



A.D.A.M SA seeks to appoint a

## Electrical Engineer – Power Converters

A.D.A.M SA (Applications of Detector and Accelerators to Medicine) is working on the R&D and production of accelerators for medical applications. It is a research company, inspired by CERN and a subsidiary of Advanced Oncotherapy plc. A.D.A.M SA is head-quartered in Meyrin/Switzerland and its laboratories are based at CERN. A.D.A.M SA is involved in a hadron cancer-therapy project to build the linear proton accelerator LIGHT (Linac for Image Guided Hadron Therapy). LIGHT's proton energies range from 70 MeV to 230 MeV and its beam properties are ideally suited for the effective treatment of cancerous tumors. We are aiming to provide a clinically superior and cost-effective alternative to conventional radiation therapy solution, ensuring that clinicians and patients have choices, and that proton therapy is available more widely. More information on A.D.A.M. SA can be found on [www.adam-geneva.com](http://www.adam-geneva.com) and [www.avoplc.com](http://www.avoplc.com).

A.D.A.M. SA is seeking a talented Electrical Engineer with experience in power converters, and in particular with high voltage, high current and RF measurements and setups, for the commissioning and validation of new klystron modulators.

This is a 3-year contract and depending on the research and development programme of the Company, the role may become permanent in the future.

### Job Description

#### Responsibilities and tasks

- Installation, test and commissioning of klystron modulators
- Electrical tests and characterization of power converter performances
- Establish test procedures, and writing technical documentation
- Support the Power Converter Group in the installation, operation, and commissioning of power converters.

#### Qualifications

- Master's degree in Electrical Engineering or equivalent.
- Experience working and measuring high voltages and high currents.
- Experience in the domain of pulsed power and/or accelerator applications.
- Good level of spoken and written English with the ability to draw up technical texts.

#### Desirable

- Previous experience designing power converters.
- Previous experience with klystron modulators and/or RF tubes.
- Previous experience with RF measurements.

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#### ADAM S.A.

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REGISTERED IN GENEVA, NO. CH-660.3.156.007-4  
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## What we offer

- a competitive salary and contribution to healthcare costs
- 24 days holiday plus the CERN closing days (approx. 6 days per year)
- career progression through training, development and attendance at conferences
- a friendly, international working environment with experts in their field
- the chance to be at the cutting-edge of proton therapy research

## Information

For further information please contact: [f.cabaleiro@avo-adam.com](mailto:f.cabaleiro@avo-adam.com)

## Applications

Interested candidates should submit:

- a cover letter
- a curriculum vitae,
- a Master's degree certificate or equivalent in a relevant field
- at a minimum, the names of 2 referees, or two letters of recommendation, and/or employment certificate/s
- any other relevant certificates,

by email to the HR Administrator, Sabrina Lagrimosa: [sabrina.lagrimosa@avo-adam.com](mailto:sabrina.lagrimosa@avo-adam.com)

For full consideration, applications should be sent by email before December 14th, 2018 to: [sabrina.lagrimosa@avo-adam.com](mailto:sabrina.lagrimosa@avo-adam.com)

The position will remain open until filled and all qualified individuals are encouraged to apply.

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