

# INTERNSHIP: MSc Students with a Physics background

<https://www.icdrachten.nl/vacatures/msc-students-with-a-physics-background/>

## PHOTONIS

**Company:** Photonis

**Location:** Roden

**Level of education:** WO

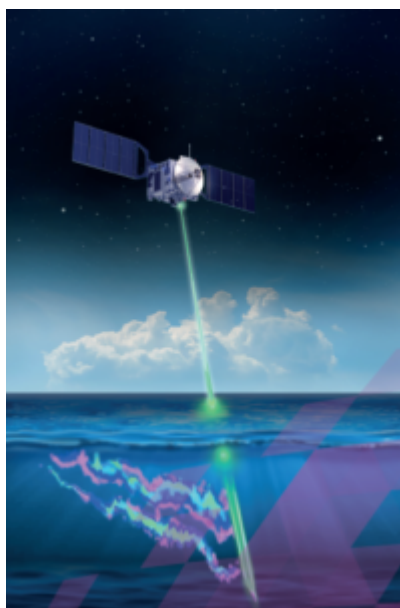
**Period:** 6 maanden

**Internship:** Yes

**Interests:** Physics

**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.**

### 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.

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.

### **The Job**

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.

### **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 characterisation work, semiconductor physics, or material science.
- You are structured, like challenges and working in a team.

### **Applications**

CV and cover letter in English to be sent to HRM, PHOTONIS: [hrm@nl.photonis.com](mailto:hrm@nl.photonis.com)

For more information: [www.photonis.com](http://www.photonis.com)