

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

Installation and Service Engineer (Control System)

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 and www.avoplc.com.

The successful candidate is expected to perform installation and service activities for building up the dedicated LIGHT facilities as per instruction of the Control System Group. S/he will initially be stationed in Geneva (Switzerland) for training by the Control System Group that performs the development of the systems to be installed. Frequent travel is expected to perform activities in dedicated installations, initially in the United Kingdom, later in Europe or worldwide.

The contract of employment can be either Swiss or UK.

Main activities are to

- Perform electrical installation based on existing layouts, mounting and cabling of low-voltage electronics
- Perform software installation based on existing installation manuals, operating systems, commercial software and in-house developed software
- Perform system tests based on existing test plans for control, safety/interlock, IT and networks
- Improve manuals, schematics and test plans

Requirements

- Have a bachelor of mechatronics, electrical/electronics engineering or software engineering with a strong software and electrical background
- Good knowledge about industrial networks – RS485, Ethernet, Modbus, Profibus, ProfiNet
- Experience to operate laboratory equipment – oscilloscopes, multimeters, signal generators, etc.
- Knowledge of at least one programming/scripting language – LabVIEW, Siemens SIMATIC S7, WinCC OA, Python or C++
- General knowledge about operating systems (Windows and Linux)
- Shown ability to execute hardware and software tests based on existing test plans.
- Work in a controlled/validated environment
- Willingness to travel abroad
- Spoken and written knowledge of English

Following additional skills might be advantageous

- Have a Master of mechatronics, electrical/electronics engineering or software engineering with a strong software and electrical background
- Knowledge of multiple programming/scripting languages – LabVIEW, Siemens SIMATIC S7, WinCC OA, Python or C++
- Prior experience to install and commission software-based systems
- Prior experience in particle accelerator and/or hadron therapy projects
- Basic knowledge of Git and Jira
- Basic knowledge about databases

ADAM S.A.

11 rue de Veyrot – 1217 Meyrin, Switzerland
REGISTERED IN GENEVA, NO. CH-660.3.156.007-4
T: +41 22 5259 400 E: info@avo-adam.com
avo-adam.com

ADVANCED ONCOTHERAPY PLC

Third Floor, 4 Tenderden Street, London W1S 1TE
REGISTERED IN ENGLAND AND WALES, NO. 05564418
T: +44 (0) 20 3617 8728 E: info@avoplc.com
avoplc.com

What we offer (Switzerland)

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

What we offer (UK)

- a competitive salary
- private healthcare insurance
- 7.5% of salary contribution to pension
- 28 days' holiday plus public holidays
- the opportunity to participate in an employee save as you earn share-option scheme

Applications

Interested candidates should submit

- a cover letter
- a curriculum vitae,
- at a minimum, the names of 2 referees, or two letters of recommendation, and/or employment
- any other relevant certificates, i.e. degree and training certificates

by email to the HR Administrator: sabrina.lagrimosa@avo-adam.com

For full consideration applications should be submitted by January 18 2019.

The positions will remain open until filled.

All qualified individuals are encouraged to apply.

ADAM S.A.

11 rue de Veyrot – 1217 Meyrin, Switzerland
REGISTERED IN GENEVA, NO. CH-660.3.156.007-4
T: +41 22 5259 400 E: info@avo-adam.com
avo-adam.com

ADVANCED ONCOTHERAPY PLC

Third Floor, 4 Tenderden Street, London W1S 1TE
REGISTERED IN ENGLAND AND WALES, NO. 05564418
T: +44 (0) 20 3617 8728 E: info@avoplc.com
avoplc.com