

Space Applications Services NV/SA is a dynamic international company with 30 years experience in performing and supporting system and software engineering for the European Space Agency (ESA), National Space Agencies and the aerospace industry. We work on international manned & unmanned spacecraft programmes, earth observation, science, exploration, communications and related technology development.

We are looking for a:

## Electronics Engineer for Flight Systems Development (M/F) (EE-SYS-AES-2017-08-HQ-001)

The successful candidate will be based in Brussels area, with occasional short-duration travel mainly to the Netherlands.

### Tasks and Responsibilities

- Review, assessment and challenging of specific applicable requirements
- Definition of electronic / electrical system architecture, preliminary design and detailed design
- Technical specification of custom electronics development and customisations
- Selection of Commercial-Off-The Shelf (COTS) and Hi-Rel electronics boards
- Flight qualification of COTS electronics boards
- Technical management of electronics boards development by suppliers
- Manufacturing, assembly and testing of electronic interfaces and harnesses
- Assessment of radiation impact on the system
- Preparation of electrical analysis reports and EMC analysis/assessment
- System reliability, availability, maintainability, and safety assessment
- Preparation of test procedures and test reports
- Verification of requirements in Verification Control Document (VCD)
- Electronic design, component selection, schematics, electrical simulations, PCB layout design.

### Qualifications and Experience

- A Master's or Bachelor's degree in an electronics discipline
- Experience with flight system and payload development
- Experience with electronics boards manufacturing and assembly
- Experience with power electronics and control electronics development
- Experience with flight qualification, verification and testing
- Experience with ECSS processes for electronics development and verification
- Experience with rugged and embedded computer systems
- Experience with payloads for the International Space Station (ISS) is desirable
- Experience with Cubesat electronic design and COTS components is desirable
- Experience with high speed digital circuit design.

### Candidates will have the following skills:

- Fluency in English (written and spoken)
- Ability to cope with pressure
- Ability to synthesise, summarise and draw conclusions
- High level of flexibility.

### What Do We Offer?

- Working in a growing company, with offices located in Belgium, the Netherlands and the USA
- A professional, pleasant atmosphere with motivated staff and where autonomy and initiatives are encouraged and with various career growth opportunities
- An interesting remuneration package
- A full time employment position.

Preference will be given to candidates eligible to work in the European Union or in possession of a European Blue Card for two or more years.

We are looking for someone to start **as soon as possible**.

### How To Apply?

- Click on the "Apply" link for this position on our website: <http://www.spaceapplications.com/careers/> .
  - Include your CV and Motivation Letter (both in English) and send to [jobs@spaceapplications.com](mailto:jobs@spaceapplications.com).
- For this position the contact person is **Mr. Michel Ilzkovitz**.