



ams, Ibeo and ZF partner to deliver industry-first solid-state LiDAR systems for the automotive industry.



Austria-based sensor developer AMS have signed an agreement to team with Ibeo Automotive Systems and ZF Friedrichshafen to advance lidar technology for use in autonomous driving and other applications. The three companies will partner on joint R&D efforts to ensure that this exciting technology can be quickly and safely adopted by 2021.

AMS will provide automotive-grade VCSEL (vertical-cavity surface-emitting laser) arrays and drivers for solid-state lidar illumination solutions. Ibeo CEO Dr. Ulrich Lages says "Lidar is already a key technology in the automotive sector, and to date our leading products are used with automotive companies in Europe and worldwide. The combination of our solution know-how with ams' VCSEL technology will create a tipping point for solid-state lidar in the automotive sector".