
HIWI / Student Assistant

Development Work & Data Evaluation

Programming in Python, Matlab and C++

The Department **Signatorics (SIG)** focuses on optimizing the performance of electro-optical systems (from the ultraviolet to the infrared spectral range) in the atmospheric environment, as well as improving and developing signature management applications.

The competences of the department lie in the fields of **warning sensors, signature management and environmental control.**

We are looking for a student assistant for the next possible date (about 40h / month) for our working group OAM (Optics of the Atmosphere and Meteorology) at the location Ettlingen. The field of research and projects are embedded in the evaluation and graphical processing of measurement data, as well as the optimization of evaluation routines. The work relies on existing databases. Of course, you will come into contact with a variety of measuring instruments. At the Fraunhofer IOSB, you will be looked after by experienced scientists. They will assist you in familiarizing yourself with the solution.

WORK:

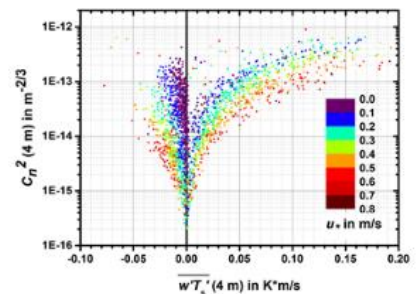
Implementation work in Python. Merging different program structures. Conceptual and research work. Assistance in measurement campaign. Cooperation in scientific publications

WE OFFER:

An exciting insight into application-oriented research at the Fraunhofer IOSB, participation in concrete, industry-related projects, supervision of your bachelor's and master's theses, career opportunities in research and technology, flexible scheduling and modern workplaces, freedom for teamwork and independent work, above-average remuneration.

PREREQUISITE:

Study: Computer Science, Mathematics, Physics, Meteorology
Mathematical and meteorological understanding of advantage
Programming skills in Python and C ++
Experience dealing with UNIX
Independent and structured way of working



Contact: detlev.sprung@iosb.fraunhofer.de or thomas.kociok@iosb.fraunhofer.de

Fraunhofer-IOSB, Gutleuthausstr. 1, 76275 Ettlingen