

Communications

of the Fifty-Third Meeting of the Nuclear Physics European Collaboration Committee

(NuPECC)

held on June 24 / 25, 2005, in Debrecen

Participants:

C. Amsler
J. Dobeš
G. Fortuna
B. Fulton
D. Goutte
D. Guillemaud – Mueller
H.-Å. Gustafsson
B. Haas
M.N. Harakeh (Chairman)
S. Harissopulos
P.-H. Heenen
R. Julin
G.-E. Körner (Scientific Secretary)
A. Krasznahorkay
H. Leeb
R. Lovas (EPS/NPB)
A. Poves
K. Riisager
G. Rosner
H. Ströher
J. Styczen
J. Wambach

J.-P. Blaizot (ECT*), T. Bressani, A. Eiró, W. Henning, D. Röhrich, G. van der Steenhoven and N. Williams (ESF) 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) Nuclear Physics News
- 6) PANS
- 7) ECOS
- 8) EURISOL Design Study
- 9) GSI Design Study and Status of FAIR
- 10) ERA-NET in Nuclear Physics
- 11) Nuclear Physics in FP7
- 12) Survey on Resources
- 13) Election New Chairman
- 14) Miscellaneous
 - NuPECC Mailing List
 - EWON
 - ECT*
 - EPS/NPB
 - NSAC
- 15) Next meeting(s)

1. Opening of the meeting

In the morning, presentations are given on various nuclear physics activities in Hungary. The files of the presentations can be found on the NuPECC website under <http://www.nupecc.org/presentations>.

At the opening of NuPECC meeting in the afternoon, the Chairman officially welcomes Sotirios Harissopulos, who is now attending as Greece representative. He also welcomes Victor Zamfir, who is now attending as an observer, and hopes that next meeting he will attend as representative of Romania. Welcome to Rezső Lovas as representative of NPB/EPS and Chavdar Stoyanov who expressed interest in attending this meeting as observer.

Apologies from NuPECC members who could not attend are mentioned.

2. Fixing the agenda

The accepted agenda is given on page 2; point 13 is advanced; point 14 (NSAC) is discussed in a telephone conference with R. Casten (NSAC Chair) on Friday afternoon

3. Minutes of the last meeting

The minutes of the fifty-second meeting held on March 18 and 19, 2005, in Venezia, are agreed upon with the following changes: on page 3, point 4, fourth paragraph, “2005” has to be replaced by “2004”; on page 6, point 15, first paragraph, last line, “together with I3HP” has to be added after “joint professor position”. The minutes will be put on the NuPECC Website as they are.

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4. Report of the chairman

“Coordinated and sent contribution of NuPECC to Strategic Plan of ESF.

Attended meeting of EWON/EURONS in Bucharest, Romania on 13-14 May. Discussed with various representatives of Balkan countries their research projects and efforts and involvement in projects in other European countries. Also, membership in NuPECC was discussed. Romania decided to join and Victor Zamfir has sent an application letter to become member. A copy of the letter will be distributed. Also gave a seminar on “Future of nuclear physics in Europe”.

We had a meeting with several funding agencies (Britain, France, Germany, Italy), ESF, EU and ESFRI representatives on 27 May 2005 in Paris. Representing NuPECC in this meeting were Brian Fulton, Rauno Julin, and the Chair and Scientific Secretary. Two NuPECC members could not attend: Tullio Bressani and Hans-Åke Gustafsson. It was a very positive meeting and the participants decided to form an ERA-NET for nuclear physics research in Europe and apply in the coming period, i.e. October 2005. Although we are not a funding agency, NuPECC will participate in this ERA-NET.

On 23 May 2005 the French colleagues received a letter from the Minister giving the green light to start with the construction of SPIRAL2. NuPECC’s LRP and Roadmap has helped realise this. We offer our warmest congratulations to our French colleagues on this success and wish them further success with the construction and exploitation of SPIRAL2.

Attended the meeting of ECT* Board on 11 June 2005.

During the International Symposium on Exotic Nuclear Systems (ENS'05) that took place this week (June 20-25, 2005) in Debrecen I gave a talk with the title "Strategic Plan for Nuclear Physics Research in Europe", based on the NuPECC LRP2004.

Roman Caplar is also making progress but there is no clear date for Croatia to join NuPECC."

5. Nuclear Physics News

The next meeting of the Editorial Board will be held on July 11, 2005, in Vancouver. Since EPS is not able to pay its contribution, "EPS/NPB" has been removed from the cover. H. Ströher is appointed as new Member of the Editorial Board, replacing G. van der Steenhoven. The special edition for the World Year of Physics 2005 is in print and will come out soon.

6. PANS

For the PANSI3 project, the core group of the public awareness representatives from the five institutions involved has been formed. Its members are K.-D. Gross (GSI), Ph. Chomaz (GANIL), D. Napoli (LNL), M. Koopmans (KVI), and C. Angulo (Louvain-la-Neuve). They will have a first meeting in connection with the EURONS PCC and GA meeting in Bordeaux on September 29 and 30, 2005. The envisaged deliverables for this project will be the report on a workshop on communication skills, and – based on this – a report for the layman on selected activities at the research infrastructures.

A first meeting of the Co-ordinator H. Leeb and the PR experts will be held in München on July 14, 2005, in order to discuss the scope of the workshop which will be held in spring 2006 at one of the labs.

7. High Intensity Stable Beam Facility ECOS

F. Azaiez reports on the status; his presentation can be found on the NuPECC website under <http://www.nupecc.org/presentations>.

8. EURISOL Design Study

G. Fortuna reports on the status of the EURISOL Design Study. His presentation can be found on the NuPECC website under <http://www.nupecc.org/presentations>.

9. GSI Design Study and Status of FAIR

Due to the absence of W. Henning no report on the status of FAIR is given.

10. ERA-NET in Nuclear Physics

A first meeting with representatives from Funding Agencies from France, Germany, Italy and UK as well as representatives of EC and ESF in order to prepare an application for an ERA-NET in Nuclear Physics

was held on May 27, 2005, in Paris. The agenda and list of participants as well as the presentations given there can be found on the NuPECC Website under http://www.nupecc.org/Paris_May2005; the minutes of the meeting were sent to all NuPECC members. NuPECC is not eligible to be a Participant, but will be an Associate Member. Its role has to be clearly defined in the proposal.

The application is due on October 4, 2005; a pre-proposal check is offered with a deadline of September 4, 2005. S. Galès, M.N. Harakeh, G. Fortuna, B. Fulton and W. Henning should now provide input for the Writing Committee S. Galès, A. Bracco, P. Butler, D. Müller, B. Pedoux-Richard, J. Wambach and G.-E. Körner.

11. Nuclear Physics in FP7

NuPECC should aim at only one application for Integrated Infrastructure Initiatives and make sure that there is no ceiling. Action in this direction should be taken already now in order to kick-start the process. For this a task force is formed; its members are B. Fulton, D. Guillemaud-Mueller, and G. Rosner together with the two I3 Co-ordinators C. Guaraldo and A.C. Mueller.

12. Survey on Resources in Nuclear Physics

B. Fulton presents his concept for a new survey; his presentation can be found on the NuPECC Website under <http://www.nupecc.org/presentations>.

As compared to the survey done in 1997, the subfields chosen should be the six topics of the LRP plus “running facilities” plus “experimental developments”; the question on “international collaborations” will be dropped.

Each NuPECC Member will be responsible for the distribution of the questionnaire in own country; for countries with several NuPECC Members (D, F, I, NL, UK), one name should be given to G.-E. Körner.

Romania and Croatia should be included.

13. Election New Chairman

The Search Committee composed of W. Henning, R. Julin and K. Riisager gathered input, talked to potential candidates and put up a list of three names: B. Fulton, G. Rosner and H. Ströher.

First the possibility to re-elect the present chairman was voted on in secret; the result was 12 yes, 12 no and 1 abstention; due to the lack of a clear mandate, M.N. Harakeh withdraws from a possible candidacy. There should be a general discussion on this option at one of the future NuPECC meetings.

After a short presentation of the candidates, the ballot is performed in their absence and B. Fulton is elected.

M.N. Harakeh will write a letter to ESF proposing to nominate B. Fulton as Chairman of NuPECC from January 1, 2006 to December 31, 2008.

14. Miscellaneous

- NuPECC Mailing List: In order to improve the NuPECC e-mailing list, G.-E. Körner urges all NuPECC Members to provide her with e-mailing lists from their institutions, conferences, etc. in plain text format!
- SEENet: S. Harissopulos reports on the South East European Nuclear Physics Network; a copy of his presentation can be found on the NuPECC Website under <http://www.nupecc.org/presentations>. A working group is formed to look into the physics case for creating a network of small accelerators; its members are J. Dobeš, B. Haas, S. Harissopulos, H. Leeb, J. Styczen and V. Zamfir.
- ECT*: The TeraFlop system is now running; several proposals have been accepted, not only from nuclear physics. NuPECC endorses the appointment of two new members for the Board of Directors: P. Van Isacker (Caen) and W. Alberico (Torino), replacing E. Moya de Guerra and M. Baldo.
- ECFA: Due to the absence of G. van der Steenhoven, the Chairman presents the transparencies on ECFA sent by Van der Steenhoven. A copy of the transparencies is given on the NuPECC Website under <http://www.nupecc.org/presentations>.
- EPS/NPB: EPS will prepare a new position paper on nuclear energy. W. Heil and P. Jeanmarchais were awarded this year's IBA prize. R. Johnson will send a letter to NuPECC stating the fact that it seems unrealistic to expect a financial contribution for Nuclear Physics News.
- NSAC: R. Casten reports by phone on the work of the NSAC Working Group chaired by R. Tribble that was charged to reassess the long-range plan under three different budget scenarios. The findings of the Working Group can be found under http://www.sc.doe.gov/np/nsac/docs/nsac-report-final1_Tribble.pdf

15. Next meeting(s)

The next NuPECC meetings will be held

on November 18 and 19, 2005, in Groningen

on March 17 and 18, 2006, in Athens

on June 9 and 10, 2006, in Krakow

on October 27 and 28, 2006, in Bordeaux

München, August 1, 2005

(Gabriele-Elisabeth Körner)