



Interferometric Airborne SAR (InSAR) Processing Engineer

Ref: MS-JDS-INS-202104

Title: Interferometric Airborne SAR (InSAR) Processing Engineer

Reports to: Project manager

Based at: Noordwijk, The Netherlands, or Milan/Rome, Italy, or Singapore

Job purpose: Processing of Interferometric airborne SAR data

Job duties:

- Process airborne Interferometric SAR data
- Generate digital elevation models (DEM) from acquired airborne SAR data in single-pass and repeat-pass interferometry
- Develop new algorithms for InSAR applications
- Perform data analysis
- Produce documents and reports.

Required skills and qualifications:

- Strong knowledge of Interferometric SAR (InSAR) processing
- Knowledge of motion error phase correction
- Experience in InSAR algorithm implementation and data analysis
- 4+ years of experience in the field
- Programming experience in MATLAB and C/C++
- Good knowledge of the English language for the working environment
- Good communication and team-working skills
- Enthusiasm, dynamicity and self-motivation

Desired skills and qualifications: Permission to work in EU or Singapore

Company description: MetaSensing is an innovative Italian/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 joinus@metasensing.com with subject Ref: MS-JDS-INS-202104.

Milan, 07/04/2021