

Call for Joint Research Projects

For an Integrated Infrastructure Initiative in Nuclear Structure

Within the Sixth Framework Programme of the European Commission

The new Sixth Framework Programme (FP6) of the European Commission (EC) will be significantly different from the Fifth one (FP5) in that the EC wishes to receive a single integrated proposal from the various scientific fields, rather than separate ones. These so-called Integrated Infrastructure Initiatives (I3) would combine the Transnational Researcher Access, the Research and Technical Development (RTD) and the Networking elements of FP5. Following an extensive discussion on how such a combined bid could be coordinated, NuPECC has invited the running Infrastructure Cooperation Network "Frontiers In Nuclear PHysics" (FINUPHY) to present, in the spring of 2003, a proposal for an Integrated Infrastructure Initiative in Nuclear Structure (I3NS). Information on I3 in general can be found at the following EC web site: <http://europa.eu.int/comm/research/nfp/infrastructures.html>

This I3NS will thus include so-called Joint Research Projects (JRP), intended, according to the EC, "to improve the quality of the services provided by the infrastructures (e.g. joint research into higher performance techniques, instrumentation and technologies)". This means that these JRP are RTD projects aiming at improving components of the existing Research Infrastructures (e.g. accelerator components, ion sources, special targets, fragment separators...) or scientific instrumentation used for the experiments at these Infrastructures (e.g. detectors, spectrometers, traps, electronics...). Examples of running RTDs' within FP5 which fulfill these criteria are: CHARGE BREEDING, INNOVATIVE ECRIS, R3B, EXOTAG, TARGISOL, ION CATCHER, HITRAP and NIPNET, which, altogether, involve many European Laboratories.

The present note is a call for proposals of such JRP, to be sent as soon as possible and not later than September 1, 2002 to the Coordinator of FINUPHY, Jean Vervier (vervier@fynu.ucl.ac.be). These proposals should involve several European research teams from different European Countries and include, in at most 2 pages: a description of the research project; the research teams involved; the duration of the project (the I3NS will last 4 or 5 years, starting end of 2003-beginning of 2004); the total budget requested and its approximate share between the various teams.

The writing committee of the I3NS proposal (Rafal Broda, Krakow, Graziano Fortuna, Legnaro, Brian Fulton, York, Dominique Goutte, GANIL, Walter Henning, GSI, Jean Vervier, Louvain-la-Neuve) will coordinate the proposals, seek advice from NuPECC if necessary, and include those selected proposals in the I3NS general proposal.