### Job Title

**Space Electronics Development Engineer (Dipl.-Ing., FH/ETH), 100%**

### Introduction

The Physikalisch-Meteorologische Observatorium Davos und Weltstrahlungszentrum (PMOD/WRC) is based in Davos, and develops instruments for the ground and space that measure key parameters of the Sun. The director is also an affiliated professor at ETH-physics.

### Project background

PMOD/WRC is a research institute and international calibration centre, focused on the measurement of solar irradiance. The PMOD/WRC was established 113 years ago, where an international team of about 50 people conduct prestigious research. PMOD/WRC has been involved in the development of space instruments since the 1980s, with the most recent launch being the ESA Solar Orbiter mission in February 2020. We are involved in future ESA missions, and a JAXA/NASA mission.

### Task/Job description

Main tasks will be design and development, manufacturing, testing and calibration of high-precision and high-reliable electronics for space instruments and all related tasks. This includes writing the test plans and results as well as detailed documentation in English language according to NASA/ESA/JAXA standards.

### Requirements

An education as an electrical technician (focus on electronics) with a college diploma (FH/ETH) would be a suitable basis to successfully fulfil these tasks.

Ideally, you already have sound knowledge and experience in the development, implementation and production of analogue and digital electronic circuits and PCB’s. You should also be familiar with Altium, Python and FPGA design and development.

We aim to recruit a responsible, motivated and team-oriented person who can solve the required assignments with commitment and autonomy.

For further information contact Daniel Pfiffner via telephone (081 417 51 21) or e-mail Daniel.Pfiffner@pmodwrc.ch.

If you are interested in applying, then please send your application to the following address: Barbara.Buecheler@pmodwrc.ch