



Open position Scientific Programmer in Remote Sensing (Ref: RSL-R2)

We invite applications for a Scientific Programmer position in the field of remote sensing.

The Remote Sensing Laboratories, University of Zurich (UZH) are looking for a scientific programmer to work on two concurrent projects ARES (Airborne Research Facility for the Earth System) and MetEOC-3 (Metrology for Earth Observation and Climate - <http://www.meteoc.org>). Within the ARES framework the new airborne imaging spectrometer is being developed. The MetEOC-3 project focusses on the calibration and uncertainty of remote sensing instruments. MetEOC-3 is led by the National Physical Laboratory (NPL) of the United Kingdom.

Work within these two projects will involve: (a) adding support ARES instruments to the existing Calibration Information System, (b) design and implementation of a software for the interfacing of airborne imaging spectrometers with a new calibration source (STARS) from NPL, (c) writing a software simulation for the calibration of imaging spectrometers with STARS, (d) designing and implementing the support for the treatment of uncertainties in the spectral information system SPECCHIO (www.specchio.ch). The position will require interaction with international organisations.

The successful applicant will be based in Zurich and embedded in a supervisory team including Andreas Hueni (<https://www.geo.uzh.ch/geolean/en/units/rsl/staff/?content=andreashueni>) and Michael Schaeppman (<http://www.gcb.uzh.ch/en/aboutus/people/schaeppman.html>). The working location will be in the Department of Geography.

To apply, all applicants must have a completed master's or PhD degree in either, remote sensing, physics, computer science or a closely related science field. Applicants must be proficient in programming languages (Matlab, Java) and databases (MySQL). Experience in working with web services (Glassfish, Jersey), Git, and analysing spectral data is an asset, but not required. A high standard of written and spoken English is mandatory.

We are looking for a highly motivated, enthusiastic and independent person with a passion for science to join our team. We offer outstanding working conditions, a high quality of life in Zurich, and an excellent support environment.

A suitable candidate can start as soon as a candidate is found, ideally as of 1 April 2019. Salaries correspond to the UZH regulations of engineer or technician salaries.

Please upload your application (motivation letter, complete CV, and names of 2 references) to <https://www.appointments.mnf.uzh.ch/position/7012359>. For further questions, please contact andreas.hueni@geo.uzh.ch.