



detector seminar

SPEAKER: Nobukazu Teranishi
TITLE: **Recent Progress of Visible Image Sensors**
DATE: 23 Feb 2018, 11:00
PLACE: 40-S2-B01 - Salle Bohr

ABSTRACT

Image sensor technologies have been advanced drastically these 4 decades, and they have brought fruitful success in the market. The sales amount was more than 4 billion pieces in 2015. In this presentation, pixel shrinkage trend and recent technical trends at visible image sensors are reviewed: 1. pixel shrinkage, 2. photon counting, 3. stack and 3D structure, 4. sensitivity expansion to invisible, especially near IR, 5. ToF (time of flight) and gesture.