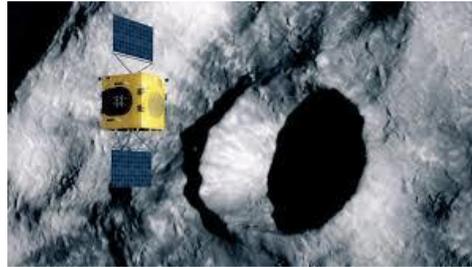
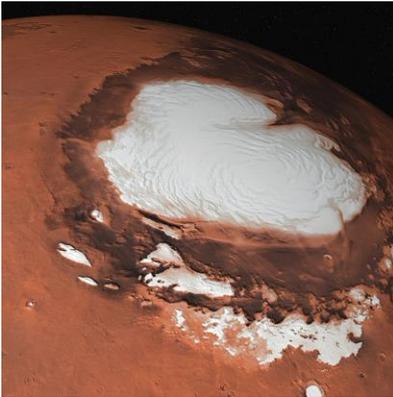




# JOB OFFERS

**The Royal Observatory of Belgium (ROB) is looking for a Scientist in the frame of the project PRODEX MarsSci (Mars' atmosphere Science) and of the ESA project TIRI (Thermal InfraRed Imager).**



A contractual scientific position is available at the Royal Observatory of Belgium for a person to work on the detection of surface information on airless bodies with specific focus on the Martian moons Phobos and Deimos. Ongoing observations of the NOMAD spectrometer of the ESA TGO (Trace Gas orbiter) mission and future

observations of ESA's Hera mission with its optical instruments (including the Thermal infrared Imager) during the planned Mars flyby will be studied.

The candidate will work essentially on data analysis and exploitation techniques and will contribute to definitions of instrument properties and operations. This involves continuation on the application of retrieval techniques developed for NOMAD nadir channel (2.3-3.8  $\mu\text{m}$ ) and simulations and retrievals in the thermal Infrared (7-14  $\mu\text{m}$ ). The candidate is expected to work also on dissemination and communication of the project results to non-experts as well as to scientific and industrial communities. The candidate shall also contribute to peer reviewed publications and scientific reports.

The ROB (<http://www.observatory.be/>) is a Belgian federal institute in the green outskirts of Brussels (Uccle). The initial contract is for duration of 1 year (salary level SW10 or SW11). Possible contract extension is subject to available funds. Advantages include a flexible system of working hours.

## WE ARE LOOKING FOR

The ideal candidate has an MSc in Science or Engineering and combines one or more of the following characteristics:

- Experience in numerical modelling
- Experience in data analysis and inversion
- Experience in planetary sciences
- Working and writing proficiency in English.
- Any additional experience on space instruments specifically on spectrometers or imagers and concept of operations will be an advantage.

## HOW TO APPLY

A complete application includes a motivation letter, a full CV in PDF format and names/coordinates of two referees. Please send your application to [ozgur.karatekin@oma.be](mailto:ozgur.karatekin@oma.be) and [veronique.dehant@oma.be](mailto:veronique.dehant@oma.be) before 7 July 2022. The beginning of employment will be after October 1st, 2022.