



Research Assistant High Frequency (80 - 100 %)

RF & MW Laboratory | immediately or by arrangement

The Swiss Federal Institute of Metrology (METAS) develops internationally agreed reference standards that meet the required accuracy and passes them on to the Swiss economy, research and administration within the framework of calibration services. For this purpose, METAS operates a state-of-the-art infrastructure for the calibration and conformity assessment of measuring instruments in accordance with internationally recognized quality standards.

Your tasks

- Development, commissioning and validation of a new primary reference standard for RF power based on the electro-optical effect, in collaboration with partners from industry and research.
- Evaluation and validation of calorimetric power standards.
- Development and support of international R&D projects.

Your profile

- Completed university degree in natural sciences or engineering with a PhD or adequate practical experience.
- Good knowledge in the field of RF & MW measurement technology (especially power measurements) and ideally also in laser-based electro-optical techniques.
- Knowledge of numerical field simulation and software development.
- Knowledge of project management and the preparation of project proposals.
- Enthusiasm for scientific projects and the ability to analyze problems theoretically and translate them into practical investigations and feasible solutions.
- Solution-oriented, flexible and team-oriented personality who tackles new challenges with ease.
- Very good command of English and knowledge of an official language.

We offer

A varied, interdisciplinary position at the interface between industry and research under attractive working conditions. A collegial and committed team is looking forward to working with you.

For further information please contact

Markus Zeier, Head of High Frequency Laboratory, tel. no. +41 58 387 04 91

We are not considering any recruitment agencies for this vacancy.

METAS respects the different needs and life experiences of its employees and promotes their diversity. Equal treatment is a top priority.

You are encouraged to submit your application through

<https://apply.refline.ch/467573/0639/kwde7caBIN7UUumINNnb5eqIQI4xSMpBjMlf2iAgUvD1KVrTrRif3M/apply?lang=en>