

Minutes
of the Sixty-Sixth Meeting of the
Nuclear Physics European Collaboration Committee (NuPECC)
held in Egelsbach on October 10 and 11, 2009

Participants:

- Façal Azaiez
- Maria Borge
- Angela Bracco
- Gheorghe Cata-Danil
- Philippe Chomaz
- Jan Dobeš
- Jens Jørgen Gaardhøje
- Sotirios Harissopoulos
- Paul – Henri Heenen
- Ari Jokinen
- Klaus Jungmann
- Gabriele – Elisabeth Körner (Scientific Secretary)
- Bernd Krusche
- Jan Kvasil (EPS/NPB)
- Eugenio Nappi
- Thomas Peitzmann
- Achim Richter (ECT*)
- Dieter Röhrich
- Günther Rosner (Chair)
- Christelle Roy
- Horst Stöcker
- Jan Styczeń
- Eberhard Widmann
- Neil Williams (ESF)
- György Wolf

Roman Čaplar, Ana Eiró, Hans – Åke Gustafsson, Paul Nolan, Hans Ströher and Jochen Wambach could not attend.

Agenda

1. Approval of agenda
2. Apologies for absence
3. Minutes of last meeting
4. Matters arising
5. Chairman's business
6. Committee's business
 - 6.1. NuPECC budget
 - 6.2. ESF
 - 6.3. Nuclear Physics News
 - 6.4. Outreach activities, PANS
7. Brief reports
 - 7.1. Status
 - 7.1.1. FAIR
 - 7.1.2. SPIRAL 2
 - 7.2. FP6 & 7 (& 8)
 - 7.2.1. EURISOL Design Study
 - 7.2.2. HadronPhysics2
 - 7.2.3. ENSAR
 - 7.3. ECT*
8. Additional activities
 - 8.1. Europe
 - 8.1.1. EPS Nuclear Physics Board
 - 8.1.2. ECFA/CERN
 - 8.2. World
 - 8.2.1. IUPAP, WG.9
9. Long Range Plan 2010
10. AoB

1. Approval of the agenda

The accepted agenda is given on page 2.

2. Apologies for absence

Roman Čaplar, Ana Eiró, Hans – Åke Gustafsson, Paul Nolan, Hans Ströher and Jochen Wambach could not attend.

Günther Rosner welcomes György Wolf as new member from Hungary.

3. Minutes of the last meeting

The minutes of the sixty-fifth meeting held in Bruxelles on June 12 / 13, 2009, are agreed upon without changes. They will be put on the NuPECC Website as they are.

4. Matters arising

Aage Bohr and Wladyslaw Swiatecki passed away recently; obituaries should be published in Nuclear Physics News.

5. Chairman's business

Günther Rosner encourages all the Members of NuPECC to think about improvements of the NuPECC Website and send suggestions to Gabriele-Elisabeth Körner.

Since the last meeting, on behalf of NuPECC Günther Rosner has:

- attended the ECT* Scientific Board meeting in Trento on June 20, 2009
- attended the IUPAP WG9 Meeting on August 30, 2009, in Jülich; this will be discussed under point 8.2.1 of the agenda
- presented the LRP 2010 Forward Look proposal to the ESF Science Advisory Board on September 18, 2009; this led to the approval of the proposal and will be discussed under points 6.1, 6.2 and 9 of the agenda
- been invited to the meeting of the chairs of the ESF Standing Committees on November 19, 2009, and the ESF General Assembly on November 20, 2009 to give several presentations on NuPECC and the Forward Look
- continued discussions with the member candidates; Turkey as a member of ESF is also welcome to become a member of NuPECC.

6. Committee's business

6. 1. NuPECC budget

Sotiris Harissopulos shows the present situation. Since our request for funding of the LRP 2010 Forward Look has been accepted by ESF – see also point 9 of the agenda – there is no need to ask for a budget increase for 2010. This will be taken up again at the NuPECC Meeting in Athens on October 8 and 9, 2010. Günther Rosner will write letters to the Hungarian and Croatian funding agencies in order to request the full fee for NuPECC membership. György Wolf and Roman Čaplar will point out the appropriate contacts to him. NuPECC expresses its appreciation for the continuous support by ESF and in particular by Carole Mabrouk.

6. 2. ESF

Following the recommendation of the Scientific Advisory Board taken at its meeting on September 18, 2009, the Governing Council approved the NuPECC LRP 2010 Forward Look Proposal on October 1, 2009. Details will be discussed under point 9 of the agenda.

The ESF Member Organisations established a forum on medium level research infrastructures, i.e. infrastructures smaller than those covered by the ESFRI list. One of the goals is a better information and co-ordination with the European Commission and strategic networks such as ERANets. Neil Williams will keep NuPECC informed and help if necessary.

A report on the role and responsibilities of expert committees is envisaged for April 2010. Their chairs will be consulted.

6. 3. Nuclear Physics News

Paul-Henri Heenen expresses his worry about the lack of attendance of some members at meetings of the Editorial Board. NuPECC endorses the suggestion of Christina Trautmann to be replaced by Marcel Toulemonde. On-line access is now possible for all back issues. The next issue featuring J-PARC will probably exceed the usual page count; J-PARC will come up for additional costs. A picture of the honouring ceremony for Renzo Leonardi (see point 7.3 of the agenda) should be added to an upcoming article by Wolfram Weise and Jean-Paul Blaizot. The possibility to publish the NuPECC LRP 2010 with Taylor & Francis should be followed up. Again all NuPECC members are invited to come up with suggestions for articles!

6. 4. Outreach activities, PANS

NuPECC unanimously appoints Sotiris Harissopulos as new Chair of the PANS Board. The number of NuPECC representatives is increased from two to three; EPS-NPB is asked to do the same. The new members are Faïçal Azaiez and György Wolf.

The PANS initiative in ENSAR, tentatively called NuTAPP (Nuclear Physics Tools and Applications) is encouraged to use material from Working Group 6 for the NuPECC LRP 2010. Closer collaboration with PR departments of big laboratories is proposed.

7. Brief reports

7. 1. Status

7. 1. 1. FAIR

Horst Stöcker reports on the efforts to realise a modular approach to cope with a 400 M€ shortfall regarding the costs for FAIR. A process to find a fair solution for all four communities has been established with all committees (STI, AFI) and will end with a meeting of the ISC on October 29, 2009. More details can be found in the presentation of Boris Sharkov (Leader FAIR Joint Core Team), given at the Scoping Workshop for the NuPECC LRP 2010 in Frankfurt on October 12 and 13, 2009, on the NuPECC Website.

7. 1. 2. Spiral2

Faïçal Azaiez reports on the status of Spiral2; his presentation can be found on the NuPECC Website.

7. 2. FP6 & FP7 (& FP8)

7. 2. 1. EURISOL Design Study

Angela Bracco reports on the status of the EURISOL Design Study; her presentation can be found on the NuPECC Website. Discussions on possible synergies are foreseen at the upcoming “Workshop on Neutrino, Neutron, Nuclear, Medical and Muon Physics at ESS” in Lund on December 2 – 4, 2009.

7. 2. 2. HadronPhysics2

Günther Rosner reports on the status of HadronPhysics2. The project started officially on January 1, 2009; a kick-off meeting was held at INFN LNF Frascati on September 3 and 4, 2009. The first and only prefinancing instalment of 5.6 M€ has been received. More details can be found in the presentation of Carlo Guaraldo, given at the Scoping Workshop for the NuPECC LRP 2010 in Frankfurt on October 12 and 13, 2009, on the NuPECC Website.

7. 2. 3. ENSAR

Ari Jokinen reports on the status of the ENSAR proposal, which is due on December 3, 2009; his presentation can be found on the NuPECC Website.

7. 3. ECT*

Achim Richter reports on ongoing activities at ECT*. His presentation can be found on the NuPECC Website. The honouring ceremony for Renzo Leonardi has taken place during the morning session and will be covered in the upcoming article on the history of ECT* in Nuclear Physics News by Wolfram Weise and Jean-Paul Blaizot – see also point 6.3 of the agenda.

8. Additional activities

8. 1. Europe

8. 1. 1. EPS Nuclear Physics Board

A possible co-operation between NuPECC and EPS-NPB in PANS activities in connection with the year 2011 celebrating the 100th anniversary of the Rutherford experiment will be discussed at their upcoming NPB meeting in Glasgow on October 24, 2009.

8. 1. 2. ECFA / CERN

Jens Jørgen Gaardhøje attended the 2nd CERN – ECFA – NuPECC LHeC Workshop in Divonne on September 1 – 3, 2009, and gave an opening address on behalf of NuPECC explaining the LRP process. The workshop was well attended (about 60 participants) and significant progress has been made on accelerator options, interaction region design and a generic detector design. Several accelerator options are being considered (e-ring in LHC tunnel called ring-ring option, e-linac near interaction point 2 or new SPL linac used as e-injector). Beam energies considered are in the range 10-140 GeV. The price tag for these options is 1-2 G€.

A CDR is being prepared with target delivery date to CERN by end 2010. A draft should be available around June 2010. CERN may subsequently request a TDR as input for decision making on future CERN accelerators around 2014-2015.

8.2. World

8.2.1. IUPAP WG9

WG9 is intended to be upgraded from an ad-hoc to a permanent committee with statutes, regularly meeting once per year. At the last meeting in Jülich on August 30, 2009, four subcommittees and their chairs were established on the following topics:

- User facilities – Jean-Michel Poutissou
- Sources of funding for networking – Sydney Gales
- Future rare isotope facilities – Brian Fulton
- Future electron-ion colliders – Sam Aronson

9. Long Range Plan 2010

The Governing Council of ESF has approved the proposal for the LRP2010 Forward Look in full, i.e. the planning and structure as well as the budget were accepted. Thus 190 k€ out of the 240 k€ total cost will come from the ESF budget; 50 k€ will have to be covered by NuPECC. The money will be transferred to the NuPECC account and administered within the framework of the NuPECC budget. It may be used already for the LRP 2010 Scoping Workshop in Frankfurt on October 12 and 13, 2009. In the process, use should be made of the Spanish EU Presidency in the first half of 2010 for the Town Meeting in Madrid on May 31 to June 2, 2010, and of the Belgian Presidency in the second half of 2010 for the final launch.

Günther Rosner shows the draft of his presentation for the Scoping Workshop including the scientific issues, the current list of Working Group members, the outline of the LRP, the tasks of the Working Groups and their envisaged contributions as well as the detailed schedule. The final version of his presentation can be found on the NuPECC Website under “Presentations” as well as under “Long Range Plan 2010”.

10. AoB

Again the NuPECC Members are encouraged to provide Gabriele-Elisabeth Körner with their CV as a pdf-file to be put on the NuPECC Website.

München, November 4, 2009



(Gabriele - Elisabeth Körner)