

POSTDOCTORAL POSITION OPENINGS

Three postdoctoral positions in observational/theoretical astrophysics focusing in interpreting the X-ray and infrared properties of distant galaxies are available in Greece. The positions are at the National Observatory of Athens, the University of Athens and the University of Crete. The appointments, which are expected to commence in Autumn 2012, are part of a large programme that involves researchers at the National Observatory of Athens, University of Athens, University of Crete, MPE/Munich, CEA/Saclay, Bologna, Oxford and CfA/Harvard. More information on each position follows.

National Observatory of Athens (NOA)

Applications are invited for a 2-year postdoctoral research position at the National Observatory of Athens in the field of high-energy extragalactic astronomy. Applicants should have obtained a Ph.D. in astronomy or a related field by the starting date of the appointment.

Successful candidates are expected to join the main research activities of the X-ray group of the National Observatory of Athens on the characterisation of the X-ray populations in XMM and Chandra extragalactic surveys, the cosmological evolution of AGN and their obscuration properties, the relation between the formation of galaxies and the growth of the supermassive black holes at their centres. For more information on the X-ray group and the National Observatory of Athens please visit www.astro.noa.gr/xray/members.htm and www.astro.noa.gr.

The starting date of the post is in Autumn 2012 and the gross monthly salary is 2,800 euros. Interested candidates should send a curriculum vitae, a list of publications, and a brief description of research interests to Dr. Ioannis Georgantopoulos (ig@astro.noa.gr) or Dr. Antonis Georgakakis (age@astro.noa.gr) by May 15th 2012. Two letters of reference should also be sent to the same address by the application deadline. Informal inquires can also be made at the email address above.

University of Athens

Applications are invited for a 2-year postdoctoral research position in the area of computational high energy astrophysics at the Department of Astronomy & Astrophysics of the University of Athens, Greece. Applicants should have obtained a Ph.D. in astronomy or a related field by the starting date of the appointment.

The successful candidate is expected to work on simulations of the high energy spectra of AGN. A strong background on the physics of compact objects, AGN radiation processes and computational physics is desirable. The theoretical group at the Astrophysics & Astronomy Department of the University of Athens comprises three professors and several graduate students. Research is conducted in radiative transport and MHD of AGNs and GRBs.

The starting date of the post is in Autumn 2012 and the gross monthly salary is 2,800 euros. Interested candidates should send a curriculum vitae, a list of publications, and a brief description of research interests to Prof. Apostolos Mastichiadis (amastich@phys.uoa.gr) or Dr. Antonis Georgakakis (age@astro.noa.gr) by May 15th 2012. Two letters of reference should also be sent to the same address by the application deadline. Informal inquires can also be made at the email address above.

University of Crete

Applications are invited for a 3-year postdoctoral research position in the area of infrared astronomy at the Astrophysics Group of the University of Crete (Greece). Applicants should have

obtained a Ph.D. in astronomy or a related field by the starting date of the appointment.

The successful candidate is expected to be self-motivated with experience in the modeling and interpretation of the Spectral Energy Distribution of extragalactic sources. A strong background in AGN physics and galaxy evolution is desirable. The candidate will work under the supervision of Prof. V. Charmandaris and will have access to infrared data from major surveys carried out by Spitzer and Herschel.

The Astrophysics Group in Crete currently consists of 7 faculty members as well as several postdocs, engineers, and graduate students. Over the years it has established close long-term collaborations with the infrared groups at CEA/Saclay (France) and SSC/Caltech (USA), the X-rays groups at MPE (Germany), Leicester Univ. (UK) and Univ. of Valencia (Spain), as well as with radio astronomy groups and MPIfr Bonn (Germany) and Caltech (USA). In the past 6 years the group hosted 10 postdoctoral researchers and has received over 2.5Meuros in funding through competitive proposals. The group also manages and operates the 1.3m telescope at the Skinakas Observatory. The instrumentation of the telescope includes a low-resolution spectrometer, a near-IR camera and the OPTIMA high-speed photo-polarimeter of MPE. A new polarimeter for monitoring blazars identified by Fermi is under construction in collaboration with Caltech (USA). For more information on the activities of the Crete Astrophysics Group and Skinakas Observatory please visit <http://astro.physics.uoc.gr>

The starting date of the post is in Autumn 2012 and the gross monthly salary is 2,500 euros. Interested candidates should send a curriculum vitae, a list of publications, and a brief description of research interests to Prof. Vassilis Charmandaris (vassilis@physics.uoc.gr) or Dr. Antonis Georgakakis (age@astro.noa.gr) by May 15th 2012. Two letters of reference should also be sent to the same address by the application deadline. Informal inquires can also be made at the email address above.