 6.) GSI Future Plans
- 7.) ELFE
- 8.) New Long Range Plan
- 9.) Nuclear Physics News
- 10.) Relation with ESF
- 11.) ECT*
- 12.) Miscellaneous
- 13.) Next meeting(s)

1. Minutes of the last meeting

The minutes of the thirty-ninth meeting are agreed upon with the following change: on page 6, under point 12, paragraph 3, “concertation” has to be replaced by “consultative”.

2. Report of the chairman

- J. Äystö welcomes the new members W. Henning and W. Weise. N. Williams, the new Scientific Secretary of PESC, could not attend the meeting.

- J. Äystö participated in the EURISOL meeting held on January 29, 2001, at CERN, but not in the one held on April 2, 2001, at GSI.

- J. Äystö has received a letter from A. Wagner concerning the publication of the Conceptual Design Report for TESLA and the specific aspects of ELFE@DESY, which are presented in the corresponding annex. The letter specifies also the cost for ELFE, which is not given in the TDR. A copy of this letter is distributed at the meeting. The topic will be further discussed under point 5 of the agenda

- J. Äystö could not attend the NSAC Meeting held on April 26 - 30, 2001, in Santa Fe, and has asked Th. Walcher to represent NuPECC there. He will report on the outcome under point 4 of the agenda.

- J. Äystö has participated in the meeting of the Board of Directors of ECT*. held on February 17, 2001, in Trento.

3. Applications – Interactions - Impact

The conveners of the three Working Groups, G. Kraft – Life Sciences -, C. Cohen – Atomic and Materials Science -, and J.P. Schapira – Energy – report on the status of their work. Copies of their presentations are included.

After discussion within NuPECC and the smaller group of the conveners and NuPECC liaison members, the following schedule for further actions is agreed upon:

- a joint workshop of all three groups will be held in Dourdan on November 21 – 23, 2001, aiming at about 150 participants in total for whom the stay at Dourdan can be covered by NuPECC

- for each group, 4 hours are allocated, out of which 2,5 hours should be used for presentation from the groups by speakers, who do not necessarily have to be members of the group, and 1.5 hours for discussion and short contributions from participants

- all NuPECC members and the conveners are asked to provide G.-E. Körner with names and addresses of possible participants

- a first circular should be sent out by June 15

- the speakers should be fixed by July 15

- the final programme and the documents from the three working groups should be sent to all participants by beginning of September.

It is agreed upon that one report, not three brochures should be written, aiming at a scientific community including science administrators.

4. NSAC Meeting Report

Th. Walcher reports on the NSAC Meeting held on April 26 - 30, 2001, in Santa Fe. The final recommendations from that meeting are the following:

- first priority is to maximise the utilisation of existing facilities (RHIC, CEBAF)
- highest priority of a new construction project is RIA, but it has to be realised outside the running budget
- next priority is an underground laboratory in the Homestake Mine
- following the upgrade of CEBAF to 12 GeV
- support of theory

5. Radioactive Beam Facilities

The envisaged brochure for the public is in the hands of J. Gillies at CERN for editing and improving. He will prepare a mock-up version for the next NuPECC meeting.

The EURISOL project has been extended by 9 months until September 30, 2002.

A. Shotter reports on a new project for Daresbury, a 230 MeV cyclotron for proton therapy which should also be used as a driver for radioactive beams.

6. GSI Future Plans

At the last NuPECC meeting, W. Henning gave an extensive report on the future plans at GSI. The German Science Council has set up a working group to review 9 large scale infrastructure projects including GSI, TESLA and ESS. GSI has received a questionnaire and a request for transparencies. a site visit of an expert subgroup is expected to take place in autumn. A Conceptual Design Report including cost estimates and road maps should also be ready by that time.

NuPECC appoints M. Harakeh as chairman of a working group to assess the project and put it in a European perspective. Members of the group are J. Äystö, D. Guillemaud-Mueller, G. Ricco, K. Riisager and I. Sick. The group will visit GSI and report at the next NuPECC Meeting.

7. ELFE

A. Wagner reports on the presentation of TESLA, held on March 23/24, 2001, at DESY. Copies of his transparencies are included. J. Martino is asked to give a short presentation of ELFE and NuPECC's assessment at the next meeting of the DESY Scientific Council end of May.

A topical workshop should be held in Paris in autumn; the original "ELFE@DESY" working group, J. Martino, I. Sick and Th. Walcher together with E. de Sanctis, is asked to approach the community and organise the workshop.

8. New Long Range Plan

It is agreed upon that a new bottom-up approach should be started now. J. Äystö will make contact with ESF and the EU and prepare a proposal for the next NuPECC Meeting.

9. Nuclear Physics News

The last meeting of the Editorial Board took place on April 6, 2001, in Amsterdam. The relevant part of the minutes is the following:

“M. Harakeh welcomes the newly appointed members by the EPS-NPB, R. Johnson (Surrey) and R. Lovas (Debrecen).

W. von Oertzen has sent an e-mail to M. Harakeh, referring to the change of chairmanship at EPS – Martial Duclos is chair since March 1, 2001 - ; still no money for NPN!

Gordon & Breach has been taken over by Francis and Taylor. The Editor has received an apparently general letter, and answered pointing out the specificity of Nuclear Physics News. Copies of both letters are enclosed. Due to this change, NPN 10.4 and 11.1 have been delayed and are now being distributed. NPN 11.2 will then be on schedule again.

M. Lozano and E. Moya found a new sponsor for the prize for the best transparency; a corresponding announcement should appear in one of the next issues.

K. Awasthi from NSC, India, proposes to be correspondent for his country. This is agreed upon. M. Harakeh will send him/her (?) the usual appointing letter.

The envisaged special issue on “energy” is now planned for NPN 12.3, in connection with PANS and the NuPECC Working Group. W. Kutschera, J. D’Auria and M. Lozano will conceive a framework for this issue. The aim is to educate our own community about nuclear energy and its advantages and disadvantages relative to other sources of energy.

Again, all members are asked to encourage their colleagues to write “letters to the editor” and “book reviews”; in case of book reviews, the editor or chair of EB could ask publishers to provide a free copy.

More authors should provide photos of themselves

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

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. The members of the Editorial Board are asked to point this out to future authors!”

M. Harakeh is asked to inform W. von Oertzen that EPS-NPB will be removed from the cover of NPN if no money has been received by July 1, 2001.

The next meeting of the Editorial Board will be held on October 15, 2001, in Oslo, in conjunction with the next NuPECC meeting.

10. Relation with ESF

The new Scientific Secretary of PESG, N. Williams, could not attend this meeting, but will come to the next one.

NuPECC endorses the proposal of ECT* to appoint J. Dobaczewski as new member to their Board of Directors.

The position paper on the Strasbourg conference on research infrastructures prepared by the group of attendants, chaired by D. Guerreau, was distributed before the meeting. D. Guerreau will circulate an amended version, reflecting the various inputs in the discussion, one last time and it will then be sent to ESF.

11. ECT*

W. Weise reports on his plans to run ECT* as a brainstorming centre for active exchange between theory and experiment. He stresses the importance to attract young people. The present members of the Board of Directors are J. Äystö, G. Baym, P. Chomaz, C. Ciofi degli Atti, J. Dobaczewski, K. Langanke, A. Poves and J. Wambach. Copies of the transparencies shown are included.

12. Miscellaneous

- EPS

R. Ricci could not attend the meeting and has sent an e-mail to J. Äystö; a copy is included.

G. Løvholden will attend the conference in Sandanski as the NuPECC Observer to EPS-NPB, without a special mission.

A representative from EPS-NPB should be invited to the workshop in Dourdan.

-ECFA

The new Long Range Plan for particle physics prepared by ECFA will be presented at the EPS conference on high-energy physics to be held on July 12 - 18, 2001, in Budapest.

- APEC

A committee for astrophysics, consisting of representatives of funding agencies and the community from Germany, France, the Netherlands and the United Kingdom, will be established by a MOU on May 2, 2001. It will be loosely bound to ESF and co-ordinate and referee new initiatives.

9. Next Meeting(s)

The next meeting will be held on September 14 / 15, 2001, in Oslo.

München, May 8, 2001



(Gabriele-Elisabeth Körner)