

Minutes

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

held on June 13 / 14, 2008, in Zagreb

Participants:

C. Amsler
A. Bracco
T. Bressani
P. Bressler (ESF)
R. Čaplar
B. Fulton (Chairman)
J. J. Gaardhøje
D. Guillemaud – Mueller
B. Haas
M.N. Harakeh
S. Harissopulos
G. - E. Körner (Scientific Secretary)
A. Krasznahorkay
J. Kvasil (EPS/NPB)
T. Peitzmann
G. Rosner
H. Stöcker
J. Styczeń
J. Wambach
E. Widmann
V. Zamfir

J. – P. Blaizot, J. Dobeš, A. Eiró, D. Goutte, H. - Å. Gustafsson, P. - H. Heenen, R. Julin, A. Poves, D. Röhrich and H. Ströher 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) ESF
- 6) ECT*
- 7) NuPECC Budget
- 8) Nuclear Physics News
- 9) PANS
- 10) Small Scale Facilities
- 11) Electron ion Collider
- 12) Nuclear Physics in FP6 and FP7
- 13) Election of New Chair
- 14) Additional Activities
 - EPS/NPB
 - ESFRI
 - ECFA and CERN Council Strategy Group
 - OECD – GSF
 - IUPAP C12 and WG9
- 15) Miscellaneous
- 16) Next Meetings

1. Opening of the meeting

NuPECC is welcomed by the Chairman of the Scientific Council and the Head of the Division of Nuclear Physics of the Rudjer Bošković Institute, followed by a response from B. Fulton and a welcome address by the State Secretary of the Croatian Ministry of Science, Education and Sports. Then presentations are given on various nuclear physics activities in Croatia. The detailed programme is enclosed. 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. Points 11, 12 and 13 are treated on Saturday.

3. Minutes of the last meeting

The minutes of the Sixty-First meeting held on March 7 / 8, 2008, in Madrid, are agreed upon without changes. They will be put as they are on the NuPECC Website under <http://www.nupecc.org/communications>.

4. Report of the chairman

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

- Attended a meeting of NSAC in Washington (March 17, 2008) and given an update on NuPECC activities and developments in Europe. A written summary of the meeting was emailed to members.
- Attended the “Kick-Off” meeting of NuPNET in Paris (March 27, 2008). A written summary of the meeting was emailed to members.
- Attended a meeting of the NPN Editorial Board in Berkeley (June 10, 2008) (see point 8 of the agenda).
- Attended a meeting with representatives of the LHeC project at Daresbury (May 14, 2008) along with G. Rosner and J. J. Gaardhøje (see point 11 of the agenda).
- Attended a meeting of WG9 of IUPAP at CERN (May 29, 2008) and given an update on NuPECC activities and plans (see point 14 of the agenda).
- Attended a meeting of the Board of ECT* at Trento (June 2, 2008) (see point 6 of the agenda).
- Engaged in discussion with members of the EURISOL DS Steering Group on how the project might develop after the DS is completed. An email was sent to members and will be discussed later in the agenda. Y. Blumenfeld will attend the next NuPECC meeting in Glasgow on October 3 and 4, 2008 for a fuller discussion.
- Following the discussions at the last meeting, invited the following speakers to attend the next NuPECC meeting in Glasgow on October 3 and 4, 2008: P. Tindemans to talk on nuclear physics opportunities with ESF, G. Mourou to talk on nuclear physics opportunities with HIPER and ELI and A. Nichols to report on development in data stewardship activities in Europe.
- Written to M.N. Harakeh to congratulate him on the honour of his appointment as officer in the order of Oranje Nassau.

- Asked M.N. Harakeh to respond to an invitation to present NuPECC's LRP at the meeting held in Giens on June 9 – 13, 2008, as he was attending a meeting of the UK Funding Council where Nuclear Physics funding was being decided.

5. ESF

P. Bressler reports on present ESF activities; his presentation can be found on the NuPECC website under <http://www.nupecc.org/presentations>. He stresses the INIF (Interdisciplinary New Initiative Funds) ECRIN - European Capability for Radio-Isotopic devices and Nuclear engines. More information will come from ESF later.

6. ECT*

J.-P. Blaizot is not able to attend the meeting, thus B. Fulton reports on ECT*. Due to the transition from the Istituto Trentino di Cultura to the Bruno Kessler Foundation, discussions on a new MoU are still in progress. NuPECC agrees that B. Fulton signs an extension of the present MoU until the end of 2008. The new agreement will be discussed at the next NuPECC Meeting on October 3 and 4, 2008, in Glasgow.

More details on the meeting on the occasion of the 15th anniversary of ECT* on September 24 and 25, 2008, will be given in a letter from J.-P. Blaizot.

NuPECC endorses the nomination of M. Anselmino to succeed P. Hoyer in the Board of Directors.

7. NuPECC Budget

S. Harissopulos shows the present status of the budget; a copy is enclosed with these minutes. NuPECC decides to allocate 25 k€ to the new Long Range Plan.

8. Nuclear Physics News

The last meeting of the Editorial Board was held on May 10, 2008, in Berkeley with the highest attendance compared to recent meetings. The first edition of NPN with full colour is printed and considered to be a big improvement. The recent practice of asking NuPECC Members to suggest topics for articles or possible authors has proved successful and should continue. A special edition on J-PARC is planned for 2009. The next meeting of the Editorial Board will be held on October 4, 2008, in Glasgow right after the NuPECC Meeting.

9. PANS

Due to technical problems the submission of the revised PANSART proposal for the exhibition on "Nuclear Science and Cultural Heritage" on March 18, 2008, was not successful. Since most probably there will be no similar call in the near future, the proposal will be modified for the next call (deadline July 21, 2008) by S. Harissopulos and A. Pascolini. The new call focuses on young people and does not need to involve museums. A participation of at least 10 countries is required. NuPECC agrees that available funds be used for the preparation.

10. Small Scale Facilities

The Integrated Action SPIRIT for nuclear physics applications (see also point 12 of the agenda) that was presented and discussed at the workshop on Crete (see <http://www.nupecc.org/nupecc/ssf>)

was rated very highly and will almost certainly be funded. This is a good example for excellent use of NuPECC funds.

S. Harissopulos reports on a workshop of the nuclear astrophysics community, held in Athens on December 14 and 15, 2007, that was supported by ESF. His presentation can be found on the NuPECC website under <http://www.nupecc.org/presentations>. A core group was formed with the following members: M. Arnould, L. Gialanella, S. Harissopulos, J. Jordi and A. Zilges. NuPECC proposes to add P. Pratti as expert for underground studies. The core group will meet in fall and start preparing a report similar to ECOS, i.e. define the physics case and assess the necessary facilities and equipment. A proposed name is ENASTRON – European Nuclear ASTROphysics Network; NuPECC supports this activity and allocates 10 k€. S. Harissopulos will give a progress report at the next meeting in Glasgow.

11. Electron Ion Collider

B. Fulton together with G. Rosner and J.J. Gaardhøje had a meeting at Daresbury on May 14, 2008, with M. Klein, J. Dainton and S. Chattopadhyay to discuss a possible involvement of NuPECC in the LHeC proposal. The Chair of NuPECC is invited to become a member of the LHeC Steering Group. It is deemed inappropriate at this stage that NuPECC becomes officially involved into any of the projects, thus G. Rosner will represent NuPECC at the upcoming LHeC Workshop on September 1 to 3, 2008, in Divonne, and state the interest of NuPECC. The NuPECC Working Group will continue to establish the physics case for the European community and maintain contacts with both the CERN and the US projects. A status report and a presentation on LHeC will be given at the next NuPECC Meeting.

12. Nuclear Physics in FP6 and FP7

According to preliminary information, the nuclear physics related IA proposals have reached the following marks: SPIRIT 14/15; HadronPhysics2 13,5/15; ENSAR 13/15; FUNDAMENTAL 11/15. Projects with 13,5 and better will be funded; the 12 projects rated 13 will be looked at separately. M.N. Harakeh will send a letter to the Commissioner; B. Fulton is mandated to sign the letter as Chairman of NuPECC.

A. Bracco reports on NuPNET and its kick-off meeting in Paris on March 27, 2008; her presentation can be found on the NuPECC website under <http://www.nupecc.org/presentations>.

The EURISOL Design Study will end this year; there is no obvious instrument in FP7 to continue. Possible solutions will be discussed at the next NuPECC Meeting in Glasgow.

The ISC for FAIR had its last meeting, the work of AFI and STI is also finished. Signatures have now to come in by September / October so that the FAIR company can be funded and the necessary authorisations applied for to finish tree cutting by February. The NuPECC Members are asked to encourage their funding agencies accordingly. T. Bressani points out that the AA ring from CERN went to Japan and is not used right now, so there might be a possibility to get it back.

13. Election of New Chair

The Search committee M.N. Harakeh (Chair), H.- Å. Gustafsson and B. Haas propose A. Bracco, D. Guillemaud – Mueller and G. Rosner as candidates. For the election the absent NuPECC members had the following proxies: D. Goutte: D. Guillemaud – Mueller; H. - Å. Gustafsson: J.J. Gaardhøje; P. – H. Heenen: B. Haas; R. Julin: S. Harissopulos; D. Röhrich: J.J. Gaardhøje; H. Ströher: B. Fulton. The votes of the first round are counted and checked by M.N. Harakeh and G. - E. Körner.

The result is: A. Bracco: 5 votes; Guillemaud – Mueller: 4 votes; G. Rosner: 15 votes. Thus G. Rosner achieved the necessary absolute majority of votes in the first round and will take over from B. Fulton as Chairman of NuPECC after the next meeting in Glasgow.

14. Additional Activities

- EPS/NPB: J. Kvasil reports that the Lise-Meitner-Prize is awarded to W. Greiner and R. Stock. The big European nuclear physics conference will be held in Bochum on March 16 – 20, 2009, and organised by U. Wiedner, O. Scholten and R. Krücken.
- ESFRI: The updated roadmap is supposed to be ready by September 2008.
- ECFA and CERN Council Strategy Group: see point 11 of the agenda.
- OECD – GSF: The Report from the nuclear physics group is available on the OECD Website under <http://www.oecd.org/dataoecd/35/41/40638321.pdf>. B. Fulton will pull out the key issues for Europe. This will be discussed at the next meeting in Glasgow and then eventually be sent out to Funding Agencies.
- IUPAP C12 and WG9: The minutes of the last meeting held on May 29, 2008, at CERN, have been sent to all the NuPECC Members. The invitation in the OECD Report that WG9 should become the body responsible for producing regular updates to the international nuclear physics roadmap should be thought about and discussed at the next NuPECC Meeting.

14. Next Meetings

The next NuPECC meetings will be held

- on October 3 and 4, 2008, in Glasgow
- on March 13 and 14, 2009, in Wien
- on June 12 and 13, 2009, in Bruxelles
- on October 9 and 10, 2009, in Darmstadt

München, July 15, 2008



(Gabriele - Elisabeth Körner)