

RF Characterization Engineer

Incize is recruiting a self-driven and motivated professional to join the characterization and modeling team, located in Belgium. As RF characterization engineer, you will support R&D activities and develop new products for clients from the RF industry.

Objectives/Tasks/Mission

In charge of device characterization for advanced on-wafer RF device technology, the candidate will work closely with our characterization and modeling experts as well as with external foundries to develop custom spice models and libraries. Jointly with the team, the candidate is expected to:

- Develop characterization test structures,
- Develop reference measurement flows for accurate device characterization (best practices),
- Perform on-wafer characterization, including DC/AC, S-parameters, large-signal, and noise,
- Develop accurate methodologies for data analysis,
- Deliver technical reports.

Qualifications, Competences & Knowledge

- **Bachelor's in physics or Electrical Engineering required, Master of Science desired**
- Characterization techniques (DC, AC, RF, noise) and tools (ICCAP)
- On-Wafer and packaged devices characterization
- Semiconductor device physics (especially advanced MOSFETs and BJTs) and CMOS process flow
- Scripting language (e.g. Python)
- Knowledge of Silicon-on-Insulator (SOI) (advantageous)
- Knowledge of GaN devices (advantageous)
- Problem solving and communication skills within a multicultural environment
- Professional English for communication and reporting.

What we offer

- Competitive salary
- Comfortable work environment in an international team
- Opportunities to learn from experts in the field

Location

Louvain-la-Neuve, Belgium

How to apply

Please send your CV, a list of publications and a cover letter to info@incize.com with the subject line *job_RFCE01_2022_lastname*. References to be provided upon request.

About Incize

Incize is a Belgian company offering characterization and modeling services of devices and materials used for RF applications. Incize also provides radiation hardness test services. Incize works on R&D projects with international partners to develop new technologies. We work with foundries and fabless companies around the world. Incize is based in Louvain-la-Neuve, Belgium.

Visit incize.com to find out more.

