



Airborne SAR Processing Engineer

Ref: MS-JDS-APE-201804

Title: Interferometric Airborne SAR Processing Engineer

Reports to: Project Manager and Director

Based at: MetaSensing BV, Noordwijk ZH, The Netherlands.

Job purpose: Processing of airborne SAR data, including InSAR data. Develop, test and maintain the MetaSensing InSAR processor.

Job duties:

- Develop and implement algorithms related to InSAR techniques
- Develop and implement analysis and quality control tools for the InSAR processor
- Perform data analysis and quality control on processed data
- Produce documents and reports about performed processing
- Infrastructure maintenance and upgrade.

Required skills and qualifications:

- Master degree in telecommunication, electrical, computer science, engineering, physic, mathematic OR related field
- Strong knowledge of SAR processing theory and applications (focusing, interferometry, polarimetry, calibration, etc.)
- Strong knowledge of programming languages (MATLAB, Python, C, C++, C#)
- Documented experience in processing airborne interferometric SAR data
- Good knowledge of the English language (oral and written) for the working environment
- Good communication and team-working skills
- Willingness to travel
- Enthusiasm, dynamicity and self-motivation

Desired skills

- Minimum 4 years of experience in the field
- Ability to work in an international team
- Knowledge of graphical processor units (GPU) programming
- Knowledge of back projection-based algorithms

Employment duration:

The employment has a standard duration of two years with possibility of extension. The starting date will be agreed with the candidate, early starting date is preferred.

Company description:

MetaSensing is an innovative Dutch remote sensing company founded in 2008 with the aim of commercializing the new compact, high resolution radar mapping technology.

In just a few years, MetaSensing has acquired numerous successful airborne radar campaigns completed at the Ku, X, C, S, L and P frequency bands, and developed ground-based radar systems for different applications.

Today MetaSensing is one of the unique companies in the world which offer cost effective airborne and ground-based radar sensors and services both for commercial and scientific applications.

Combination of innovative technology and advanced processing techniques has made MetaSensing the fast growing, global company with projects in Europe, South East Asia, Middle East, Canada, United States, Africa and South America.

If interested, please send an email with your CV and cover letter to info@metasensing.com with subject Ref: MS-JDS-APE-201804.

Noordwijk, 20/04/2018