

IAC (attention: [Dr. Marc Balcells](#))

[Further information](#)

The Consolider-GTC Fellow will be involved in the GOYA project, devoted to the study of the structure, dynamics and populations of galaxies at high redshift. In particular, he/she will participate in the upcoming NIR spectroscopy using EMIR at the GTC.

Deadline 2nd November 2007

IAC (attention: [Dr. Ramón García López](#))

[Further information](#)

The Consolider-GTC Fellow will work in the development of high resolution optical spectrographs for large-size telescopes. Specifically, he/she will be involved in the optical design and integration on the GTC of the Utrecht Echelle Spectrograph (UES) instrument.

Deadline 2nd November 2007

IAC (attention: [Dra. M^a Rosa Zapatero](#))

[Further information](#)

The Consolider-GTC Fellow will carry out a GTC-based research programme on substellar objects, including exoplanet detection. He/she will participate in the science programme preparation for OSIRIS and CANARICAM, observational campaigns, data analysis, and interpretation.

Deadline 31st May 2008

IAC (attention: [Dr. Francisco Garzón](#))

[Further information](#)

The Consolider-GTC fellow will work with the EMIR group of the IAC on activities related with the development of the instrument and the preparation of its scientific exploitation. These tasks will include the organization and monitoring of EAST (EMIR Associated Scientific Team) and a direct implication in the preparation of scientific programmes for the EMIR Guaranteed Time.

Deadline 15th October 2008

LAEFF-INTA (attention: [Dr. Enrique Solano](#))

[Further information](#)

The Consolider-GTC Fellow will participate in design, development and maintenance of the GTC Scientific Data Centre, a facility that will be built according to the standards and requirements defined by the Virtual Observatory initiative.

IAA-CSIC (attention: [Dr. José Vilchez](#))

[Further information](#)

The Consolider-GTC Fellow will carry out a research program focused on metallicity and environment of star-forming galaxies using the GTC in collaboration with the various nodes of the “ [Estallidos](#) ” Science Project.

Deadline 8th August 2008

IAA-CSIC (attention: [Dr. Emilio Alfaro](#))

[Further information](#)

The Consolider-GTC Fellow will lead the work on numerical simulations of the technical performance and scientific cases of a multiplexing wide-field optical spectrograph, currently being proposed as a third generation instrument for the GTC.

Deadline 8th August 2008

IEM-CSIC (attention: [Dr. Francisco Najarro](#))

[Further information](#)

The Consolider-GTC Fellow will be involved in the observational study of the massive stellar clusters in the Milky Way. In particular he/she will participate in the preparation of observations using EMIR at the GTC.

UCM (attention: [Dr. Nicolás Cardiel](#))

[Further information](#)

The Consolider-GTC Fellow will participate in the activities of the UCM Instrument Software Group. As part of this work, she/he will be involved in the development of data reduction pipelines (DRPs) currently in progress, with special emphasis on the DRPs for optical and near-IR instruments for GTC.

CAB(CSIC-INTA) (attention: [Dr. Miguel Mas](#))

The Consolider-GTC specialist will be involved in the design of the Consolider-GTC public outreach programme. As part of this work he/she will participate in the planning of activities within the framework of the Astronomy International Year.

IAC (attention: [Dr. Rafael Rebolo](#))

[Further information](#)

The Consolider-GTC Fellow will work in high contrast imaging using Extreme Adaptive Optics (XAO), in collaboration with the exoplanet research team. He/she will also participate in the development of EPICS, the XAO instrument for the ELT, and the design and construction of a FastCam-class ultra-fast imaging camera for the GTC.

Deadline 9th June 2008