



Photonis Roden

Technische Informatici (Technische Informatica), Engineering 1 (Elektrotechniek, Werktuigbouwkunde), Engineering 2 (Technische Bedrijfskunde, Toegepaste Wiskunde),

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"PHOTONIS is a leading multinational high-technology group, manufacturing electro-optic components used in the detection of ions, electrons and photons. We innovate and engineer quality components for integration into a variety of applications such as night vision optics, digital cameras, mass spectrometry, physics research, space exploration and many others."

Stage: september 2020 - januari 2021

INTERNSHIP

We are always looking for MSc Students with a Physics background

Context

In the R&D team responsible for the development of detectors for scientific application we are continuously looking for MSc students with a strong Physics background to help us in the development of new products, in the characterization of our devices or in the preparation of experiments.

We are putting together internship projects based on the need from running project portfolio or the need in fundamental depth on specific topics and based on the candidate profile.

As our devices are state-of-the-art in single photon detection and imaging, our R&D lab is equipped with state-of-the-art set ups allowing to explore the limits of the technology. Ps timing resolution, GHz counting ability, extreme low dark rate, high imaging resolution, etc.

On the material science side, we are continuously searching for specific characterization methods or explore new materials.

WE OFFER

A full-time internship in a booming high-tech company for a period of 6 months.

REQUIREMENTS

You are a MSc student with a strong physics background, affinity with characterization work, semiconductor physics, or material science. You are structured, like challenges and working in a team.