



## Numerical Geophysicist Researcher specialized in geophysical imaging and inverse problems - Nantes (France) - Full time

### Description/Overview

Geolinks is a growing and dynamic deeptech startup with an international focus. We are dedicated to developing sustainable and innovative geophysical monitoring solutions.

Our talented team members are looking for passionate research-oriented engineers like you, with a keen interest in geophysics and, above all, the fight against climate change!

Together, let's shape a more sustainable future for geophysics. Come and grow with us!

### What you will be doing

- Carry out numerical research projects within the R&D department in collaboration with other researchers and engineers from Geolinks and external partners. Specific missions or projects will require to travel in France and abroad, for a short period of time, generally less than a month.

### Your Responsibilities

- Implementation of inverse methods to measure and spatialize seismic noise interferometry attributes.
- Development of multi-physics joint inversion approaches.

### Qualifications

- Organized and self-reliant.
- PhD in a field of geophysics or signal processing or acoustics or applied mathematics.
- Experience in geophysical inversion is required.
- Experience in wave propagation modeling is appreciated but not mandatory
- Appetence for applied mathematics to solve geophysical problem.
- Appetence for research applied to industrial issues.
- Autonomous programming, mostly Python. Fortran, Matlab or any others languages also useful.
- Autonomous on calculator and parallel computing.
- Fluent English (read, written, spoken).

### Benefits

- Working with a team of talented, excellence-oriented, and professional members.
- Participating in various leading edge projects worldwide.
- Teleworking 2 days a week.
- Start: April 2024.
- Contract type: CDI (permanent contract).
- **Salary: 36-40 k€ annual.**

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