



The Swiss Federal Institute of Metrology METAS realizes internationally harmonized reference values for measurement quantities. It administers their dissemination in the required accuracy by calibrations to the Swiss economy, research and administration. For this purpose it operates a state of the art laboratory infrastructure.

The Radiofrequency and Microwave Laboratory is looking for a

Research associate (80 – 100 %)

starting immediately or by agreement.
The position is initially limited to three years.

Your challenge

You participate in international R&D projects related to operation and further development of a Near-Field Scanning Microwave Microscope. This device combines aspects of electrical high frequency measurements and dimensional measurements at small scales. It is suitable for material characterization in the nano- and micrometer range. A wide range of activities is covered: measuring techniques, clean room work, numerical field simulations, data analysis, construction, software programming and pre-standardization work in contact with industrial partners. You present your results at project meetings and write reports and scientific publications.

Your profile

You have successfully completed a university degree in the natural sciences or in engineering with PhD or adequate practical experience. Ideally, you already have dealt with scanning probe microscopy and/or high frequency technology. You are able to independently carry out R&D projects, analyze problems in theory and implement feasible practical solutions. Besides the scientific work you are willing to be involved in project management and in the formulation of new project applications. You are inspired by interdisciplinary questions and have practical skills, combined with the necessary portion of pragmatism and tenacity. Good knowledge of at least one national language of Switzerland is required and you have excellent communication skills in written and spoken English. Thanks to your flexible and team oriented nature you are able to tackle new challenges.

You will find a versatile occupation at the interface between research and industry. METAS offers attractive employment conditions. A broad range of education and training keeps our employees in touch with the latest developments in their field. A cooperative team is looking forward to meet you.

Further information may be obtained from Dr. Markus Zeier, Head of Laboratory (www.metas.ch/hf, +41 58 387 04 91), or Ruth Maurer, Head of HR (+41 58 387 01 11).

[Online Application German](#)

[Online Application French](#)