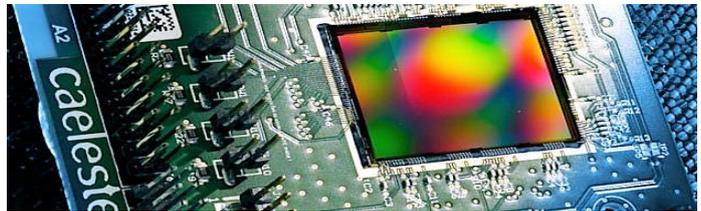


Image Sensor Designer & Scientist

About Caeleste

Caeleste is the young and dynamic innovation engine with a proven track record in design & supply of beyond state-of-art custom-designed high-end CMOS image sensors. The company differentiates through its capability of handling the most advanced projects, covering solutions in high performance imagers in close cooperation with its customers for space, scientific, medical and industrial 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: from architecture, design, prototyping, test & characterization up to production and test for customer deliveries.

We are looking for a Image Sensor Designer & Scientist to join our R&D team that is responsible for the technology analysis, research, circuit design, simulation, layout and verification of our image sensor prototypes & products.



About your job as Image Sensor Designer & Scientist

You will work on the design of novel CMOS image sensors. You have or want to acquire the feeling for mixed-mode analog-digital design.

Your responsibilities cover a broad scope ranging from image sensor design and evaluation, research on better circuits and topologies, design methodologies, design correctness and verification, project management, travelling, partner interaction, in the field research and service.

You are not alone, but part of an intensely collaborating team of peers and experts. You will have a significant amount of autonomy and will take up impactful responsibilities in the team.

Job specific requirements:

- Master in (Micro-)Electronics Engineering, Physics or equivalent experience
- Fast learner of theoretical concepts and hands-on design, simulation and validation tools to master and discuss with internal and external world-class experts
- 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:

- Experience or background in space electronics and radiation hardness, cryogenic electronics, particle detection, biomedical imaging, general imaging, visible light and non-visible light detection
- Experience in image sensor design, i-SoC, testing, camera or instrument design
- Experience with operational management of chip development projects
- Background in Silicon processing and CMOS technology
- Background in Optics and Solid-state Physics
- Working language is English, any other language is a plus

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