

Technical position in High Energy Astrophysics at the National Observatory of Athens

Applications are invited for a technical position at the Institute for Astronomy, Astrophysics, Space Applications & Remote Sensing (IAASARS) of the National Observatory of Athens (NOA) in the field of X-ray Astronomy (High Energy Astrophysics). The position is in the framework of the E.U. H2020 AHEAD (Activities in the High Energy Astrophysics Domain) program. The overall objective of AHEAD is to integrate national efforts in high-energy Astrophysics and to promote this research domain at the European level. AHEAD has a strong public outreach component.

The successful applicant is expected to produce a dome video (Digital Fulldome Film) according to the IPS (International Planetarium Society) specifications. The theme of the video is Astrophysics from Space and in particular high Energy Astrophysics (gamma and X-ray Astronomy) and should be addressed to the general public. The goal is to freely distribute this video to the planetariums and educational institutes worldwide. The candidate should have a proven experience record in the production of Fulldome Immersive Video, in High Resolution to be projected in Qualified Giant Screen Theaters, as well as in the production of Scientific Visualizations, Scientific Simulations and Scientific Animations in Astronomy and Astrophysics.

The main research activities of the X-ray group of the National Observatory of Athens focus on Active Galactic Nuclei detected using the XMM/Newton and Chandra missions. More information on IAASARS/NOA and the X-ray group are available at: <http://www.astro.noa.gr> and <http://xraygroup.astro.noa.gr>. Apart from the research activities the National Observatory of Athens hosts a very active public outreach program addressed to both high school students and the general public.

The position is for seven months. For further information please contact ig@noa.gr. Interested candidates should send a curriculum vitae to Ourania Koumentakou (ourania@noa.gr) before the 24th of November 2015.