



UNIVERSITÉ
DE GENÈVE

FACULTÉ DES SCIENCES
Département d'astronomie

Postdoctoral research position in high-energy astrophysics

The High-Energy Astrophysics group of the Department of Astronomy of the University of Geneva is offering one post-doctoral research position in the domain of active galactic nuclei in the group of Dr S. Paltani. The group is in particular involved in the Japanese X-ray observatory ASTRO-H, whose launch is scheduled for the end of the year. ASTRO-H will be equipped with breakthrough instruments, like a telescope allowing very sensitive hard X-ray observations and a microcalorimeter allowing spectral-imaging observations with very good energy resolution and high throughput. The Department of Astronomy also hosts the European science support center for ASTRO-H.

We are looking for a scientist with a Ph.D. in astrophysics and demonstrated experience in high-energy astrophysics, in particular in the study of radio-quiet active galactic nuclei in X-rays. Interest in the broad-band emission mechanisms of AGN contributing to the X-rays, including reflection, would be especially useful. The successful candidate must conduct an independent active research program, but is also expected to participate in research led by Dr S. Paltani.

The successful candidate will also interact with the ASTRO-H science support team, and help in the understanding and validation of the analysis software, as well as contribute to the calibration effort.

Applications and inquiries should be sent by e-mail to Stéphane Paltani, Stephane.Paltani@unige.ch. Candidates should send a motivation letter, a curriculum vitae, a publication list and a description of research interests and plans. They should also provide two reference letters, to be sent directly to the above address. The position can start on September 1st, 2015, at the earliest, and is in principle for three years. Raw salaries start at around CHF/\$/€ 70'000 per year.