

POSTDOCTORAL POSITION TO STUDY FUNDAMENTAL PROCESSES IN SPACE PLASMA PHYSICS

One postdoctoral position is available at the Space and Astrophysical Plasmas Center at the Universidad de Chile through a collaborative Anillo Pia ACT1405 project.

We aim to study fundamental processes in space plasma physics related to fluctuations in the solar wind-magnetospheric-ionospheric system using theory, simulations, and data analysis. The postdoc will work on construction and development of high performance large scale computer codes for a number of applications such as particle simulations, data analysis, web based applications, plotting routines, etc.

We offer a position that ends in December of 2018 inserted in the Space and Astrophysical Plasmas Center at the Universidad de Chile.

Requirements: PhD in physics, ability to work and support interdisciplinary work in space plasma physics, strong expertise in parallel programming in C++, Python, Mathematica, bash-Linux, etc., at a level necessary to design and construct of high performance large scale parallel computer codes. Chilean or a Foreigner with permission to work in Chile. To start work as soon as possible. To apply, please email your CV and cover letter to anilloact1405@gmail.com, and include the names and contact information of three references by April 20, 2018. Please include the job title "postdoctoral positions 2018" in the subject line. Salary depends on qualifications of applicant.