

**The Scientific Center for Optical and Electron Microscopy** (ScopeM) is a central technology platform of the ETH Zurich and one of the leading core facilities in Switzerland offering access to high-end electron and light microscopy and related techniques. Although the centre itself serves many different research disciplines (physics, geology, biology, material science, chemistry etc.) most of the light microscopy efforts are concentrating on life and materials sciences. To strengthen our team we are looking for you as of January 1<sup>st</sup>, 2016 or upon agreement as

## **Staff Scientist for Light Microscopy with emphasis in spectroscopy and single molecule applications (100%)**

**As a staff member** you will support us in building up the expertise in emerging areas like confocal Raman imaging, Fluorescence Correlation/Cross-Correlation Spectroscopy and single-molecule microscopy including localization-based super-resolution microscopy (PALM and dSTORM). You will also take care of more routine techniques like laser scanning confocal microscopy. You are the main responsible for the corresponding instruments and support the users both in terms of training, sample preparation, image and data processing and related tasks. At the same time you will contribute to the general teaching and research efforts of ScopeM. The position is initially for one year but can be prolonged and is foreseen as a permanent staff position. The ETH Zurich offers a cutting-edge research infrastructure, a highly international environment and excellent working conditions.

**You bring along** a technical or research background in physics/engineering (or an equivalent education in natural sciences). A PhD degree is an advantage, but not necessary. The suitable candidate is expected to have extensive practical experience in the following fields: Raman-imaging, FCS/FCCS methods, single-molecule (super resolution) experiments, customized microscopy systems. Expertise in more than one field is a big plus. A strong computational/mathematical background and solid IT knowledge are expected. Image processing and/or proven programming skills but also familiarity with biological sample preparation are considered as advantage.

You should be willing to expand your knowledge in new microscopy techniques and be ready to work in a highly interdisciplinary environment. Good communication skills, a customer oriented (patient and friendly) personality and solid English knowledge are essential for the position.

**For further information** please contact Dr. Gabor Csucs by phone, +41 79 758 21 58, or e-mail, [gabor.csucs@scopem.ethz.ch](mailto:gabor.csucs@scopem.ethz.ch) (no applications), and visit our website ([www.scopem.ethz.ch](http://www.scopem.ethz.ch)).

**Applications with** a cover letter and full CV should be submitted online <https://apply.refline.ch/845721/4348/pub/1/index.html> and addressed to: ETH Zurich, Human Resources, Mr. Michael Wobmann, CH-8092 Zurich.