

Space Applications Services NV/SA has offices in Belgium (HQ), a presence in Germany, the Netherlands and the USA. We are 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.

For the Belgian office, we are looking for a:

## Electrical/Electronics Engineer (M/F) 2018-016-BE-SYS-AES-EE

The successful candidate will be based in our main office at Sint-Stevens-Woluwe (Brussels Area).

The position is in the Systems Department (comprises of 40 persons), Avionics & Embedded Systems (AES) Team. The candidate will mainly report to the AES Team Leader.

### Tasks and Responsibilities

- Electrical and electronics design of spacecraft payload
- Technical specification of electronics subsystems
- Design of PCBs according to ECSS and/or IPC Class 3, including analysis and simulation
- Selection, procurement and qualification of: COTS/HiRel electronics subsystems, EEE parts and PCB assemblies
- Preparation and performance of electrical testing campaign (e.g. functional, performance, EMC, ESD)
- Assessment of system reliability, failure modes, and safety
- Development of VHDL for FPGAs and integrating IP cores in FPGA designs.

### Qualifications and Experience

- A Bachelor or Master Degree in electronics discipline
- At least 2 years' experience in electrical/electronics engineering
- Proficiency in electrical/electronics design and analysis, VHDL and hardware design
- Experience with PCB design tools (e.g. Altium Designer), FPGA tools (e.g. ISE/EDK, Vivado)
- Knowledge of FPGAs, SoC and IP Cores (preferably in space industry)
- Will be considered as an asset:
  - Experience on payload development for ISS
  - Experience with: embedded systems (microcontroller and FPGA based), ECSS and/or IPC class 3 standards related to electrical and electronics systems design, manufacturing, and testing.

### Candidates will have the following skills

- Strength to cope with schedules and deadlines
- Ability to synthesise, summarise and draw conclusions
- Able to adhere to strict standards of confidentiality
- Ability to work in distributed international teams
- Excellent organisational and communication skills
- A proactive approach, with initiative and ability to work independently
- Excellent written and spoken English.

### What Do We Offer?

- Working in a growing company located in Belgium, Germany, the Netherlands and the USA
- A professional, pleasant atmosphere with motivated and passionate staff, where autonomy and initiatives are encouraged
- An interesting remuneration package with a relocation allowance, if applicable
- A full time employment position.

Candidates shall be 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**.

**The application deadline is May 27th 2018.**

### How To Apply?

- Click on the "Apply" link for this position on our website: [www.spaceapplications.com/careers](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**.

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