caeleste
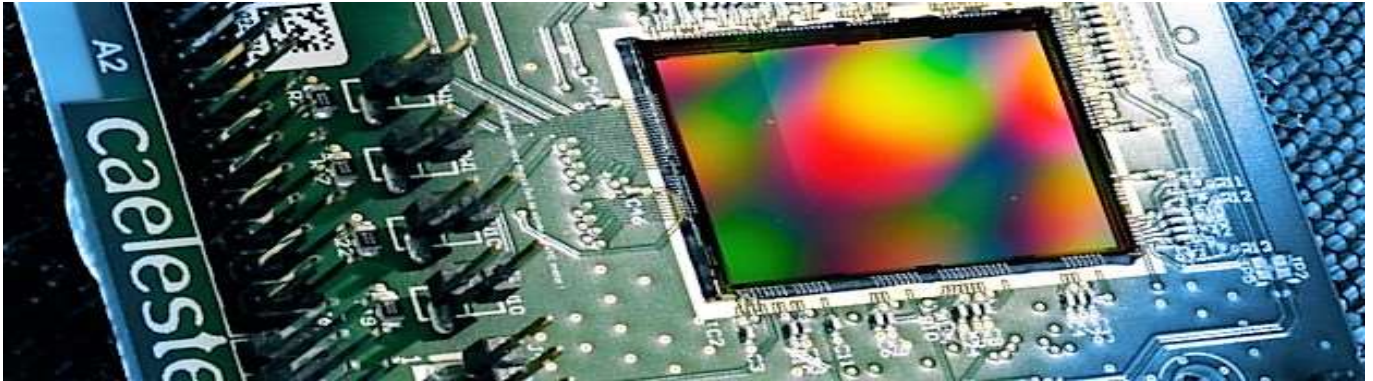
Characterization Engineer

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 proudness. By becoming a part of Caeleste, you will be able to experience the direct impact of your idea's 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. For this position we are looking for junior engineers with great potential. As member 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:

- Bachelor or Master in (Micro-)Electronics Engineering, Physics or equivalent by experience
- Basic knowledge of CMOS technology and mixed-signal analog/digital electronics
- Fast learner of theoretical concepts to master and discuss with internal experts
- Knowledge of electronic test & qualification equipment
- Understanding of programming test procedures and flows in Python
- Creativity, accuracy and being result driven are valued
- Good communication skills in English writing and presenting
- Accountable & committed team player

Additional skills that are of interest:
- Special interest in image sensors & test systems in a production context
- Awareness of electro-optical characterization or evaluation of image sensors
- 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