



## JOB OFFER

**Scientific collaborator for a 2-year contract at the Royal Observatory of Belgium, for remote atomic clock comparisons using the GNSS signals.**

The Operational Directorate “Reference Systems and Planetology” of the Royal Observatory of Belgium (ROB), and more specifically its section “Time & Ionosphere”, is looking for a scientific collaborator, in order to improve the performances of the remote clock comparison technique based on the data analysis of code and carrier phase measurements from the Global Navigation Satellite Systems (GNSS), i.e. GPS, Galileo, BeiDou, GLONASS. The activity will rely on the evolution and upgrade of the software tool Atomium, developed at the ROB, and using the Precise Point Positioning technique.

The candidate must have a PhD in physics or equivalent, at the time of contract start (expected on October 1<sup>st</sup>, 2022). Applications that include one or more of the following characteristics/qualities will be ranked as a priority:

- Skills in GNSS data analysis;
- A good knowledge of time and frequency metrology;
- Proficiency in written and spoken English. Knowledge of French or Dutch is an added value;

This position offers a contract of determined duration of 2 years. Salary, social security and working conditions are according to Belgian federal civil servant regulations. This includes a flexible system of working hours. The offered position is a full-time contract at SW11 scale.

The candidates should send a CV and an accompanying motivation letter, with possibly a reference letter, before July 8, 2022, to [p.defraigne@oma.be](mailto:p.defraigne@oma.be) with a copy to [hrrob@oma.be](mailto:hrrob@oma.be). Candidates can contact Dr. Pascale Defraigne (+32 2 373 02 60) for additional information.