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Cover Image: A physics perspective on lidar data assimilation for mobile robots by Yann Berquin and Andreas Zell. **Figure 10.** 'Experimental setup for lidar data acquisition. The lidar sensor is highlighted in red on the picture. The lidar sensor operates with a 360° vertical field of view (~0.2° angular resolution) and a ±15° vertical field of view (2.0° angular resolution).'