

## Communications

from the Fiftieth Meeting of the Nuclear Physics European Collaboration Committee

(NuPECC)

held on June 18 / 19, 2004, in Jyväskylä

Participants:

C. Bargholtz

T. Bressani

A. Eiró

G. Fortuna

D. Guillemaud – Mueller

D. Goutte

M. Harakeh (Chairman)

M. Huyse

J. Jastrzebski

R. Julin

G.-E. Körner (Scientific Secretary)

A. Krasznahorkay

H. Leeb

M. Leino (EPS/NPB)

A. Poves

K. Riisager

G. Ripka (ECT\*)

G. Rosner

H. Ströher

N. Williams (ESF)

C. Amsler, J. Dobeš, B. Fulton, B. Haas, W. Henning, G. Løvhøiden, G. van der Steenhoven and T. Walcher could not attend.

## Agenda

- 1.) Opening of the meeting
- 2.) Fixing the agenda
- 3.) Minutes of the Last Meeting
- 4.) Report of the Chairman
- 5.) Relation with ESF
- 6.) Nuclear Physics News
- 7.) PANS
- 8.) World Year of Physics 2005
- 9.) NuPECC Long Range Plan 2004
- 10.) Stable Beam Facility
- 11.) FP6 Integrated Infrastructure Initiatives, Design Studies
- 12.) NuPECC Handbook 2004
- 13.) Meeting with Funding Agencies
- 14.) Possible Procedure of Opening the Meetings to the Public
- 15.) Miscellaneous
  - EUROTRANS
  - ECT\*
  - ECFA
  - EPS/NPB
  - Classification of Journals
  - TRIUMF
  - NSAC
  - C12 Ad hoc Committee
- 16.) Next meeting(s)

## **1. Opening of the meeting**

The Physics Department of Jyväskylä is celebrating ten years of their new cyclotron facility and thirty years of research with cyclotrons with a half-day symposium.

## **2. Fixing the agenda**

The agenda is accepted as such; due to time constraints point 5 is discussed on Saturday.

## **3. Minutes of the last meeting**

The minutes of the forty-ninth meeting held on April 23 and 24, 2004, in Orsay, are agreed upon with the following changes: on page 3, point 4, 1<sup>st</sup> paragraph, “C. Bargholtz and” should be removed and on page 5, point 12, 3<sup>rd</sup> paragraph, at the end “as interim” has to be added.

## **4. Report of the chairman**

M.N. Harakeh welcomes the new member A. Poves as well as M. Leino representing EPS/NPB, the NSAC Chairman R. Casten and J. D’Auria from TRIUMF.

According to the discussion at the last meeting (see point 13 of the minutes) M.N. Harakeh has answered the letter by B. Erasmus concerning the rejected EU proposal and received an answer from J. Aichelin. The corresponding e-mails have been forwarded to all NuPECC Members.

M.N. Harakeh has sent letters to W. Weise and G. Bonvicini, President of the Istituto Trentino di Cultura, to thank them for their efforts for ECT\*. Copies of the letters are enclosed with the minutes.

M.N. Harakeh has informed R. Johnson about the new NuPECC Representative to EPS/NPB, G. Rosner.

S. Nagamiya has accepted to serve on the Editorial Board for Nuclear Physics News.

M.N. Harakeh has sent a letter to the Rektor of the Ludwig-Maximilians-Universität München; a copy of this letter is enclosed.

A. Wagner and J. Engelen have answered the inquiries by M.N. Harakeh concerning the future of nuclear physics experiments at DESY and CERN. The corresponding e-mail exchange has been forwarded to all Members of NuPECC.

No answer has been received to the letter to the Executive Council of FOM from April 8, 2004.

M.N. Harakeh participated in the meeting of FINUPHY on May 2 and 3, 2004, at Louvain-la-Neuve, and presented the NuPECC Long Range Plan 2004. FINUPHY has asked for a six-month extension until March 31, 2005. EURONS has been financed with another 20% cut; remaining problems have been solved by now.

M.N. Harakeh gave a presentation on nuclear physics in Europe at a workshop for the Multi-MW proton driver held at CERN on May 25 to 27, 2004.

M.N. Harakeh will participate in the meeting of the C12 Ad hoc Committee on future infrastructure in Göteborg on June 27, 2004, and present the plans for Europe there.

## **5. Relation with ESF**

Relevant documents on the discussions within ESF regarding ERC, ERA-NET plus and the input from ESF for the 7th Framework Programme, in particular on priorities and instruments, as well as the ESF Strategic Plan 2006-2010 have been sent by e-mail to all NuPECC Members. NuPECC is encouraged to provide input itself. N. Williams will identify the points where NuPECC could contribute. This information will then be distributed to the NuPECC Members who should submit their ideas to M.N. Harakeh. He will then produce a coherent paper, which will be reiterated within NuPECC before submission to PESC for the next meeting in October.

With respect to the criticism on the balance in NuPECC Membership, it is not quite clear what ESF expects from NuPECC. One possibility would be to get in contact with the nominating ESF MO and discuss what is needed.

The selection process for the first round of EURYI awards has started; a second call will be issued in September / October.

The NuPECC budget is healthy; thus the envisaged increase will be postponed by a year.

Negotiations with Greece to become member are progressing; no news from Croatia.

## **6. Nuclear Physics News**

The next meeting of the Editorial Board will only be held after the NuPECC Meeting on June 19, 2004.

A. Eiró will replace M. Lozano as Member of the Editorial Board. D. Guerreau will not be able to serve on the Editorial Board for “applications”. C. Trautmann (GSI) will be asked to replace W. Kutschera.

## **7. PANS**

A. Eiró agrees to replace C. Bargholtz in PANS.

EPS has matched the 4000 € support for PANS from NuPECC; the money will be used for a meeting of the active PANS members to discuss future project.

PANSI3, the initiative within EURONS, was cut by 75% and can therefore only be realised in a very light version.

The PANS Book has now appeared in Hungary and Sweden, and will come out in Portugal in fall 2004. Negotiations with publishers in The Netherlands and Italy are under way.

The FINUPHY Brochure “Nature at the Femto-Scale” has been sent out to the NPN mailing list and the facilities. A copy will be sent to representatives of funding agencies together with the NuPECC Long Range Plan (see point 9).

The first modules for the NUPEX project are now available on the website <http://www.nupex.org>. They were discussed at a meeting in Malta on May 6-9, 2004, and will continuously be improved.

## **8. World Year of Physics 2005**

The NuPECC Members present the status of various national activities planned by the physical societies, academies etc. M. Huyse will collect ideas for an eventual special issue of Nuclear Physics News.

## **9. NuPECC Long Range Plan 2004**

The NuPECC Long Range Plan is in print and will come out beginning of July. The final version including the cover is available on the NuPECC Website. M.N. Harakeh will write an accompanying letter to send a copy as well as a copy of the FINUPHY Brochure to representatives of the Funding Agencies and ESF Member Organisations. For this, all NuPECC Members are urged to provide G.-E. Körner with the corresponding names and addresses. After that the Long Range Plan will be sent out according to the NPN mailing list.

A meeting with representatives from the funding agencies is envisaged for October / November., see point 13 of the agenda.

For the next long range plan two NuPECC Liaison members and a Convenor for each working group should kick off the process with a town meeting where the working groups should be formed.

## **10. High Intensity Stable Beam Facility**

The Working Group has had a first meeting on June 4, 2004, in Orsay where several tasks were distributed. The next meeting is planned for October 7 and 8, 2004, in Legnaro. The meetings are supported financially within FINUPHY. A detailed report will be given at the next NuPECC meeting.

## **11. FP6: Integrated Infrastructure Initiatives, Design Studies**

The contract for I3HP as well as the Consortium Agreements have been signed. EURONS is now also funded; preparations for contract negotiations have started.

The Design Studies for EURISOL and FAIR have been accepted and will be financed. The Construction application of GSI is still under discussion, but looks promising, too.

## **12. NuPECC Handbook 2004**

For the 5<sup>th</sup> Edition of the NuPECC Handbook "International Access to Nuclear Physics Facilities in Europe" which mainly contains a compilation of information on user facilities active in basic nuclear research the following facilities have been added: ILL Grenoble, Debrecen, Rež, Cologne, LNGS Gran Sasso, Bochum. Strasbourg will be removed.

G.-E. Körner will collect the updated information for the facilities from the corresponding directors, for the institutes active in nuclear physics research from the NuPECC Members for their respective countries.

### **13. Meeting with Funding Agencies**

A meeting with representatives from the funding agencies is envisaged for October / November. NuPECC will be represented by M.N. Harakeh, G. Fortuna, D. Goutte, W. Henning and R. Julin. The NuPECC Long Range Plan 2004 should be presented and big projects be discussed. The invitation including the exact date will be included in the letter accompanying the Long Range Plan. G. Rosner strongly suggests the participation of a hadron physicist.

Due to space limitations, it is not possible to hold the meeting at ESF in Strasbourg.

### **14. Possible Procedures of Opening the Meetings to the Public**

The Friday morning sessions, where the situation of nuclear physics in the corresponding country is presented and discussed, could be made public. NuPECC should be introduced briefly by the Chairman, and young people should be met and given the opportunity to present their views.

Communications, i.e. the approved minutes without possible sensitive information, from the meetings and the agenda for the following meeting should be put on the NuPECC Website. This hopefully will trigger colleagues to contact their national representatives to add items to the agenda and/or ventilate their opinions regarding certain issues.

### **15. New Projects**

M. Leino presents the discussions within the Nuclear Physics Board of EPS on the possibilities of a medium / large scale facility in central Europe. T. Bressani, J. Jastrzebski and A. Krasznahorkay will join the EPS/NPB Task Force.

### **16. Miscellaneous**

- EUROTRANS: H. Leeb reports on the FP6 Integrated Project EUROTRANS which applied for 32 M€ for their application. The nuclear data part (2-3 M€) will be co-ordinated by Forschungszentrum Karlsruhe; negotiations are in progress. The mission is to maintain the knowledge and keep the level of education. A European network on nuclear education has been formed by universities and institutions, see <http://www3.sckcen.be/enen/> . More details will be provided at the next meeting.

- ECT\*: The super-cluster computer is installed and will be operational before the end of the year. Specifications will be posted on the ECT\* Website <http://www.ect.it> and a note will be published in Nuclear Physics News. M.N. Harakeh is asked to write a letter to the Chairman of the Board of Directors, P. Braun-Munzinger to point out that the body to be addressed is NuPECC, not ESF directly.

- ECFA: A report will be given at the next meeting.

- EPS: M. Leino reports on the last meeting of EPS/NPB on April 30 and May 1, 2004, in Valencia. EPS is discussing again its position on nuclear energy, ADS, transmutation, and will rewrite its position paper.

The list of invited speakers for the General Conference in Bern on July 11-14, 2005, will be available in June. The next Divisional Conferences will be held in Pavia, Debrecen, and Sandanski.

- Classification of Journals: M.N. Harakeh is asked to write a letter to publishers to reconsider their classification of journals such as Nuclear Physics B and Nuclear Instruments and Methods A.
- TRIUMF: J. D'Auria gives a report on the facility and physics programme of ISAC at TRIUMF.
- NSAC: R. Casten reports on the present activities of NSAC.
- C12 Ad hoc Committee: The Committee chaired by A. Thomas, will meet in Göteborg on June 27, 2004; presentations of the new projects in Europe, the US, Canada, Japan, and China will be given, the one for Europe by M.N. Harakeh.

### **17. Next meeting(s)**

The next NuPECC meetings will be held

on November 12 and 13, 2004 in Lisbon,  
on March 18 and 19, 2005, in Venezia,  
on June 24 and 25, 2005, in Debrecen and  
in November 2005 in Groningen.

München, July 9, 2004



(Gabriele-Elisabeth Körner)