

Speaker Karlsruhe Days of Optics & Photonics 2021



Abstract: Automotive Lidar technology - Apparently, a crowded industry

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LiDAR sensors are widely considered as the „missing perception brick“ that will enable autonomous driving. However, its performance, reliability, and manufacturability is a matter of large debates as the market is still missing standards. This presentation will introduce the necessity of the technology, discuss its benefits and drawbacks and give brief estimates about recent developments and the near future.

Biography

Mr. Beuth studied physics at the HWU Edinburgh and at the KIT. He finalized his PhD thesis about the optical system design of focused lidars for wind turbines in 2016 and has worked at Valeo ever since. His focus is optical system design and industrialization concepts. In 2019, he was chosen for becoming a Valeo Expert in Lidar Optics.