

## Research Engineer (m/f)

### Research & Engineering Electromagnetics, Numerical Simulations and/or Hardware Design is your passion

#### The Company

Fields at Work GmbH, spin-off company of ETH Zurich, is a small engineering company located in Zurich Switzerland. The company provides contract R&D services mainly in the area of electromagnetics, microwaves and optics including hardware and firmware development. Fields at Work also develops and markets a set of measurement devices for the assessment of the personal exposure from electromagnetic fields in the environment.

#### Your Job

The candidate will support Research within the framework of the EU funded project ETAIN (<https://www.etaingroup.eu/>). This project aims to develop and validate approaches to assess the impact of emerging mobile communication technology from a planetary perspective, while exploring options for exposure reduction and interacting with citizens and stakeholders about exposure levels and possible associated risks. Within this project we will contribute with the development of experimental setups for field studies and laboratory research. Another branch includes the development of Smartphone based exposure assessment tools supporting a citizen science approach.

#### The function includes:

- Conduct and lead sub-projects in electromagnetic design & engineering, exposure assessment and characterization of experimental systems
- Support R&D activities of ongoing projects and contract developments
- Support acquisition of new projects and contract developments
- Communication to customers and research partners

#### Qualifications

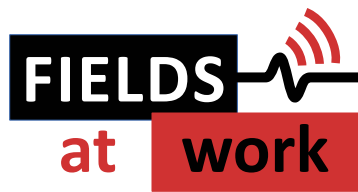
- Master's degree or PhD in electrical engineering, biomedical engineering or similar
- Specific qualification in electromagnetics and/or optics engineering
- Fluent in English, German would be a plus

#### Experience

- Familiar with numerical simulation tools for electromagnetics engineering
- Practical experience in handling RF/Microwave and optical measurement equipment
- Familiar with electronics, hardware design tools (PCB design, CAD) and/or embedded programming
- Minimum 3 years in similar function would be a plus

#### Profile

We are looking for candidates that are passionate about electromagnetics, engineering design and technology, solution oriented, autonomous, rigorous with very high-performance standards. He/She can interact with manufacturers, suppliers as well as with the other functions of the team (R&D, Business Development, ...).



Fields at Work GmbH  
[www.fieldsatwork.ch](http://www.fieldsatwork.ch)

**Remuneration**

The remuneration includes a fixed salary and performance bonus.

**Contact**

Please send your application to [info@fieldsatwork.ch](mailto:info@fieldsatwork.ch)