



Job description :

System and Test Engineer

Caeleste is a young and dynamic design house for turn-key, high-end, beyond state-of-the-art, image sensors. Its product is custom imager sensor design & production and long term R&D. Caeleste is the originator of many novel concepts as indirect X-ray detection with photon counting, Color X-ray, and sub-0.5 noise electron read noise CMOS pixels. For our continuing growth we are looking for people who like challenges beyond state of the art.

Job description

As part of a team, you will contribute to the development and the production of new CMOS image sensors and technology through characterization and testing of image sensor devices and dedicated test structures. Responsibilities are diverse and include electro-optical image sensor characterization, validation of new designs and processes, determination of optimized operating conditions and performance limitations, investigation and understanding of image artifacts, development of new test methods and systems, contributing to technical reports. Caeleste is building up its system/test and production team under supervision of an experienced systems manager. You will be lead in his system/test team and will have the opportunity to grow according to your capacities. We welcome experience, but are also willing to hire a promising engineer with a great potential.

Minimal requirements

- Good communication skills in writing, presenting and customer interaction
- Creativity, analytical mind and problem solving skills
- Solidar teamplayer who takes on project and product management
- Capable of programming test procedures and flows in Python and C/C++
- Understanding of Digital and analog electronics
- MS in Industrial Science, Electronics Engineering or equivalent by experience or vocation
- Working language is English, any other language is a plus

Additional skills that are of interest

- Background in Test and Measurement of semiconductors
- Experience with image sensors, IS applications, testing, camera or instrument design
- Understanding of ADC's, DAC's, PLL's
- Special interest in Image Sensors & test systems and production
- Experience in electro-optical characterization or evaluation of image sensors
- Elaborate experience with electronic test and qualification equipment
- Experience in image sensors packages and surrounding electronics

For all your questions, please contact

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