

**CENTRO DE INVESTIGACIONES ENERGETICAS
MEDIOAMBIENTALES Y TECNOLOGICAS (CIEMAT)
SPAIN**

Grants for the Third Year (2008)

SECOND CALL

CIEMAT offers the following GRANTS, open to participation from all HELEN Institutions in Latin America.

Applicants must send their application, using the special CIEMAT form, to **the Interlocutor of their own Institution.**

The corresponding Local Committee will make, **for each Grant**, a list of the applicants with the correct qualification **in order of merit.**

The CIEMAT Local Committee will make, out of these proposals, a unique, ordered list of applicants and send it to the Central Committee for approval.

Local Committee:

J. A. Rubio (Chair)

M. Cerrada

N. Colino

Latin America to Europe

Grant	Type	Work Program	Months	Destination	Grant-Holder
1.	AT	<i>Double Chooz neutrino experiment.</i> Installation and commissioning of the far detector, participation in PMT and electronics testing in the lab, development of physics software analysis tools. Background: Ph.D. in experimental Particle Physics (or work in progress). Experience in software or hardware tools related to HEP experiments will be valued. <i>Tutor: Inés Gil Botella</i>	12	Madrid	<i>Iuri Muniz Pepe (CBPF, Brazil)</i>

2.	AT	LHC Program: Commissioning of the CMS Barrel Muon Detector; preparation for physics analysis in CMS. Background: Ph.D. work in progress, oriented to experimental Particle Physics and experience in software or hardware tools related to HEP experiments will be valued Tutor: Pedro Arce	12	Madrid	Jorge Molina Insfran (UERJ, Brazil)
3.	AT	LHC Program: preparation for data taking and physics analysis in CMS. Background: Ph. D. work in progress, oriented to experimental Particle Physics and experience in software or hardware (silicon) tools related to HEP experiments will be valued. Some parts of the work will be done in other Institutions in the Collaboration. Tutor: Juan Pablo Fernandez	12	Madrid	Pedro Tito (UBA, Argentina)
4.	AT	LHC Program: analysis of the data to be produced in the ALICE experiment. Background: physicist; with experience in experimental ultrarelativistic ion collision experiments and some experience on physics analysis and the use of the associated software. Previous experience in ALICE and availability to make short trips to CERN will be valued. Tutor: Pedro Ladrón de Guevara	12	Madrid	Pedro González Zamora (BUAP, México)
5.	AT	Scientific Applications & Computing: Installation and configuration of computational nodes; Grid and Supercomputation environments; Implementation and performance of Grid and Supercomputation scientific applications. Background: previous knowledge and skills in Linux/Unix administration and High Level Languages is required.	12	Madrid	Liubov Flores (Univ. C. Heredia, Perú)