

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

**CIEMAT-HELEN FELLOWSHIPS- 2<sup>nd</sup> YEAR (2006-2007)**

**CIEMAT Local Committee:**

Dr. Juan Antonio Rubio (Chair)

Dr. Marcos Cerrada

Dr. Nicanor Colino

Latin America to Europe  
DESTINATION: CIEMAT-MADRID.  
Starting date: after January 2007

| Grant | Type | Work program                                                                                                                                                                                                                                                                                            | Months | Assigned to:                                                                                    |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------|
| 1.    | AT   | LHC Program: Commissioning of the CMS Barrel Muon Detector; preparation for physics analysis in CMS.<br>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<br>(Tutor: Marcos Cerrada) | 12     | <b>Carolina García Bonilla</b><br><br><b>Universidad de Los Andes</b><br><br><b>Colombia</b>    |
| 2.    | AT   | LHC Program: Commissioning of the CMS Barrel Muon Detector; CMS GRID Computing.<br>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.<br>(Tutor: Nicanor Colino)                     | 12     | <b>Jorge Molina</b><br><br><b>Universidade do Estado do Rio de Janeiro</b><br><br><b>Brasil</b> |