



The **Photonics Engineering Group** at the University of Alcalá, within the framework of European **Project SAFE** ("Tsunami early warning **S**ystem using **A**vailable seafloor **F**iber cabl**E**s") funded by the European Innovation Council offers positions for:

1 post-doc candidate on Signal Processing for Distributed Acoustic Sensing (DAS)

The aim of SAFE is to develop a new type of tsunami early warning solution based on already-available fiber optic infrastructure in the sea bottom. This solution will be ideal for developing countries as it will have much lower costs than current alternatives.

The interested candidates should hold a PhD in Photonics, Signal Processing or a related discipline. Background in DAS and/or machine learning is strongly appreciated.

We offer: Work in a young and dynamic team of scientists, strong international collaboration, access to modern technology labs and participation in a cutting-edge research program.

Salary: ~2400 Eu/month.

Application: Interested candidates with relevant expertise are encouraged to send, preferably by e-mail: an application letter, a brief Curriculum Vitae, a scanned copy of the University records, a record of achievements (papers, presentations etc), and any reference letter to

Prof. Miguel Gonzalez-Herraez
miguel.gonzalezh@uah.es



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1 PhD candidate on distributed optical fiber sensing

The aim of SAFE is to develop a new type of tsunami early warning solution based on already-available fiber optic infrastructure in the sea bottom. This solution will be ideal for developing countries as it will have much lower costs than current alternatives.

The interested candidates should hold a BSc in Physics or BEng degree in Electronics/Telecom Engineering (or related discipline). Experience in fiber-optics is also strongly appreciated.

We offer: Work in a young and dynamic team of scientists, strong international collaboration, access to modern technology labs and participation in a cutting-edge research program.

Salary: ~1900 Eu/month.

Application: Interested candidates with relevant expertise are encouraged to send, preferably by e-mail: an application letter, a brief Curriculum Vitae, a scanned copy of the University records, a record of achievements (papers, presentations etc), and any reference letter to

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