

CMOS Image Sensors : Past, Present and Future

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This presentation will give an overview of CMOS Image Sensors used for

visible light detection. In the case of consumer applications, the pixel race seems to slow down. Fortunately this is not the case for the developments in image sensing. What can be expected in the near future?

The R&D focus will be on new features and improved performance. Now that

the imagers have a huge amount of pixels available, maybe part of these pixels can be used for other purposes than the classical imaging function. The talk will try to show that imagers seem to get worse in performance, while the images seem to get better in quality!