# AcousticFusion: Fusing Sound Source Localization to Visual SLAM in dynamic environments

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- We use the Sound Source Localization method to detect sounding obstacles and mark areas of these obstacles in the image

- The detected obstacles were removed to enable visual-SLAM in the dynamic environment.

- We provide a visual odometry database with synchronized sound and RGB-D images
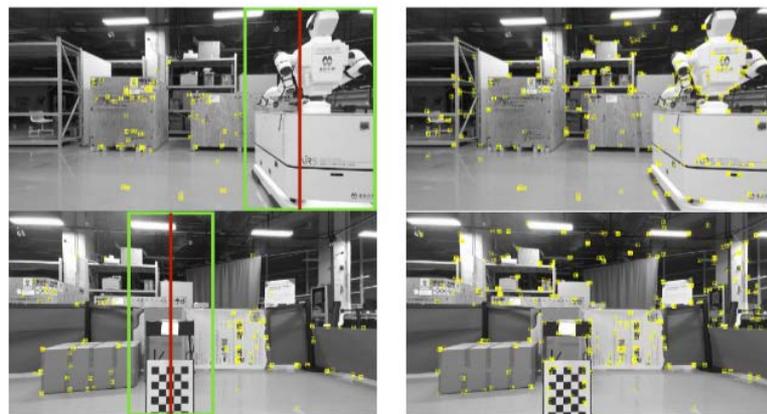


(a) Ours      (b) Openvslam

Our method removes wrong features from moving robot surfaces.