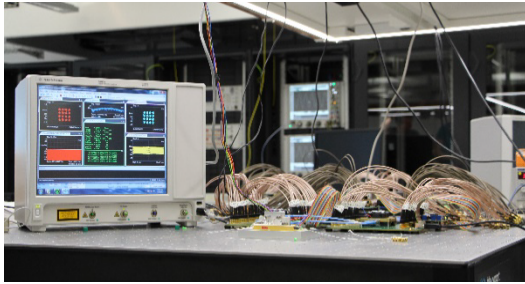


Semester / Master Thesis / Internship Measurement Automation: Electro-optic Characterization (f/m/d)

Broaden your integrated optics horizon at Polariton Technologies



Polariton Technologies is a young start-up coming out of ETH Zurich developing cutting-edge devices for optical communications. We are about to launch our first product based on a novel electro-optic modulator. We enable customers to send data with unprecedented speed and quality.

The modulators are used in research and industry.

Join our team and work closely together with our R&D team, developing the next generations of our products.

Your job includes

- Develop an industrial lab-automation system for optical, electrical and electro-optic measurements
 - Interfacing high-tech lab-equipment using Python
 - Automate and optimize advanced measurement procedures
 - Confirm performance, reliability, and reproducibility of the system

As an ideal candidate, you have

- A bachelor degree in an engineering science, physics, or similar
- Good understanding Python and/or MATLAB
- Good understanding of electronics and optics
- Hands-on mentality and motivation to work in an optics lab

Your learnings

- Grow with a dedicated and dynamic team in a start-up work environment
- Contribute to innovative technology development and test infrastructures
- Work on cutting-edge integrated optics, strengthen your technology skills

Your application

If you are interested in working with us, please send your application (motivation letter, CV) to Wolfgang Heni: join@polariton.ch

Starting time: after negotiation

Location: Säumerstrasse 4, 8803 Rüslikon