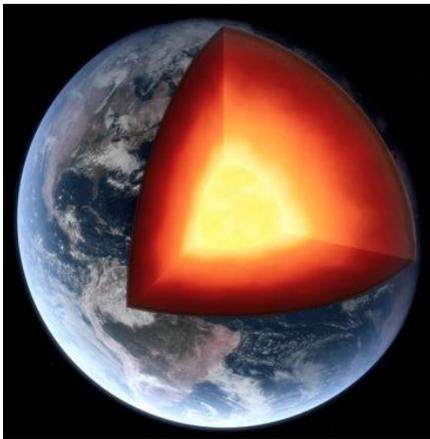


JOB OFFERS

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 2020-2024, a position for a scientist will be available, starting from January or February 2023, to work on the modelling of the Earth rotation, the interior of the Earth 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 a doctor of science with at least 6 years of experience, will be until the end of the GRACEFUL project (August 2024). We are looking for an enthusiastic, motivated scientist and able to lead young researchers.

We offer a competitive salary following the salary scales SW2 for federal government academic staff, flexible working conditions and additional benefits.

WE ARE LOOKING FOR

The candidate must have a doctorate in Science. If your master and/or PhD degree were awarded outside of Belgium, the Netherlands and the Grand-Duchy of Luxembourg, you will need a certificate to demonstrate the equivalence of your degree (see https://www.belgium.be/en/education/equivalence_of_diplomas) before we can offer you a contract.

The candidate must possess the following characteristics:

- Scientific curiosity
- Strong interest in the field of geodynamics
- Creative and pragmatic problem-solving approach
- Experience in numerical modelling, and in particular in the numerical resolution of the Navier Stokes equations in the fluid core in shorter timescales than that of geodynamo
- Extensive knowledge in fluid mechanics
- Extensive knowledge in Earth rotation
- Capability to work in English.

HOW TO APPLY

Send a full CV (including grades), a motivation letter, and two reference names by November 28th, 2022 to v.dehant@oma.be, Head of Operational Direction 'Reference Systems and Planetology' at ROB. The beginning of employment will be From February 1st, 2023 or after.