



INTAS Collaborative Call with CERN 2005 on LHC Experiments Preparation and Data Analysis Security

In 2005 INTAS launches a Collaborative Call for research project proposals with CERN, with a budget of **€ 1.5 million**, equally shared between CERN and INTAS.

Scope:

The **LHC** (*Large Hadron Collider*) is the next large particle accelerator currently under construction and scheduled to start operation in 2007 at CERN. Five experiments will be built to utilise the LHC, namely ATLAS and CMS which are large, general purpose particle detectors and LHCb, ALICE, and TOTEM which are smaller and more specialized detectors.

The CERN INTAS Collaborative Call 2005 will cover research related to the design, construction, data acquisition and data processing of experiments to be carried out at the LHC at CERN, including the physics of LHC detectors.

About .5M€ from the overall budget of the call will be earmarked for research projects on grids, and especially on computer security requirements for sites which will participate in LHC experimental data analysis around the world.

The call encompasses basic and applied research but excludes market-oriented technology development.

Consortium:

The project consortia must comprise at least two teams from two different INTAS member states, including the coordinator, one of the teams at least being from a member state of CERN; and at least one team from a NIS country.

Duration of projects:

The project duration must be 18, 24, or 30 months.

Maximum allowable funding:

The maximum allowable funding per project is **300,000€** subject to the scientific content, the duration and the number of scientists involved. Proposals in the range of 50,000 € to 150,000 € will be more typical. No more than **25%** of the total project grant will be available to teams from INTAS member states.

Submission and deadlines:

Proposals must be submitted through the INTAS internet-based Submission System.

The call will be opened on 3 May 2005, 9.00am Brussels time and closed 6 September 2005, 9.00am Brussels time.