



## JOB OFFER

The Scientific Service ‘Reference Systems and Planetology’ of the Royal Observatory of Belgium (ROB) is looking for a scientist to work in the Time and Ionosphere team.

The successful candidate will strengthen the existing team in the field of GNSS time and frequency transfer. Among other things, he or she will be responsible for operations relating to the Observatory's participation in the European Galileo navigation system. These operations include the calibration and maintenance of GNSS measurement stations, their synchronization with the local realization of UTC called UTC(ORB), the generation and analysis of products used to check the time information transmitted by the Galileo satellites, and the drafting of associated reports.

We offer a contract of unlimited duration, a competitive salary according to the SW2 pay scale for scientific personnel of the federal government, flexible working conditions, and additional benefits. The successful candidate will be recruited in activity Group 1 (scientific research).

### We are looking for:

The candidate must hold a doctorate in Physics, Mathematics, Geophysics or Geography, or in an equivalent field, and demonstrate the following characteristics:

- Proven extended experience in time-frequency metrology
- In-depth knowledge of time measurement and time transfer and associated calibration techniques
- Experience in GNSS data analysis
- Experience in project management
- Good knowledge of programming (Python, Bash, Perl) and version control
- A good knowledge of written and spoken English. Knowledge of French, Dutch or German is a plus.
- An open mind and scientific curiosity
- A creative and pragmatic approach to problem solving



The candidate will also have to demonstrate his/her ability to lead research projects, and to work both as part of a team and independently. He or she will need to demonstrate the ability to communicate scientific results.

**How to apply:**

Your application must be sent to Tim Van Hoolst ([tim.vanhoolst@oma.be](mailto:tim.vanhoolst@oma.be)), head of the scientific service 'Reference Systems and Planetology', with copy to [dir-rob@oma.be](mailto:dir-rob@oma.be), before 15 September 2024 and must include:

- A detailed CV and covering letter
- A summary of your past scientific research activities
- The names and contact details of two people who can recommend your application.

The beginning of employment will be on 1 November 2024.