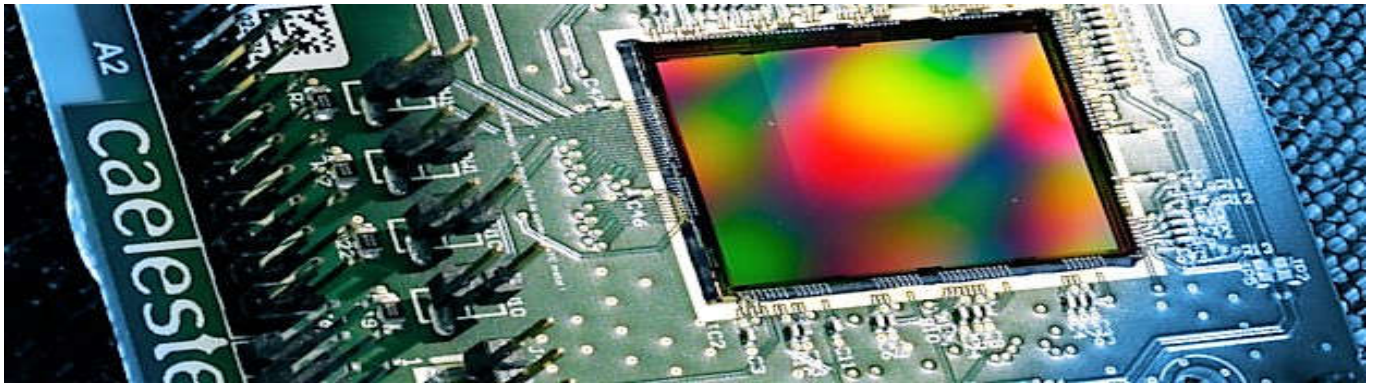


Characterization Engineer



About Caeleste

Caeleste is a proud group of engineers, scientists & enthusiasts who create innovative CMOS image sensor solutions. We go the extra mile to create unique & beyond state-of-the-art solutions that allow our customers to differentiate in their field of expertise. From within our Belgian office, we collaborate with world-class multi-national companies that shape the market in space, scientific, medical, industrial and life science applications. Thanks to the in-house expertise on high-speed, sub-electron noise, ultra-high dynamic range and extreme radiation-hard designs, Caeleste ensures an end-to-end quality focus on the entire product flow. At Caeleste, having fun goes hand-in-hand with our pride. By becoming a part of Caeleste, you will be able to experience the direct impact of your ideas and actions, regardless of your role or seniority.

Characterization Engineer

You will join the characterization & test team that is responsible for the functional validation, characterization and production test of our image sensor prototypes & products.

You have the opportunity to grow according to your capabilities and aspirations. We foster experience, but also welcome junior engineers with great potential. As part of a multi-disciplinary team, you will contribute to the development & production of new CMOS image sensors through characterization of image sensor devices and test structures. Your responsibilities are diverse and include electro-optical image sensor characterization, functional validation of new designs & processes, optimization of operating conditions and performance limitations, investigation and understanding of image artifacts, development of new test methods and systems, contributing to technical reports and customer interactions.

Job specific requirements:

- Master in (Micro-)Electronics Engineering, Physics or equivalent by experience
- Understanding of CMOS technology and mixed-signal analog/digital electronics
- Fast learner of theoretical concepts and hands-on design, simulation and validation tools to master and discuss with internal and external world-class experts
- Elaborate experience with electronic test & qualification equipment
- Capable of programming test procedures and flows in Python and C#
- Creativity, an analytical mind and pragmatic problem-solving skills
- Excellent communication skills in English writing, presenting and customer interaction
- Accountable & committed team player

Additional skills that are of interest:

- Background in test and measurement of semiconductors
- Experienced in image sensors and their applications, testing, camera or instrument design
- Special interest in image sensors & test systems in a production context
- Experienced in electro-optical characterization or evaluation of image sensors
- Background in Silicon processing and CMOS technology
- Understanding of image sensor packages, surrounding electronics, ADCs, DACs, PLLs
- Working language is English, any other language is a plus

We offer:

- A competitive compensation & benefits package
- A competitive & international context of world-leading companies
- A technological playground within a mixed-skilled, multi-cultural team of experts
- A continuous focus on learning at Caeleste University
- A flexible & pragmatic environment with attention to teamwork and work-life balance

For all your questions, please contact Ewa Burzynska or jobs@caeleste.be