



caeleste cvba  
Hendrik ConscienceStraat, 1B  
2800, Mechelen, Belgium  
www.caeleste.be

Mechelen, 15 March 2016

**Subject:** Caeleste visionary workshop on “The future of high-end image sensors”

Dear Caeleste relation,

We cordially invite you to our visionary workshop about **The future of high-end imaging** on Wednesday April, 6<sup>th</sup> from 13:30 – 17:40 in the Square meeting Center, Kunstberg – Mont des Arts in Brussels. This seminar will run in conjunction with the [SPIE Photonics Europe Conference](#).

The market of image sensors is revolutionized by the ever progressing CMOS technology; even to the extent that the CCD market leader announced to stop its CCD production. Simultaneously the range of wavelengths, which can be imaged (in)directly with Silicon based detectors is largely increased.

We have brought together top experts in their field and they will provide their view on the tendencies for **future high-end image sensors**. be a very exciting and interesting workshop. The following speakers will give their view about the following topics:

Jan Bosiers – Teledyne-Dalsa	Wafer-scale CMOS imagers for medical X-ray imaging
Benoit Dupont – Pyxalis	20 bit image sensors using dual processor architectures
Gert Finger – ESO	Large format, high speed sub-electron noise image sensors for ground-based astronomy
Jochem Hermann – Adimec	CCD is history, CMOS is the future: ‘Still many challenges ahead!’
Ajit Kumar Kalgi – Caeleste	High Dynamic Range, shot noise limited Image sensors with global shutter.
Nick Nelms – ESA-ESTEC	High-performance image sensors in space – the shape of things to come
Karsten Sengebusch – Eureka	Prediction of the performance and image quality of CMOS image sensors.

We are glad to welcome you on this event. In order to have a smooth preparation of the workshop, we advise you to register directly on the website of [SPIE](#). Unless you want to follow other conferences or courses, select the “Exhibition and Industry Events Only (**free**)” Tab and complete the registration data.

For our internal preparation we want to ask you to drop us also a short E-mail, confirming your presence.

In case you cannot attend, feel free to transfer the message to as many colleagues, as you like.

Looking forward to meet you in Brussels!  
Best Regards

Bart Dierickx  
CTO

Patrick Henckes  
CEO

Jan Vermeiren  
Business Development

Your supplier of beyond state of the art CMOS image sensors  
Visionary Workshop about the future of high-end image sensors. Brussels - April 6<sup>th</sup> 2016