



VACANCY

BIRA-IASB is looking for:

Operations Engineer

Start date: immediate • Statute: Contractual
Deadline for applications: September 30, 2019

Context

BIRA-IASB is the host institute of the Belgian User Support and Operations Centre (B. USOC). B. USOC interacts with universities or scientific institutions as well as with Belgian, foreign or international research centers within the framework of experiments and space missions. Its main tasks involve to provide a technical and operational support towards the users.

Responsibilities

To be a member of a team of B.USOC operations engineers in the framework of operating scientific experiments onboard the International Space Station (ISS). The function of an operations engineer is to provide support, to prepare and to perform operations related to scientific or technological experiments onboard the ISS. The payloads, currently under the responsibility of B. USOC are: the FSL rack (*Fluid Science Laboratory*) to study fluid and soft matter dynamics, the ASIM platform (*Atmosphere-Space Interactions Monitor*) to observe stratospheric lightning discharges and terrestrial gamma-ray bursts. The work is performed in close cooperation with several centers of the European Space Agency (ESA), involving travels abroad from time to time, mainly in Europe. During operations, activities take place in "shifts".

Specifically, the candidate will be responsible of:

- Developing operational concepts of future instruments or experiments.
- Developing and maintaining operational products (procedures, flight rules, planning...)
- Taking part to reviews of the several development phases of an instrument or payload.
- Implementing and taking part to ground simulations and tests of scientific experiments.
- Taking part to the various trainings and certifications of the European Space Agency.
- Operating the in-flight instruments: monitor the state of the instruments, perform the foreseen activities, inform the involved parties of anomalies, resolve anomalies in real-time, prepare and hand out daily reports, prepare planning of operations.
- Monitor the good reception and archiving of scientific data.

More about BIRA-IASB

The Royal Belgian Institute for Space Aeronomy (BIRA-IASB) is a Belgian federal scientific research institute. Created in 1964, its main tasks are research and public service in space aeronomy, which is the physics and chemistry of the atmosphere of the Earth and other planets, and of outer space.

Its scientists rely on ground-based, balloon-, air- or space-borne instruments and computer models.

www.aeronomie.be

Required competences

- Polyvalent, stress resistant and solution minded.
- Team spirit, autonomous and take initiative.
- Excellent abilities for communicating in English (oral, written).
- Good knowledge of physics and scientific instruments.
- Well-informed user of professional IT systems and networks.
- Writing of technical documents in English.

Terms of participation

Candidates should be in possession of a Master's degree as engineer (civil or industrial) or of a scientific degree from a university level or from a post-graduate level. If the degree was obtained in another country than Belgium, a request for equivalence should have been introduced. If the equivalence has not been obtained yet, the request should at least have been initiated when applying for the job.

Offer and benefits

- This position is a full-time job on a contractual base.
- Minimum monthly salary: level SW10 of the scientific staff from the federal scientific institutions.
- When establishing seniority, every experience (public + private sector) relevant to the offered job is valorized.
- Good holiday scheme and various opportunities in order to find a balance between professional life and private life.
- Flexitime of 38 hours per week (except when work in shift).
- Telecommuting opportunity.
- Possibility of acquiring a bonus for bilingualism (Dutch/French).
- Opportunity to participate in courses (to be taken during working hours).
- Refund of cost for public transport between home and work and some compensation for using bicycle.
- Diverse social and cultural advantages: museum card, hospitalization insurance, discounts via Fed + card ...

Procedure

After evaluation of the application letters, the selected candidates will be invited for an interview, or a teleconference if need be.

More information about this vacancy can be obtained by sending an e-mail to b.usoc@aeronomie.be.



Interested?

Send a complete CV and motivation letter to recruitment@busoc.be
and in cc to hr-ae@aeronomie.be with reference: **"B.USOC_OPERATIONS_ENGINEER"**
no later than September 30, 2019. The reception of the application will be acknowledged by e-mail.