

JOB OFFER

THE ROYAL OBSERVATORY OF BELGIUM SEEKS
A RESEARCHER WITH A PHD IN ASTRONOMY



The person to be hired will work on the Gaia Prodex project. He/she will collaborate on the analysis of data obtained with the Radial Velocity Spectrometer (RVS) on board the Gaia satellite. These data are processed by Coordination Unit 6 (CU6) or the Gaia Data Processing and Analysis Consortium (DPAC).

In preparation of the 3rd Data Release of Gaia data, an extensive dry-run of all CU6 software will be performed (planned Oct. 2018- July 2019). As part of this, different options for the data processing will be explored.

WE SEARCH FOR

A researcher with a PhD in astronomy

The task of the person to be hired, is to collaborate to the analysis of the results from this dry-run. From the comparison of the results obtained with the different options, recommendations need to be formulated on the best options to be used in the final run. The person to be hired needs to have experience with stellar spectra, more specifically the measurement of radial velocities. Experience with the analysis of radial velocities of binaries is an additional advantage. He/she must be able of programming computer codes to process large amounts of data, apply statistics to them, and present the result graphically. To simplify the communication with other researchers on the project, an implementation in IDL or python would be preferred.

SKILLS

- Working and writing proficiency in English

HOW TO APPLY ?

A complete application includes a motivation letter, a full CV in PDF format and two brief recommendations letters. Please send your application to ronny.blomme@oma.be before 31 August 2018.

WE OFFER

The ROB (<http://www.observatory.be/>) is a Belgian federal institute in the green outskirts of Brussels (Uccle). This position is a fixed-term position of 1 year (salary level SW2). Advantages included a flexible system of working hours and teleworking.