## [Invited] VCSELs for 3D Sensing and Imaging

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Key words; VCSEL

Abstract Vertical cavity surface emitting lasers (VCSELs) have long been predicted as low-cost enabling laser sources for many applications including optical communications, sensing and imaging. In this talk, I will discuss inventions and advances made in the last two decades and recently, all of which have led to recent wide deployment of commercial applications including LIDAR, 3D sensing and optical coherent tomography applications.