

**REPORT to NuPECC and EPS/NPB Board on the
PANS WORKSHOP, Louvain-la-Neuve, April 24-25, 1998**

This workshop resulted from the NuPECC and EPS/NPB decision to collaborate on an European scale programme for enhancing the Public Awareness of Nuclear Science (PANS). About 20 persons participated: a list of their names and affiliations is given in the Appendix. Most participants have already an extensive experience in PANS-like activities in their own country.

The goal of the workshop was first of all to bring together the specialists in the field, to exchange information and experiences and to discuss whether an European-scale PANS initiative would be useful and if so to define projects that should be taken up.

From an overview of the PANS activities in the various countries it was clear that in this area a considerable effort is already going on in many countries, not only in Germany, Italy and France with their big institutes, but also in the smaller countries (Portugal!).

Moreover from the discussions it was clear that all the participants were of the opinion that:

- PANS related activities are absolutely necessary, not only to better serve Society but also for the continued health of the field of Nuclear Science,
- European-scale initiatives should be stimulated.

As result of extensive discussions three projects were defined for further consideration on a European level. For each project a small working group was established. They have 1 to 3 years time-spans for their realisation.

These projects are:

Creation of a WEB-site: realisation within 1 year

This WEB site is meant for (nuclear) scientists. Its objective is to have a common source of material useful for lectures, booklets etc.. It should contain for instance figures and/or short text on various subjects in fundamental and applied nuclear physics. The first step would be to assemble all the useful material already existing now at many different institutes and put it on the WEB so that it will become generally available. It will be continuously renewed and expanded by adding new material on recent developments.

It will probably require about 1 fte for maintaining and further development The working group consists of: Dr Gross (GSI), Mme. Bex (GANIL) and Dr. Wolfram von Oertzen who will also co-ordinate this initiative

A popular book on "The Nucleus": realisation within 2 years

The objective is to produce a popular book on the Nucleus. The style of the book should be understandable to an educated person, not necessarily with a scientific background. The text should make full use of pictorial representation. The graphics must be of the highest quality. The full subject of the Nucleus should be covered, from the basic object itself, its many applications in the world around us, to the vital role it plays in stellar phenomena. The subject of nuclear energy, both its positive and negative aspects should be faced squarely and put into proper context.

The working group consists of: Dr B. Jonson, Dr. J. Al Kahlili, Dr. M.T. Pena and R. Mackintosh who will also co-ordinate this initiative.

A travelling exhibition on Nuclear Science: realisation within 3 years

The object is to design and produce an exhibition covering a floor space of about 250 m² which will show the various aspects of Nuclear Physics and its applications. Its target group is the general public. It should be especially attractive to young people in the age group 14-18 year. It should be set up in such a way that it can be transported throughout Europe. It should cover the same kind of subjects as the popular book. This is the most ambitious project foreseen. It will require a considerable amount of investment and running money.

The working group consists of: G. Edelheit, Dr. K. Gross and Dr. P. Pascolini who will also co-ordinate this initiative.

The idea is to submit a request for financial support of all the three projects to the EEC in September 1998. This means that the final text for the proposal should be ready by September 1, which implies that the working groups should submit a text containing a rough description of the project (target group, purpose, work involved, planning, budget) by July 15. To realise this time schedule the working groups will have to meet at least once during the next few months. In order to make this possible some financial support should be available. Therefore we might need from NuPECC and EPS/NPB a total of 5000 ECU for covering the expenses in connection with the working groups activities. The NuPECC and EPS/NPB chairpersons will be informed as soon as the need for this money arises.

A second PANS workshop is planned at November 27-28, 1998 in Paris. There the progress made towards the realisation of the three projects will be discussed in detail. We will apply for co-financing from the EEC.

We appreciate the financial support given by NuPECC which enabled us to invite a few specialists who otherwise would not have been able to participate. In our opinion the NuPECC and EPS/NPB PANS initiative had a good start and we would appreciate a continuing endorsement of these PANS activities.

May 7, 1998

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