

# Communication

from the Forty-Ninth Meeting of the Nuclear Physics European Collaboration Committee

(NuPECC)

held on April 23 / 24, 2004, in Orsay

Participants:

T. Bressani  
J. Dobeš  
B. Fulton  
D. Guerreau  
D. Guillemaud – Mueller  
M. Harakeh (Chairman)  
W. Henning  
M. Huyse  
J. Jastrzebski  
R. Julin  
G.-E. Körner (Scientific Secretary)  
A. Krasznahorkay  
R. Lovas (EPS/NPB)  
G. Løvhøiden  
G. Ripka (ECT\*)  
G. Rosner  
H. Ströher  
T. Walcher  
N. Williams (ESF)

C. Amsler, Ch. Bargholtz, A. Eiró, G. Fortuna, D. Goutte, H. Leeb, A. Poves, K. Riisager and G. van der Steenhoven 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.) Budget 2003 / 2004
- 7.) Nuclear Physics News
- 8.) PANS
- 9.) World Year of Physics 2005
- 10.) NuPECC Long Range Plan 2004
- 11.) Stable Beam Facility
- 12.) FP6 Integrated Infrastructure Initiatives, Design Studies
- 13.) Miscellaneous
  - ECT\*
  - ECFA
  - EPS
  - C12
  - GSI
  - Letter B. Erazmus
  - Letter R. Krücken
  - NuPECC Handbook 2004
  - INPC 2004
  - Situation in the US
  - Situation in France
  - Vice-Chairperson for NuPECC?
- 14.) Next meeting(s)

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

Presentations of the situation of nuclear physics in France are given by M. Spiro for IN2P3, J. Zinn–Justin for CEA and D. Guillemaud - Mueller for IPN Orsay. All presentations can be found on the NuPECC website under <http://www.nupecc.org/presentations>. M. Spiro explicitly proposes a meeting between NuPECC and the Funding Agencies. This will be discussed at the next meeting; in the meantime M.N. Harakeh will discuss a possible date and venue with D. Guerreau and W. Henning.

## **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-eighth meeting held on December 5 and 6, 2003, in Frascati are agreed upon with the following changes: on page 5, point 8, 7<sup>th</sup> sub-paragraph, “July 31, 2004” is to be replaced by “July 31, 2003”, at the end of the sub-paragraphs, the sentence “EPS/NPB will be asked for a matching contribution.” has to be added.

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

M.N. Harakeh welcomes the new member G. Rosner who is replacing J. Durell. M. Lozano is replaced by A. Poves who could not attend. D. Guerreau will be replaced after this meeting. M.N. Harakeh thanks all the leaving members for their work.

The letter written by M.N. Harakeh, J. Äystö and S. Galès to P. Busquin concerning EURONS as well as his answer were distributed to all NuPECC Members. The Programme Committee will meet on April 28, 2004, and EURONS is a point on the agenda. All NuPECC Members are urged to contact their national representatives for support. Apparently the Commission is willing to find the money to finance the proposals on the reserve list.

M.N. Harakeh and J. Äystö wrote articles for Nuclear Physics News and the CERN Courier on the NuPECC Long Range Plan, in particular explaining the process in detail.

After negotiations with the ESF with Greece and Croatia, instead of the funding agencies the interested institutions will join and nominate the national representatives for NuPECC.

All other items will be discussed under the respective points of the agenda.

## **5. Relation with ESF**

The report from the review panel was distributed to all NuPECC Members as well as M.N. Harakeh’s response. In a meeting called in by ESF between J. Marks (ESF) and the Chairs of the Review Panel and NuPECC misunderstandings were clarified. In the meantime, PESC noted the major recommendations of the NuPECC Review, concerning the balance of NuPECC membership and the need for closer working between PESC and NuPECC on strategic issues. PESC agreed to work with NuPECC on this second recommendation. NuPECC is now expecting a letter from ESF.

Greece and Croatia will become members of NuPECC via their corresponding institutions. Nevertheless, their delegates should be considered as national representatives.

N. Williams reports on ongoing activities within ESF such as the European Young Researchers scheme founded by the EuroHORCs and the debate on a European Research Council.

All contributions for 2003 have been received; there is a surplus of 40 k€ Therefore the subscriptions should be left as they are. The budget will be discussed under point 6 of the agenda.

Procedures for the activities of NuPECC such as opening the NuPECC meetings to the public will be discussed at the next meeting.

## **6. Budget 2003**

B. Fulton reports on the budget 2003; a copy of his transparency is enclosed with the minutes. The budget is approved. There are resources available for new projects.

## **7. Nuclear Physics News**

NuPECC decides to set a term of 3 years with one possible renewal for the members of the Editorial Board. The rotation of long-term members should happen successively. A broad representation of the various fields of nuclear physics should be observed.

The Japanese community proposes S. Nagamiya to replace I. Tanihata; this proposal is approved. NuPECC nominates D. Guerreau as successor to W. Kutschera for “applications”. The successor for M. Lozano will be discussed at the next NuPECC meeting.

## **8. PANS**

M.N. Harakeh proposes to ask K. Riisager to replace C. Bargholtz in PANS.

The first modules for the NUPEX project are now available on the website <http://www.nupex.org>. NuPECC Members can login under the username “nupecc”, password “NuPECC”. A test with teachers and pupils will be performed at the next NUPEX Meeting in Malta on May 7 – 9, 2004.

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

The NuPECC Members present report on the various national activities planned by the physical societies, academies etc.

NuPECC could co-ordinate a common day of open house at the laboratories and publish a special issue of Nuclear Physics News. This will be discussed at the next NuPECC Meeting.

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

The publication date for the NuPECC Long Range Plan will be changed to “April 2004”. It will then be printed within about four weeks. The NuPECC Members will get 5 copies each to send to their funding agencies. After that it will be sent out according to the NPN mailing list.

A meeting with representatives from the funding agencies is envisaged for September / October. Details will be discussed at the next NuPECC Meeting.

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

The Working Group has been completed; the members are F. Azaiez (Chair), G. De Angelis, R.D. Herzberg, S. Hofmann, R. Julin as well as M.H. Moscatello, A. Porcellato and U. Ratzinger. Its task will be to go through the physics case presented by the French community, identify collaborations as well as the technical requirements and prepare a document for NuPECC. A first meeting should be held before the next NuPECC Meeting. At the next FINUPHY Meeting, which will be held on May 3 – 4, 2004 in Louvain-la-Neuve, the possibility to find some funding for the Working Group should be discussed.

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

The contract for I3HP has been signed by the Commission; signatures by the institutions are expected next week, consortium agreements will be signed in the following weeks. Wrong information from the Commission led to a three months delay. The contract has been dated back to start from January 1, 2004, for 4 years, and comprises 17.4 M€

Hopefully EURONS will be financed, too, and start contract negotiations (see also point 4).

On March 4, 2004, Design Studies have been submitted by EURISOL – see proposal under <http://www.eurisol-ds.inl.infn.it/proposal/index.htm> username: eurisol, password: proposta – and GSI. The GSI Design Study is asking for 10 M€ and comprises storage rings and internal experiments there. Two more Design Studies dealing with dense matter as well as precision experiments for fundamental physics will be submitted in the next two years.

GSI is asking for 15 M€ construction money equivalent to 10 % of the project cost for Phase 1 of FAIR, the Facility for Antiproton and Ion Research, the upgrade of SIS18.

Spiral2 will ask for construction money next year.

### **13. Miscellaneous**

- ECT\*: M.N. Harakeh will write letters to the Istituto Trentino di Cultura to thank them for their continuous support as well as to W. Weise to thank him for his successful efforts.

- ECFA: M.N. Harakeh is asked to contact R. Aymar to talk about the future of the various nuclear physics experiments at CERN, and correspondingly A. Wagner for DESY.

- EPS: R. Johnson will be replaced by M. Leino as representative of EPS/NPB in NuPECC. NuPECC nominates G. Rosner as new observer to the EPS/NPB following G. Løvholden. M.N. Harakeh will inform

R. Johnson accordingly. At its next meeting in Valencia on May 1 and 2, 2004, EPS/NPB will decide about the requested 4000 € for PANS.

- C12: The Committee chaired by S. Nagamiya has set up a committee to assess the situation on large scale facilities world-wide. A first meeting will be held in Göteborg on June 27, 2004.

- GSI: In February 2004 the funding agencies of 10 countries have established an International Steering Committee for the FAIR project (ISC-FAIR). The task of the FAIR steering committee is to work out the legal and organisational bases for the construction of the international Facility, to negotiate the contribution of each country to the construction and to assure the scientific and technical excellence.

Therefore two working subgroups have been established by the ISC-FAIR:

- the working group for Administrative and Funding Issues (AFI-FAIR) and
- the working group for Scientific and Technical Issues (STI-FAIR).

The lists of the members of ISC-FAIR, AFI-FAIR and STI-FAIR are posted in the web:

<http://www-new.gsi.de/gsitools>

The new EU member countries, India and China will be invited also to become members of the Steering Committee of FAIR.

- Letter R. Krücken: The LMU München is currently preparing for significant structural changes and in this context planning for fading out Nuclear and Particle Physics. In order to support the community, letters have been sent to the Rektor of the LMU by GSI and KHuK, the German Committee for Hadronic and Nuclear Physics. Based on those and the draft from R. Krücken that is distributed at the meeting M.N. Harakeh will prepare a letter from NuPECC to the Rektor.

- NuPECC Handbook 2004: will be discussed at the next meeting

- INPC 2004: The number of registrations is still low; B. Jonson will be given the possibility to send out another announcement via the NuPECC mailing list. The NuPECC members should encourage their colleagues to participate.

- Situation in the US: The proposed radioactive beam facility RIA obtained Critical Decision 0 (CD0) from the Department of Energy in February. CD0 for the upgrade of CEBAF at Jefferson Lab to 12 GeV was approved in April. CD1, CD2, and CD3 are expected to come in the following 1, 2, and 3 years. DOE requests that 10% of the 250 M\$ come from other sources and will thus approach European countries.

- Situation in France: The protests under the title "save research" that were widely accepted by the population were successful. The 550 permanent positions are open as planned, and the missing money from the budget 2002 will be transferred from the ministry to CNRS. It also started a discussion on the structure of research.

- Vice-Chair for NuPECC: The majority of the NuPECC Members is against formally establishing a Vice-Chair for NuPECC. If necessary, an acting chairman should be chosen such as was done for the NuPECC meeting in Oslo in September 2001.

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

The next NuPECC meetings will be held

on June 18 and 19, 2004, in Jyväskylä and

on November 12 and 13, 2004 in Spain or Portugal.

München, May 14, 2004

(Gabriele-Elisabeth Körner)