

THE PANS WORKSHOP NOVEMBER 27/28 1998
PANS BOARD MEETING JANUARY 14, 1999

GENERAL REMARKS ON THE WORKSHOP

This workshop was a follow-up of the first one held at Louvain-la-Neuve in April 1998. Like the first one also this workshop was a success. Especially the contributions from participants outside the Nuclear Physics community turned out to be very useful. The remarks etc. made hereafter are impressions from the workshop and from two smaller meetings, one before and one after the workshop itself. The pre-meeting was with Gales, von Oertzen, Koerner, Deutsch and van der Woude, the post meeting with Shotter, Deutsch, van der Woude, von Oertzen, McIntosh and Pascolini. My impression is that the representative of the EC, Mr Bazin, told us that we can not expect a major contribution from DG XII: they are planning a multitude of small grants instead of a few large ones. For instance for the Exhibition they would support the concept but not the actual production which would be too expensive. Also he suggested that it is not very likely that the BOOK would fit in their project. (although when he left he told me that he was impressed by this project and may be it is worthwhile to try to find out whether it is as hopeless as he first indicated). It was also clear that for the funding of the various projects we should submit separate requests.

The major advantage of having Frank Close at the workshop was the personal contact with our WEB site designers which will stimulate a good coordination between the two activities. It was interesting to note that the Particle Physics Outreach group restricted its target for the WEB site to experts in Particle Physics, the idea being that this would be the most effective way in helping them for their own outreach programme. Other remarks: One of the first goals should be to improve the appreciation of Nuclear Physics in the physics community. It is difficult to find for Physics World authors who have an exciting story to tell. (Rogers) We should realise that this PANS activity is only a small fish (<1%) of a small fish(8%) of the total Physics activity (Rogers). Define your mission-focus your activities (Elsworth) If your colleagues don't like what you are doing you are on the right track.

It should be noted though that the "other" scientists may be biased because we are competing for the same funds.

It was suggested to change the name "NUCLEAR" into something like "sub-atomic" but there was no general agreement with this proposal. NOTE: There were several proposals for a PANS LOGO on exhibition, an initiative of GANIL (Mme Bex). Regrettably we did not spend enough time on discussing these designs.

ORGANISATION and STRUCTURE

We should clarify the structure of PANS. The suggestion is that there is one coordinating group (PANS Board), the present THREE, and that for each project there is one person who is in charge and has the responsibility for the (sub)-project. The responsibilities of the BOARD are:

- maintaining the contact with the Mother organisations NUPECC and NPB/EPS
- making contact with the EC and other potential funding bodies, asking for advice and assistance if deemed necessary
- organising workshops and smaller meetings
- stimulating new projects

THE PROJECTS

1 Website (von Oertzen)

The presentation made it clear that the project has to define more clearly its goals, especially to which group it is primarily directed. (Elsworth: Define your mission, lack of focus). My impression is that this target group is "highschool teachers and students": for that it is important to involve at an early stage teachers in the design of the WEB site. The WEB site should also serve as a place from where physicists can extract material for a (popular) talk on Nuclear Physics: photographs, figures, etc. There should be links with the Particle Physics WEB site. There should be a symbiose between BOOK and WEB site.

Budget:

full time person for 3 years	200	kEURO
short time persons (students...)	60	kEURO
travel money	30	kEURO
Total	290	kEURO

A proposal will be submitted to DG XIII. Wolfram von Oertzen is the driver and responsible person. Other members of the group are MmeBex(GANIL), Gross (GSI), Leeb (Vienna), Zenoni(Brescia), Vaagen(NBI,Copenhagen), Kutschera (Vienna)

2 The BOOK project. (McIntosh)

The plan is to realise a popular book targeted at the young generation in various European countries (highschool pupils and teachers for instance). My impression from the presentation by Ray McIntosh and the subsequent discussion is that the project was positively received: it has a clear mission, goal, working plan. There was some question about book versus cd rom. The solution may be that first write the book and use that material later on for a cd rom. There should be a link with the WEB site. The project has been worked out to the extent that it is now ready to go. There were some questions with respect to the possible involvement of IOP: for development costs etc. they ask 24.000 pound=34000 Euro. This is reasonable but one should contact other publishers to find out whether a similar or still better deal can be obtained (Gordon & Breach??). Before final judgement can be made the contract should be worked out in more detail. One of the main authors, Dr Maria Pena, will have a sabbatical beginning March 1999, which she would like to use working on the BOOK. But this will be only don if there is a reasonable guarantee that the complete project is going to be financed. Thus a major problem is whether we can find one or more sources of money before March 1 1999 so that we can guarantee that the required 80 kEURO will become available in the next 2 years. The problem is even more difficult since according to what was said by Bazin it is not very likely that the EC will support this project.

Budget:

6 month consulting	28	kEURO
Group meetings	17	kEURO
trips in UK	7	kEURO
Publisher/development costs	34	kEURO
Total	86	kEURO

3 TRAVELLING EXHIBITION (Pascolini)

This is a travelling exhibition on Nuclear Physics and its Applications. The reactions to this project were in general positive. The design and whole set-up was considered to be very professional. The fact that is the best way to get direct contact with the people was underlined. Also the fact that it may have already an effect at a relatively short-term time scale on the general public is an important feature. The major problem is the financing: it is not at all clear from where the required amount of 670 kEURO for realisation of the project should come from. We were told by Bazin that it is too expensive to fit into the public awareness pot of the next fifth framework for which only a very limited amount of money is foreseen. Alternative ideas were suggested: restrict the scope to for instance radioactivity and make this as a "road show". Costs 25-50 kEURO? So the question is whether reality does fit with vision (Pascolini). We have to decide whether we will on short term set up an intensive search for funds from sources other than EC; industries, Volkswagen Stiftung, etc.

Summary of financial problems

1 Bridging money 1999

We estimated that we would need about 75 kEURO in order to keep the momentum going. EPS has committed itself in 1999 for 50.000 FF which is about 7500 kEURO. A similar amount can be expected from NUPECC, so that we have 15.000 kEURO committed. We still need about 50 kEURO according to our original estimates. Sydney Gales will find out whether additional money can be raised from the "big" institutes but he was not very optimistic. Will be discussed at the "Concerted Action" meeting in Venice, February 4/5 where all the directors of the big institutes will be present.

2 The BOOK project

Needs a guarantee before March 1 1999 that the required funds will become available.

3 The EXHIBITION

We will decide on short term how to proceed with this project

4 The WEB site

It seems reasonable to assume that this project could be financed through DG XIII

Notes on the PANS Board meeting on January 15 at Louvain la Neuve

- 1 Discussion with Jean Vervier on EC financing and especially on possibilities as part of the continuation of the "Concerted Action" programme in which Nuclear Physics is already well known. The "concerted action" actors will meet on February 4-6 in Venice. Alan Shotton will be present for PANS. We plan to present a proposal to translate the new NUPECC report on Nuclear Physics in a booklet especially targeted at fellow scientists and science policy makers. This would then be a new (the 4th) PANS project. It would fit quite well in the description of "Concerted Action". It would require about 100 kEuro.
- 2 Since it is clear that the bulk of money needed for the three projects has to come from other sources than the EEC, we decided to start a fund raising campaign. You will soon receive a letter asking for your help.
- 3 Jules Deutsch will explore with EEC officials other possibilities to get part of our projects funded in the fifth framework
- 4 von Oertzen will be asked to draft a proposal on the WEB site for submission to the EEC

- 5 Pascolini will be asked to look into the possibility to set up a small exhibition, later on to be incorporated in the Travelling Exhibition project on something like "Radiation in the environment??" in the frame work of the EEC plans for a European Science Week.