



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 %, initially limited to 3 years)

starting immediately or by agreement.

Your challenge

- Operation of a Near-Field Scanning Microwave Microscope, which combines aspects of electrical high frequency measurements and nanometrology.
- Material characterization in the nano and micrometer range.
- Further development of a home-built device for international research projects and for industrial applications.
- Cooperation with research and industry partners.
- Writing of applications, reports and publications.

Your profile

- University degree in the natural sciences or in engineering with a PhD or adequate practical experience.
- Analytical thinking skills, precise and solution-oriented working methods.
- Knowledge of project management and preparation of project applications
- Independence in project work.
- Ideally knowledge of scanning probe microscopy and high-frequency measurement technology.
- Knowledge in design, clean room technologies, simulation, data analysis and software development.
- Excellent language skills in English. Communication skills in at least one national language recommended.
- Flexible and team-oriented.

At METAS you will find a versatile occupation at the interface between industry and research. We offer attractive working conditions; thanks to a wide range of training and further education opportunities, our employees remain at the cutting edge of the latest developments in their field of work. A collegial team is looking forward to your cooperation.

Further information may be obtained from Dr. Markus Zeier, Head of Laboratory (www.metas.ch/hf, +41 58 387 04 91, markus.zeier@metas.ch), or Ms. Denise Malnati, Deputy Head of HR (+41 58 387 01 11).

We look forward to your application. If you apply online through <https://www.metas.ch/stellen>, (German and French interface only) you will make it easier for us to process your application. Applications can also be sent to markus.zeier@metas.ch.