Memorandum of Understanding on a European Gamma-Ray Spectroscopy Pool

1. Preamble

In 1994 a Memorandum of Understanding was signed by Denmark, France, Germany, Italy, Sweden and the United Kingdom initiating the EUROBALL collaboration. This MoU concerned the funding, construction, operation and maintenance of the EUROBALL spectrometer. The EUROBALL spectrometer has operated between 1997 and 2002, first at the Laboratori Nazionali di Legnaro in Italy and later at the Institut de Recherches Subatomiques in Strasbourg, France. The EUROBALL memorandum and hence the EUROBALL collaboration will officially end on 31st December 2002.

2. Purpose

The purpose of this agreement is to establish a joint management of the resources from the EUROBALL spectrometer and other complementary equipment. This agreement is made between the owners of the equipment. The collaborating parties and signatories to this memorandum are listed in annex A.

The collaborating parties agree that the equipment will be made available to the European nuclear physics community for experimental campaigns at accelerator laboratories offering unique new physics opportunities. This agreement will facilitate novel programmes in gamma-ray spectroscopy.

This memorandum is not legally binding.

3. Resources

The resources covered by this agreement comprise all equipment that was financed from the EUROBALL capital:

- the HPGe and BGO detectors, including the inner-ball calorimeter,
- the corresponding electronics and the data acquisition system,
- other infrastructure items

Further instruments included in the resource are

- the Neutron Wall
- the Euclides Si ball

with detectors, electronics and infrastructure items.

All these items will be listed in an addendum to this agreement. Other resources may be added later.

4. Management

The collaborating parties shall form an Owners Committee (OC) with representatives from the countries owning the equipment as follows: two representatives from France, Germany, Italy and the UK, respectively, and one representative from each of Denmark and Sweden. The OC will meet at its own discretion, but not less than once a year. Representatives from the laboratories hosting the equipment may be invited as necessary. The owners committee will elect a chairman and a vice chairman on a bi-annual basis. The chairman will act as contact person for the collaborations requesting use of the resources.

The OC will initiate a call for proposals requesting the use of items from the resource at least once a year. It will organise a collaboration meeting at least once every two years in order to inform the wider European nuclear physics community about the scientific achievements and novel possibilities arising from the use of the equipment. The OC will evaluate the proposals and decide on the deployment of the equipment. It will coordinate the campaigns in order to make the best possible use of the equipment and to maximise the scientific output. The committee will ensure that the principal criterion for the deployment of the resource is scientific merit.

The Owners Committee will ensure that the resource is being adequately maintained by the collaborations utilising it. It is also responsible for the admission of new members bringing other equipment to the collaboration. Further details on the management of the resource, the procedures and the responsibilities of the user collaborations are defined in annex B.

5. Commencement, Duration and Termination

This memorandum takes effect from 1st January, 2003 and initially will be in force for four years. Continuation beyond this time takes place automatically on a bi-annual basis if none of the parties wish to alter any of the terms. Otherwise, any changes will be the subject of negotiations between the signatories. This memorandum can be amended by written mutual agreement.

The following annexes are an integral part of this memorandum of understanding:

Annex A: **List of owning parties and signatories**
Annex B: **Management of the resource**