



## **Job offer:** interferometric displacement readout development engineer position for a Junior Doctor in Physics

Co-founded by six experts in optics and mechanics, MAAGM is dedicated to using the science of light to provide scientific instruments for Earth sciences. Our cutting-edge technology, developed in collaboration with renowned laboratories, places optics at the heart of measurement devices that explore the planet — and not just the Earth.

MAAGM, in collaboration with the Institute de Physique du Globe de Paris (IPGP), is seeking a talented junior physicist to contribute to the development of optical seismometer readouts for planetary exploration. Following the successful SEIS mission on Mars, we are committed to advancing the technology for future missions on Moon with even higher performance standards.

### **Skills:**

- ✓ Utilize your expertise in **optics, instrumentation, and signal processing** to enhance the performance of our interferometric optical readout.
- ✓ Proficiency in **Python or MATLAB** is essential for data analysis and algorithm development.
- ✓ As part of a small team, you will enjoy a **diverse range of responsibilities**—from hands-on work to engaging in customer discussions
- ✓ Efficiently **report results** and collaborate effectively with the team, to stay in synergy while having a **large autonomy**
- ✓ Consider properly the pros and cons of **working in a start-up** setting

### **Qualifications:**

- Doctorate in Physics / Optics / Instrumentation (postDoc appreciated, but not necessary)
- Fluent in scientific English language

### **Location:**

- 70% IPGP, rue Hélène Brion, Paris
- 10% MAAGM, Le Mans (500m of the train station)
- 20% homeworking

Join us in shaping the future of planetary exploration 🚀 and geosciences instrumentation 🔧!  
Apply now and be part of groundbreaking missions worldwide 🌍.

More information:

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References : [https://pioneers.oma.be/scientific\\_publications.php](https://pioneers.oma.be/scientific_publications.php)