

## POSTDOCTORAL POSITIONS IN ASTROPHYSICS

### Foundation for Research & Technology – Hellas (FORTH) and University of Crete, Greece

The Astrophysics Group at FORTH and the Department of Physics at the University of Crete (Greece) has been recently awarded two major European Union grants under the Marie Curie Transfer of Knowledge and 7<sup>th</sup> Framework Programme scheme. The scope of the grants is to improve the existing research capabilities of the Group on ground and space astrophysics respectively. A number of senior researchers from several institutes of Europe and the US will be in Crete for brief month-long visits over the next three years and several postdoctoral researchers will be hired.

Currently there are openings for **two postdoctoral positions**. One on "**Infrared studies of local AGN and Starburst Galaxies – IR diagnostics for the Herschel Space Telescope**", and one on "**Infrared studies of luminous infrared galaxies and their cosmological implications**". The successful candidates are expected to be self-motivated and have experience in infrared data analysis, in particular from the Spitzer Space Telescope. They will collaborate with members of the group and the visiting scientists, and will have access to a wealth of Spitzer extragalactic data. Experience with the data acquisition and analysis from optical telescopes is a plus. For more details you may contact Prof. Vassilis Charmandaris at "[vassilis@physics.uoc.gr](mailto:vassilis@physics.uoc.gr)". The duration of each position is for a period of 2 years and the net monthly salary is ~2,000 Euros. The starting date is negotiable but could be no later than Fall 2008.

Interested applicants are requested to send a cover letter with a CV, publication record, and description of research interests along with the names of three individuals who could write letters of recommendation to Prof. Nick Kylafis, Dept. of Physics, Univ. of Crete, P.O. Box 2208, GR-71003 Heraklion, Greece. Applications by e-mail to "[kylafis@physics.uoc.gr](mailto:kylafis@physics.uoc.gr)" are strongly encouraged. Applications received before March 1<sup>st</sup> 2008 will be given full consideration.

The Astrophysics Group in Crete is very active and currently consists of 7 permanent members, 3 postdocs, 1 support astronomer, 2 engineers and several graduate students. Their research interests cover a variety of topics in Galactic and extragalactic astrophysics. The researchers of the group are: V. Charmandaris (observer: infrared studies of galaxies), D. Hatzidimitriou (observer: star clusters, SMC, LMC, dwarf galaxies), N. Kylafis (theorist: modeling of X-ray sources and galaxies), A. Misiriotis (theorist: modeling of galactic dynamics and dust emission of galaxies), I. Papadakis (observer: AGN, X-ray binaries) J. Papamastorakis, (observer: galaxies, SNRs, planetary nebulae), P. Reig (observer: compact binaries), A. Slowikowska (observer: compact objects), M. Sobolewska (theorists/observer: X-rays studies of AGN), and A. Zezas (observer: X-ray studies of galaxies).

The Astrophysics Group in Crete also manages the 1.3m telescope at Skinakas Observatory, located at an altitude of 1750 m at just 60km from the city of Heraklion. The Observatory has been built and is operated as a scientific research collaboration between the University of Crete, FORTH, and the Max-Planck-Institut für Extraterrestrische Physik (MPE) in Garching, Germany. The instrumentation of the telescope includes a focal reducer enabling wide field optical imaging, several optical cameras, a low-resolution spectrometer, a 7x7arcmin near-IR camera, the OPTIMA high-speed photo-polarimeter of MPE, as well as an Echelle spectrograph.

More information on the activities of the Crete Astrophysics Group and Skinakas Observatory can be obtained from: <http://www.physics.uoc.gr/en/menu/astro.php>