Minutes

of the Sixty-First Meeting of the Nuclear Physics European Collaboration Committee (NuPECC)

held on March 7 / 8, 2008, in Madrid

Participants: C. Amsler

J. – P. Blaizot

A. Bracco

T. Bressani

J. Dobeš

B. Fulton (Chairman)

J. J. Gaardhøje

D. Goutte

B. Haas

M.N. Harakeh

P. - H. Heenen

R. Julin

G. - E. Körner (Scientific Secretary)

A. Krasznahorkay

J. Kvasil (EPS/NPB)

A. Poves

D. Röhrich

G. Rosner

H. Ströher

J. Styczeń

E. Widmann

V. Zamfir

P. Bressler (ESF), R. Čaplar, A. Eiró, D. Guillemaud – Mueller, H. - Å. Gustafsson, S. Harissopulos, T. Peitzmann, H. Stöcker, and J. Wambach could not attend.

Agenda

| 1) | Opening of the Meeting |
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| 2) | Fixing the Agenda |
| 3) | Minutes of the Last Meeting |
| 4) | Report of the Chairman |
| 5) | ESF |
| 6) | ECT* |
| 7) | NuPECC Budget |
| 8) | Nuclear Physics News |
| 9) | PANS |
| 10) | Small Scale Facilities |
| 11) | Nuclear Physics in FP6 and FP7 - Report on Status of New IA Bids - Status of EURISOL - Status of FAIR and SPIRAL-2 - NuPNET Update |
| 12) | Search Committee for Election of New Chair |
| 13) | Miscellaneous - EPS/NPB - ESFRI - ECFA and CERN Council Strategy Group - OECD – GSF and IUPAP C12 – WG9 - Options for an EIC |
| 14) | Next Meetings |

1. Opening of the meeting

NuPECC is welcomed by the Vicepresidente del Consejo Superior de Investigaciones Cientificas, Dr. José Manuel Fernández de Labastida, and the Directora General de Investigaciones del Ministerio de Educación y Ciencia, Dr. Montserrat Torné, followed by a response from B. Fulton. Presentations are given on various nuclear physics activities in Spain. The files of all the presentations can be found on the NuPECC website under http://www.nupecc.org/presentations.

2. Fixing the agenda

The accepted agenda is given on page 2.

3. Minutes of the last meeting

The minutes of the sixtieth meeting held on October 27 / 28, 2007, in Bucharest, are agreed upon with the following change: on page 3 under point 3, "SPIRAL SAC" has to be replaced by "SPIRAL2 SAC". With this modification the minutes will be put on the NuPECC Website under http://www.nupecc.org/communications as they are.

4. Report of the chairman

Since the last meeting, on behalf of NuPECC B. Fulton has:

- written to extend the Committee's thanks to two long standing members who retired W. Henning and G. Fortuna
- worked with the appointed sub-committee of P.-H. Heenen and S. Harissopulos to consider the secretary's allowance and brought a proposal for an increase to the committee which was accepted
- agreed a one-year trial of colour printing for Nuclear Physics News, taking advantage of the dollar weakness
- continued discussions with ECT* over the renewal of the "Protocol" between NuPECC and the Bruno Kessler Foundation (previously Istituto Trentino di Cultura). This issue will be discussed under point 6 of the agenda
- attended the last meeting of the OECD Global Science Forum Working Group on Nuclear Physics. The report has been completed and is awaiting approval from the OECD Council, after which he will circulate copies. The report is very much along the lines of NuPECC thinking. One issue is the possibility of an enhanced role for WG9 see point 17 of the agenda
- attended the ESF Assembly in Strasbourg 28-30 November, which included a meeting with the CEO and other Chairs. The only significant issue for NuPECC is that the review of Expert Boards and Committees has been postponed until later this year
- attended the ECT* Board meeting in Trento on 19 January (see point 6 of the agenda)
- engaged in communications with representatives of the Particle Physics community regarding NuPECC interest in an Electron Ion Collider project at CERN (see point 17 of the agenda). The corresponding e-mail exchange has been sent to all NuPECC Members

Forthcoming work is:

- to represent NuPECC at the following meetings: Meeting of NSAC in Washington on 17 March (presentation on NuPECC activities); Kick-off meeting for NuPNET in Paris on 27 March; Meeting of IUPAP WG9 at CERN on 29 May (presentation on NuPECC activities).

For the future, B. Fulton is asked to send out his notes before the meeting if ready.

5. ESF

Due to the absence of P. Bressler, a report on present ESF activities is postponed to the next meeting.

6. ECT*

A. Richter will succeed J.-P. Blaizot as new Director; the new Chair of the Board of Directors will be B. Friman.

The renewal of the agreement between NuPECC and ECT* is delayed by the local authorities; new rules for the position of ECT* in the Bruno Kessler Foundation (previously Istituto Trentino di Cultura) are under discussion by a Working group whose members are J.-P. Blaizot, B. Fulton, P. Hoyer and R. Leonardi.

J.-P. Blaizot reports that agreements on funding from Austria and Romania have come to a successful conclusion and it is hoped agreements will soon be reached with Greece and Poland. NuPNET will be contacted and asked to help co-ordinate the ad-hoc agreements.

On the occasion of the 15th anniversary of ECT*, sponsors will be invited for a meeting at ECT*. All NuPECC Members are asked to get back to B. Fulton and J.-P. Blaizot with suggestions as to who should be invited for their country / funding agency.

NuPECC explicitly thanks J.-P. Blaizot and P. Hoyer for their continuous efforts for ECT*.

7. NuPECC Budget

Due to the absence of S. Harissopulos, a report on the budget is postponed to the next meeting.

8. Nuclear Physics News

The last meeting of the Editorial Board was held on October 27, 2007, right after the NuPECC Meeting. Only B. Fulton and P.-H. Heenen represented Europe whereas all three Board members from America were present. The Editorial Board decided to inquire with the publisher whether full colour could be used for the issues of Volume 18 under the same conditions as for the special issues on the World Year of Physics 2005 and FAIR 2007. After the consent of a majority of NuPECC Members this is now in effect.

Again, the NuPECC Members are asked to continue to contribute proposals for articles.

The next meeting of the Editorial Board will be held in Berkeley on May 10, 2008.

9. PANS

The Steering Group for the PANSART proposal for the exhibition on "Nuclear Science and Cultural Heritage" (C. Leclerq-Willain, A. Eiró, S. Harissopulos, A. Pascolini and I. Reiche) under the new co-ordinator S. Harissopulos had a meeting in Venice on February 29, 2008 to improve the proposal for resubmission for the next call on March 18, 2008.

The deliverable of the PANSI3 initiative, a folder for the public on highlights and activities of EURONS, is in print and will be presented at the next EURONS meeting in Vienna on April 4, 2008.

10. Small Scale Facilities

B. Haas reports on the outcome of the workshop held on September 7 and 8, 2007, on Crete; his presentation can be found on the NuPECC website under http://www.nupecc.org/presentations. The 8 middle and eastern European labs (Bucharest, Warsaw, Debrecen, Řež near Prague, Athens, Zagreb, Sofia, Kraków) will be organised in a JRA in ENSAR, the new Integrated Activity proposal for nuclear structure in FP7 (see also point 11 of the agenda). For each of them, a field of excellence was identified. A few facilities led by Rossendorf will apply for an IA (SPIRIT) for nuclear physics applications in FP7.

11. Nuclear Physics in FP6 and FP7

- C. Guaraldo reports on HadronPhysics2, the new Integrated Activity for hadron physics in FP7; his presentation can be found on the NuPECC website under http://www.nupecc.org/presentations.
- M.N. Harakeh reports on ENSAR, the new Integrated Activity for nuclear structure in FP7; his presentation can be found on the NuPECC website under http://www.nupecc.org/presentations.

NuPECC thanks C. Guaraldo and M.N. Harakeh for their effort for the community.

- E. Widmann reports on FUNDAMENTAL, the new Integrated Activity for fundamental physics in FP7; his presentation can be found on the NuPECC website under http://www.nupecc.org/presentations.
- Y. Blumenfeld reports on EURISOL; his presentation can be found on the NuPECC website under http://www.nupecc.org/presentations. A report from the Management Board featuring a procedure to continue the project after the FP6 funded design study ends in 2009 is being prepared and will be sent to B. Fulton, then to the NuPECC Members.
- S. Galés reports on the status of Spiral2; his presentation can be found on the NuPECC website under http://www.nupecc.org/presentations.
- S. Galés reports on NuPNET, the ERANET in nuclear physics; his presentation can be found on the NuPECC website under http://www.nupecc.org/presentations. The project started on March 1, 2008, and will have its kick-off meeting on March 27, 2008, in Paris.

12. Search Committee for Election of New Chair

The rules prepared by M.N. Harakeh were sent again to the NuPECC Members before the meeting. M.N. Harakeh (Chair), H.- Å. Gustafsson and B. Haas are nominated as members of the search committee. According to the rules they will propose up to three candidates for the election at the next meeting.

13. Miscellaneous

- EPS/NPB: J. Kvasil reports that the EPS Position Paper on nuclear energy has been published on the EPS website and sent to the presidents of physical societies. The big European nuclear physics conference will be held in Bochum on March 16-20, 2009, and organised by U. Wiedner and O. Scholten.
- ESFRI: The process for the update of the roadmap is ongoing; the updated roadmap is supposed to be ready by September 2008. For the subsequent round it will be necessary to discuss whether it is timely to put up EURISOL. In order to get more information on other big projects being discussed, B. Fulton will find out a) together with D. Goutte and V. Zamfir who should be invited to inform NuPECC about projects for intense light sources (ELI, HIPER) and b) together with J.J. Gaardhøje and A. Poves who could be invited to report on the importance of neutrons for nuclear physics and c) invite someone from ESS e.g. P. Tindemans for the next NuPECC meeting.
- ECFA and CERN Council Strategy Group: B. Fulton was approached by J. Daynton and M. Klein concerning the interest in the nuclear physics community about the possibility of an electron ion physics programme using the LHC. The corresponding e-mail exhange has been forwarded to all the NuPECC Members. This is discussed under the last item of this point of the agenda.
- OECD GSF and IUPAP C12 WG9: The Report from the nuclear physics group will be presented to the OECD Council on March 10, 2008. After approval it will be circulated. The recommendations feature the open access to research infrastructures based on scientific excellence as well as the future role of WG9 for strategic planning. On the long term the preparation of a global roadmap is envisaged, based on national and regional roadmaps e.g. the long range plans from NuPECC and NSAC. The next meeting will be held on May 29, 2008, at CERN.
- Options for an EIC: G. Rosner presents his views on the physics case and the various options for an EIC in Europe (LHeC) and the US (eRHIC, ELIC); his presentation can be found on the NuPECC website under http://www.nupecc.org/presentations. The Working Group (G. Rosner, T. Bressani, J.J. Gaardhøje, H. Ströher) will assess the situation, explore the most attractive approach and give an interim report at the NuPECC Meeting in Glasgow on October 3 and 4, 2008. B. Fulton together with G. Rosner and J.J. Gaardhøje should meet with the LHeC proponents in order to discuss the merits of that proposal.

14. Next Meetings

The next NuPECC meetings will be held

on June 13 and 14, 2008, in Zagreb on October 3 and 4, 2008 in Glasgow

München, April 2, 2008

(Gabriele - Elisabeth Körner)