

Postdoctoral position on “Accretion physics of nearby AGN: Preparation for the Event Horizon Telescope“

The theory group in the Astronomy Department at the Universidad de Concepción (Chile) invites applications for a two-year postdoctoral position on “Accretion physics of nearby AGN: Preparation for the Event Horizon Telescope“. The objective of the project is to explore the accretion physics of AGN to derive testable predictions for the Event Horizon Telescope (EHT, <http://www.eventhorizontelescope.org/>).

The theory group in Concepción is the largest theoretical astrophysics group in Chile, consisting of Prof. M. Fellhauer and Prof. D. Schleicher, two recently hired postdocs and more than 10 students. The project will be jointly pursued with the UdeC Radio Lab (Profs. N. Nagar and R. Reeves), which is directly involved in the EHT and has contributed to its instrumentation via the ALMA Phasing Project.

Applicants for the position should hold a PhD in astronomy or a related field and have experience in computational modeling and the physics of accretion disks, AGN or black hole metrics. Interested candidates should send a cover letter, a CV including a list of publications and a 3-page research statement as a single pdf file to Prof. Dominik Schleicher (dschleicher@astro-udec.cl) and arrange for two letters of recommendation. The selection of candidates starts on April 1st, with potential starting dates from September 2017. Applications will be accepted until the position is filled.

Included benefits:

In addition to a competitive salary, we provide contributions to the health care insurance as well as an annual travel budget of about 3000 USD.

Contact:

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