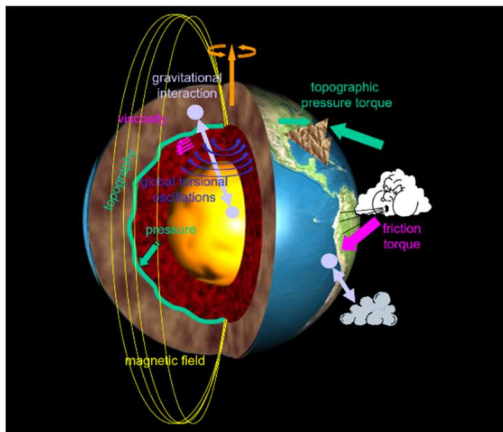


# JOB OFFERS

**The Royal Observatory of Belgium is looking for a scientist for its activities in the frame of the ERC (European Research Council) Synergy Grant « GRACEFUL » (GRavimetry, mAGnetism, rotation, and CorE FLOW)**



Thanks to funding from the European Commission for the period 2020-2025, a position for a scientist will be available, starting from September 2023, to work on the observation of the Earth rotation and the flows inside its liquid core. The position is part of the ERC Synergy Grant « GRACEFUL » (GRavimetry, mAGnetism, rotation, and CorE FLOW). The goal of the project is to use observations of the Earth's rotation and magnetic and gravity fields in synergy, and to link them with core flow models, in order to provide new information on the dynamical processes occurring in the fluid core and at the core-mantle boundary.

The contract for an early career scientist will be for one year for starting. Starting dates are flexible. The entry into employment is expected in December 2023. We are looking

for an enthusiastic and motivated scientist, even if he/she is not available on December 1<sup>st</sup>, 2023. Students who are at the end of their master studies and who will get their master diploma in a reasonable timing (less than 3 months from the application deadline) may also apply.

We offer a competitive salary following the salary scales for federal government academic staff, flexible working conditions and additional benefits.

## WE ARE LOOKING FOR

The candidate must have an academic master degree in Science or Engineering or will have his/her master degree in less than 3 months from the application deadline and possess several of the following characteristics:

- Scientific curiosity
- Strong interest in the field of geodesy and Earth rotation
- Creative and pragmatic problem-solving approach
- Experience in data analysis
- Knowledge of statistic data processing
- Knowledge in Earth rotation
- Capability to work in English.

If the master's and/or PhD degree were awarded outside of Belgium, the Netherlands and the Grand-Duchy of Luxembourg, a certificate to demonstrate the diploma equivalence will be needed during the procedure of the contract elaboration (see [https://www.belgium.be/en/education/equivalence\\_of\\_diplomas](https://www.belgium.be/en/education/equivalence_of_diplomas)).

## HOW TO APPLY

Send a full CV (including grades), a motivation letter, and two or three reference names by August 31, 2023 to [v.dehant@oma.be](mailto:v.dehant@oma.be), Head of Operational Direction 'Reference Systems and Planetology' at ROB. The beginning of employment will be on December 1st, 2023 or later.