

ETSC Technologies Europe

ETSC Technologies Europe is a professional Photonics solution provider established in Louvain-la-Neuve since 2014. We provide wide range of optoelectronic devices for scientific research and industrial applications in the fields of optical fiber communication, laser sensing, terahertz imaging and laser processing.

Great service through worldwide partnership

ETSC works with its partners from worldwide to support clients all around Europe. These partners are NTT-AT, IRDAION and SURUGA SEIKI.

Not just a solution provider

ETSC is not only a solution provider but also but also a developer.

In 2016, we released our own developed distributed fiber sensing interrogator-OCI-1500 using OFDR method for optical link diagnostic and temperature/strain measurement. This device can be applied to civil engineering such as pipeline, construction, aerospace, automotive, et cetera. It can also be applied to optical fiber communication to detect the structure of PICs, such as the defects of micro bends, splicing points.

In 2017, we have developed a component burn-in system-LHX series which can measure the life circle of PD, LD and APD from chip to component level.

Our Vision

Our goal is to provide great service and keep developing novel systems to support various applications of our clients. We believe that with our experience and through our present and future collaborations with other photonics specialists throughout the world, we can bring a one-step-ahead technology to the Photonics industry.

Our website

<https://www.etsc-tech.be/>

Our Recruitment

Radio Frequency Automation Development Engineer

Job Responsibilities:

1. BAW filter design: related work on modeling and calculation of equivalent RF circuits (linear, nonlinear,)RF test data fitting and high power of BAW;

2. PDK software automation: ADS/comsol/HFSS simulation software, connecting with python/matlab and other automation software;

3. MEMS technology: conducting statistical analysis on the knowledge and data of real production and microelectronics technology.

Profile:

1. Doctor degree or above, major in communication engineering, microwave, radio frequency design, etc., familiar with RF, microwave, electromagnetic theory, etc.;

2. Have a certain basic programming ability, and be able to use MATLAB, Python, C, Ruby, etc. for algorithm simulation;

3. Familiar with the design and support of components such as RF filter (filter), power amplifier (PA), low noise amplifier (LNA), switch (Switch), etc. FBAR development experience is preferred;

4. Have experience in electromagnetic simulation such as ADS, HFSS, etc., and be familiar with the use of related software;

5. Familiar with the use and calibration methods of test equipment such as network analyzers, spectrum analyzers, power generators, and RF probes is preferred;

6. Be proficient in writing technical documents, and have good document preparation habits and writing standards.

Are you interested in working in a growing company with positive work atmosphere and young team, in a position where you can take on engineer tasks, contributing to the backbone and growth of the company?

Then be sure to send your CV and cover letter to huiwinw@etsc-tech.com; judyh@etsc-tech.com .