

## **When 3D process integration turns into 3D optical sensing**

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The CMOS image sensors market represents approximately 20 B\$ in 2020, and 3D optical sensors are becoming a more and more significant part of it. The first section of this talk will describe the current and future process technology trends enabling innovation in the field of CMOS image sensors. The second section will focus on 2 cases studies for 3D depth sensing: the global shutter sensor, and the time of flight sensor.