



JOB OPPORTUNITY

ROB HIRES A SCIENTIFIC COLLABORATOR



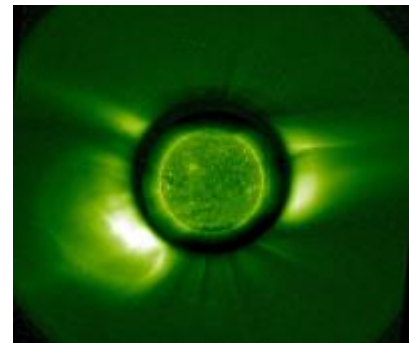
The Royal Observatory of Belgium (ROB) is hiring a scientific collaborator to participate in the activities of its growing solar physics group.

We seek an experienced professional with a scientific background and experience in the field of solar physics and space weather.

The candidate is expected to do research on Coronal Mass Ejections (CMEs) and their connection with interplanetary phenomena in the framework of space weather studies and applications. In particular, the selected scientist will be expected to work with remote sensing data of CMEs (from the STE-

REO and PROBA2 missions, among others) to later relate them with the in situ observations done close to the Earth. The work involves the 3D reconstruction of CMEs and the use of the resulting parameters in models (existing and/or to be developed). The outcome of the study is expected to be published in international scientific journals and presented during international conferences. Experience in working with CME observations and propagation models (ENLIL, EUHFORIA, DBM, etc.) is required. Experience with research projects at EU or national level is an asset.

More information on the activities of ROB can be found at <http://www.sidc.be>



WE ASK

A good candidate would combine several of the following characteristics:

- a PhD degree in exact sciences
- proven experience in space weather and solar physics, with expertise in the CME domain
- programming skills, especially IDL, with desired experience in 3D reconstruction techniques
- a pragmatic approach in problem-solving
- a good writer of technical reports and scientific publications

WE OFFER

We offer a 1-year contract, which after mutual satisfaction can be extended. Salary, social security, pension scheme and working conditions are according to Belgian civil servant regulations. This includes a flexible system of working-hours and the possibility to teleworking. The ROB is a Belgian federal institute in the southern green outskirts of Brussels (Uccle). English is the baseline language spoken within the team.

Applications

A complete application includes a motivation letter, a full CV in PDF format (with details of previous work & study career) and 3 references. Please send as soon as possible and no later than June 26, 2017, your application, an expression of interest, or questions to luciano.rodriquez@observatory.be