

Minutes of the Round Table Meeting of the
Infrastructure Co-operation Network FINUPHY
(Frontiers in Nuclear Physics)
held on May 21 - 22, 2001
in Jülich, Germany

Participants to the Round Table:

J. Äystö, NuPECC, Europe; R. Broda, Krakow, Poland; P. A. Butler, Liverpool, UK (replacing R. Page, UK); G. de Angelis, Legnaro, Italy; M. de Poli, Legnaro, Italy; C. Ekström, Uppsala, Sweden; D. Goutte, GANIL Caen, France; J.P. Grandin, CIRIL CAEN, France; F. Haas, Stasbourg, France; W. Henning, Darmstadt, Germany; D. Grzonka, Jülich, Germany; M. N. Harakeh, Groningen, The Netherlands; R. Julin, Jyväskylä, Finland; K. Kilian, Jülich, Germany; G.-E. Körner, NuPECC, Europe; R. Leonardi, Trento, Italy; G. Münzenberg, Darmstadt, Germany; D. Müller, Darmstadt, Germany; L. Nilsson, Uppsala, Sweden; T. Nilsson, ISOLDE, CERN; D. Pasini, DGXII, Brussels, EU; K. Riisager, Aarhus, Denmark; G. Ryckewaert, Louvain-la-Neuve, Belgium; W. Scobel, Hamburg, Germany; A. M. van den Berg, Groningen, The Netherlands; D. Vernhet, Paris, France; J. Vervier, Louvain-la-Neuve, Belgium;

Apologies were received from:

G. Fortuna, LNL, Italy; P. Leleux, CRC, Belgium; J. Soares, Lisbon, Portugal

1. The IKP at the research center Jülich

The present managing director of the Institut für Kernphysik (IKP) welcomes the FINUPHY members and gives an overview of COSY and its experimental installations. To improve the beam intensity especially for polarized beams it is planned to exchange the injector cyclotron with an injector LINAC.

Besides COSY experiments and external activities the IKP is involved in studies for the European Spallation Source (ESS).

2. Approval of the minutes of the previous meeting in Bruges, October 9-10, 2000

The minutes were approved without changes.

3. Information from the European Commission (D. Pasini)

3.1) Decisions within FP5

D. Pasini reports on the results of the 3rd call for proposals within FP5. In the field of nuclear physics, only one proposal for access has been submitted (Gran Sasso) and accepted. All others are RTD proposals. The following nuclear physics RTD projects were selected: HP NIS, NIPNET, IONCATCHER, TARGETISOL and HITRAP. The total budget allocated to Nuclear Physics for Access and RTD proposals is 8 M€ .

3.2) Perspectives for FP6

The general FP6 programme is published and the specific programmes within FP6 will be published end of May. The first Call for proposals is expected end of 2002/beginning of 2003 with a starting of the contracts in 2004. The

resources for the Infrastructure part of FP6 amounts to 900 M€ , which is a significant increase compared to FP5. Concerning the proposals, there will be a movement towards larger contracts for the different scientific fields (e.g. Nuclear Physics) with a total contract volume of 20-30 M€ . Such proposals would include several Infrastructures and cover RTD, networking and access projects. The detailed splitting of the budget into the different activities should be controlled by the proposers.

More details are given in the attached copies of the transparencies.

4. Latest news from the Research Infrastructures

4.1) The experimental programme at the Strasbourg Vivitron in the last two years, F. Haas

4.2) Future plans at GSI, W. Henning

4.3) REX-ISOLDE Radioactive beam Experiment at ISOLDE, T. Nilsson

4.4) ECT*, R. Leonardi

Copies of the transparencies are included

4.5) SPIRAL Status report, D. Goutte

From the technical point of view, everything is ready and the final report to the Security Agency will be written end of May. If there are no complaints on the technical report and if the administrative procedure has been finished (the signature of the prime minister is expected within a few weeks) the inauguration could be in June 2001 (Note: this signature has meanwhile been obtained). As soon as everything is ready, the operation of GANIL will be stopped for the installation, which will take about 2 weeks.

5. Joint Scientific and Technological Activities and Studies

Detailed presentations are given on the various activities:

5.1) Mapping studies by NuPECC, J. Äystö

5.2) PANS Public Awareness of Nuclear Science, G.-E. Körner

5.3) Instrumentation for RNB facilities, R. Julin

5.4) High-resolution Multi-Photon and Electron Pair detection system, M. Harakeh

5.5) Production and investigation of Heavy and Super heavy elements, G. Münzenberg

5.6) Interdisciplinary uses of Nuclear Physics Large Scale Facilities, D. Goutte

Copies of the transparencies are included.

6. Opinions and suggestions from the Users of the Research Infrastructure

Programmes for students should be published on WebPages with direct links to these pages from the FINUPHY homepage.

Due to the payment procedure for the travel expenses in Italy, users have to pay tax which is more a formal problem and can be avoided by the correct procedure.

It is requested to simplify the eligibility rules for EU support in the sense that independently of the eligibility status of the spokesperson for a project, subgroups of eligible users could be supported.

The structure of user groups at the different facilities and the representation of the users in FINUPHY is discussed. Informations on the user groups at the laboratories and the contact possibilities should be send to J. Vervier.

7. Support of FINUPHY to RTD proposals

For future RTD proposals where a support by FINUPHY is desired, a clear procedure has to be worked out how to rate and support such proposals. This will be a topic for the next FINUPHY meetings.

The following status reports of running RTD projects are presented:

R3B,	G. Münzenberg
EURISOL,	J. Vervier
CASIM,	P.A. Butler
Charge breeding,	D. Goutte
EXOTAG,	R. Julin

Copies of the transparencies are enclosed.

8. Final Report of FINA

J. Vervier presents the final report of FINA. The budget can be balanced by compensating the minuses in some projects with the pluses in other projects. This procedure is accepted.

Copies of the report and the cost statements are enclosed.

9. Miscellaneous

The procedure for selecting future proposals in the frame of FP6 is discussed. The movement of the EU towards big proposals with contract volumes of 20 - 30 M€ results in a change of the selection procedure. The judgement of the individual projects and the splitting of the budget would be transferred from the EU to the proposers which will be a difficult task. A the next FINUPHY meeting, ideas for a reasonable procedure should be collected.

D. Müller reports on the financial situation of FINUPHY with an indicative breakdown like FINA. A form for the reimbursement of travel costs (for FINUPHY members without own LSF contracts) will be available on the web.

10. Date and place of the next Round Table Meeting

The next Round Table Meeting will take place on October 15/16 2001, at GANIL, Caen, France.

Jülich, June 15, 2001

Dieter Grzonka