Advanced Course on Image Sensor Technology

Event - Advanced Course on Image Sensor Technology ↻

Title	Advanced Course on Image Sensor Technology
When	Do, 27. Oktober 2016 - Fr, 28. Oktober 2016

Description

Advanced Course on Image Sensor Technology

TECHNOLOGY FOCUS OF THIS COURSE
CMOS image sensors are key components of modern cameras. Technology as well as device architectures are optimized to obtain peak performance of the image sensor and the camera system. The most advanced CMOS image sensors show pixel sizes beyond 1 µm. The imagers demonstrate a light sensitivity comparable to that of the human eye. Another feature, the back-side illumination, is no longer limited to high-end professional applications. In addition, the modern camera systems can present a dynamic range of 120 dB or more. The equivalent noise level is in the range of sub-electron noise. Even if all these incredible features cannot be combined in one single CMOS image sensor simultaneously, they will allow for new technology breakthroughs and new imaging applications.

Please learn more about this event by following link:
http://www.cei.se/find-your-course/telecommunications/digital-imaging,-speech-and-signal-processing/c20-advanced-course-on-image-sensor-technology.aspx

Venue - Grenoble

Location	Grenoble
City	Grenoble
Country	FR