



aeronomie.be

The Belgian Institute for Space Aeronomy (IASB-BIRA) is a scientific institution of the Belgian Federal Space Pole located in Uccle (Brussels). Its principal mission is to develop scientific and technological expertise in the field of aeronomy.

One of the research domains of our division “Solar Radiation in Atmospheres” (D40) is to assess the atmospheric composition and the experimental/theoretical methods related to its remote sensing. In that frame, the “Limb remote sounding” group (D41) has proposed and is developing the ALTIUS mission, which will be the first Belgian atmospheric satellite. In 2016, ALTIUS has been selected by ESA as an EarthWatch mission (more info from a recent ALTIUS symposium: see <https://events.oma.be/indico/event/20/overview>), financially supported by BELSPO, with an expected launch around 2021 and a 3 to 5-year mission lifetime. In parallel, that group is also acting as prime for the PICASSO CubeSat mission, which aims at demonstrating the use of a nanosatellite for atmospheric remote sounding by solar occultations and for in-situ plasma characterization.

Check out our web site www.aeronomie.be for more information about the Institute, its activities and the projects in which it is involved

To support the activities of the ALTIUS/PICASSO team, we are looking for a

SPACE PROJECT COORDINATOR (M/F)

The successful candidate will

- Support the project management of the ALTIUS mission at BIRA-IASB level under the supervision of the current project manager
- Interact with ESA, BELSPO and the involved industrial partners
- Collaborate to the development of the ALTIUS instrument
- Promote the ALTIUS mission (via content of the ALTIUS Web portal, participation to general public events and international scientific meetings...)

The expected starting date is 1-Mar-2018.

Required competences

- Practical experience in the management/coordination of international projects involving agencies such as EU, ESA, EUMETSAT...
- Understanding of the technical and programmatic aspects of a space mission

The candidate will hold a master degree in Fundamental or Applied Sciences and must display an interest for the observation of the Earth by satellite remote sensing and/or for related environmental aspects.

The successful candidate will have to travel abroad

- essentially within Europe, and often to the Netherlands
- about half a dozen times per year, usually from one up to three days

Specific skills

- Acquaintance with formal, structured, top-down, project management approaches. Knowledge and understanding of the ESA approach to space mission is an major asset
- Acquaintance with Belgian and international legal aspects
- Capacity to support/prepare contractual proposals and to review contractual documents
- Activity follow-up and reporting
- Background knowledge of the physical processes involved in the interaction of light with the atmosphere is an asset

Generic skills

- Fluent in written and spoken English
- Knowledge of French and/or Dutch is a plus
- Capacity to integrate an existing team for an already running project
- Good communication skills (representing the team at international conferences and work meetings, public outreach)
- Advanced knowledge of Microsoft Word
- Sound knowledge of Microsoft Project, Excel and PowerPoint
- Knowledge of LaTeX is an asset
- Experience in software programming (Matlab, Python, scripts,..) is an asset.

We offer

- The position is on a contractual basis. Salary is according to the federal regulations for the scientific contractual personnel.
- Dynamic working environment with international contacts.
- Refund of commuting expenses when using public transportation or bicycle.
- Interesting holiday scheme and options to balance professional and personal life (flexible schedule and teleworking).
- Access to special advantages arranged for the employees of the federal scientific institutions (e.g., collective hospital insurance and possibility to follow trainings).

For more information about this vacancy, please contact:

Dr. Didier Fussen (Didier.Fussen@oma.be or by phone at +32 (0)2 373 03 71).

Applications (deadline is 21-Jan-2018)

Applicants should send a complete CV, together with their letter of motivation preferably by email to: Didier.Fussen@oma.be and in CC to: hr-ae@aeronomie.be with reference: "ALTIUS2018"