



MEMS Design and Characterization Engineer

About the company

Qplox is a fast-growing company offering test and automation engineering. Headquartered in Leuven, with offices in Barcelona and Eindhoven.

Our clients are major multinational enterprises and local companies from automotive, semiconductors, RF, consumer electronics.... Our Test automation group offers a one stop shop for design of automated test benches, system integration production, lab automation and data acquisition systems, with a growing focus in IoT sensor networks.

Our consultancy department offers services in RF, semiconductors and electronics design and test, as well as on the crossing roads of Nanotechnology, Bio-Science Engineering and Biotechnology.

Job Description

You will create and implement novel MEMS designs in existing technologies and technologies under development. More specifically, the team is working on new ultrasound transducers fabricated in Silicon and in polymer technology, on novel optical sensor, and on MEMS sensors and actuators (such as gyroscope and accelerometer).

Your job will be to take part of these activities as a MEMS designer.

Further you will also undertake the following tasks:

- You will also characterize of the designed devices.
- You will build new set-up for MEMS characterization.
- You will maintain a high standard of literature knowledge to support the design and characterization activities.

Location: Leuven

Candidate Description

- PhD degree in Physics, Mechanics or Electrical Engineering with several years of relevant experience in design and characterization of MEMS.
- Experience in project leading is an asset.
- Proven experience In multiphysic modeling, design techniques and design environment.

Proficient:

- in use of multiphysic design software such as Comsol, MEMS+ or Ansys;
 - in ultrasound simulations;
 - in writing code or routines using Matlab or Python;
 - in conceptual system design and system testing;
 - in MEMS characterization.
 - Our customer environment requires a good team player with competent communication and reporting skills.
 - Given the international character of our customer, a good knowledge of English is mandator
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We offer

An attractive salary package with extra benefits. A high tech, multicultural and young ambient. A fast track in a growing company. Formation in multidisciplinary environment plenty of learning opportunities.

Contact

Send your CV and application letter to jobs@qplox.com with the subject "**MEMS Design and Characterization Engineer**".