



Postdoctoral position in STIX/SO software development at the University of Graz

The Institute of Physics of the University of Graz, Austria, invites applications for a postdoctoral position in software development for the STIX (Spectrometer/Telescope for Imaging X-rays) instrument on the upcoming Solar Orbiter mission. STIX provides imaging spectroscopy of solar thermal and non-thermal X-ray emissions from ~4 to 150 keV with unprecedented spatial resolution and sensitivity, to achieve a better understanding of the acceleration of electrons at the Sun and their transport into interplanetary space.

The applicant is expected to have a PhD in astrophysics, physics or a related field, and a good background in physics-based programming. Knowledge of solar high-energy radiation, X-ray spectroscopy, data analysis, and the IDL programming language is desirable.

The position will be initially available for two years with the anticipated start time 2014 January 1, with possible extension. The basic gross salary for this employment contract will be 47,800 Euro/year, subject to local taxes and the employee's contribution to social security. Applications shall consist of a curriculum vitae including a description of the research and software development experience, PhD certificate, and names of three references. The applications shall be sent by email to astrid.veronig@uni-graz.at before November 3, 2013.

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