

## Internship

### Testing and qualification of the next generation hyperspectral imager for space

cosine is developing several miniaturized Earth Observation instruments, covering a spectral range from the visible into the far infrared, with high sensitivity and spatial resolution.

On 2 February 2018 HyperScout-1, a miniature hyperspectral imager developed at cosine, was launched successfully and is now fully operational. Currently cosine is engaged in the assembly, integration, and testing of the next generation instrument, which will be launched in Q2 2019.

To support our remote sensing team with this next flight model of HyperScout, we're looking for a MSc level intern.

Your main project tasks will be:

- The characterization, calibration, and qualification of the instrument.
- Contribute to the planning and preparation of tests and set-ups.
- Perform hand-on experiments in the lab, analyze and document the test results.

Skills and qualifications:

- Master student in aerospace engineering, applied physics, or equivalent thereof
- Proficient communication skills in English
- Experience with environmental, functional, and performance testing is a strong advantage
- Experience with assembly, integration and testing, or ECSS requirements is an advantage

The internship duration is three to six months (negotiable).

Interested? Send a letter and CV (in PDF) introducing yourself to [recruitment@cosine.nl](mailto:recruitment@cosine.nl)