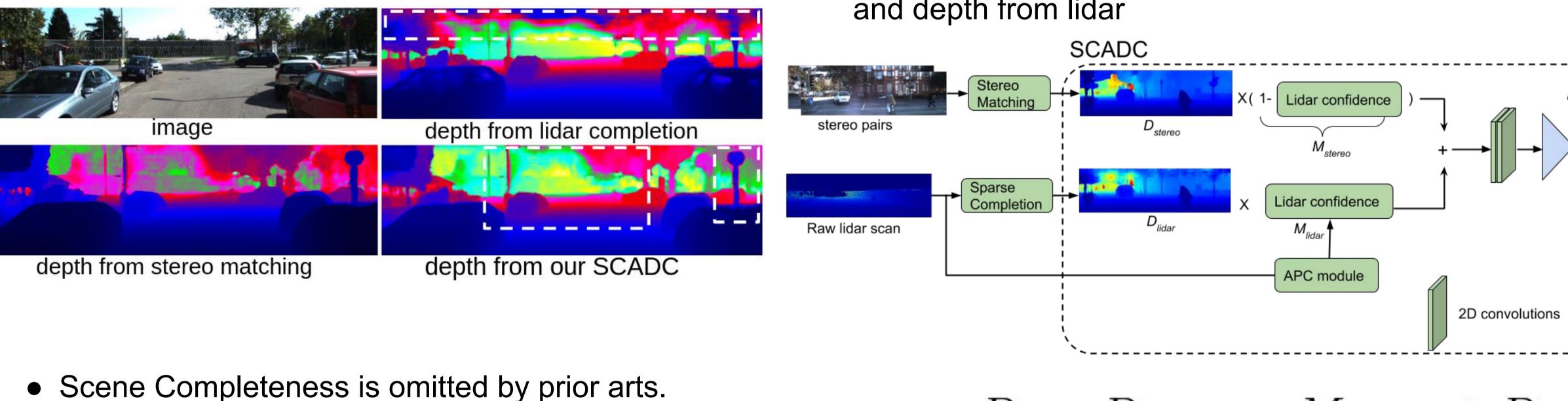


## #SensorFusion #DepthCompletion #Practicability

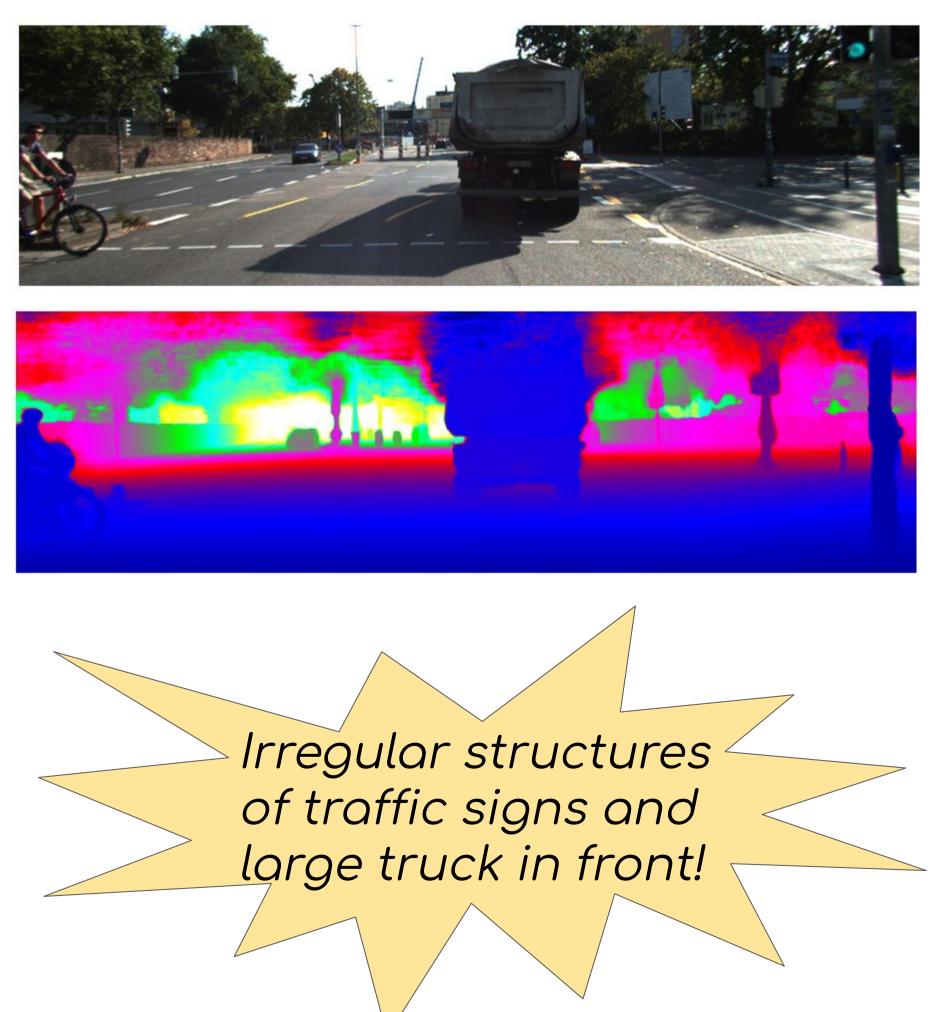
# Motivation

- Depth Completion from lidar produces irregular upper scenes due to no groundtruth guidance
- Stereo Matching based methods suffer from edge bleeding and the accuracy is generally lower than lidar



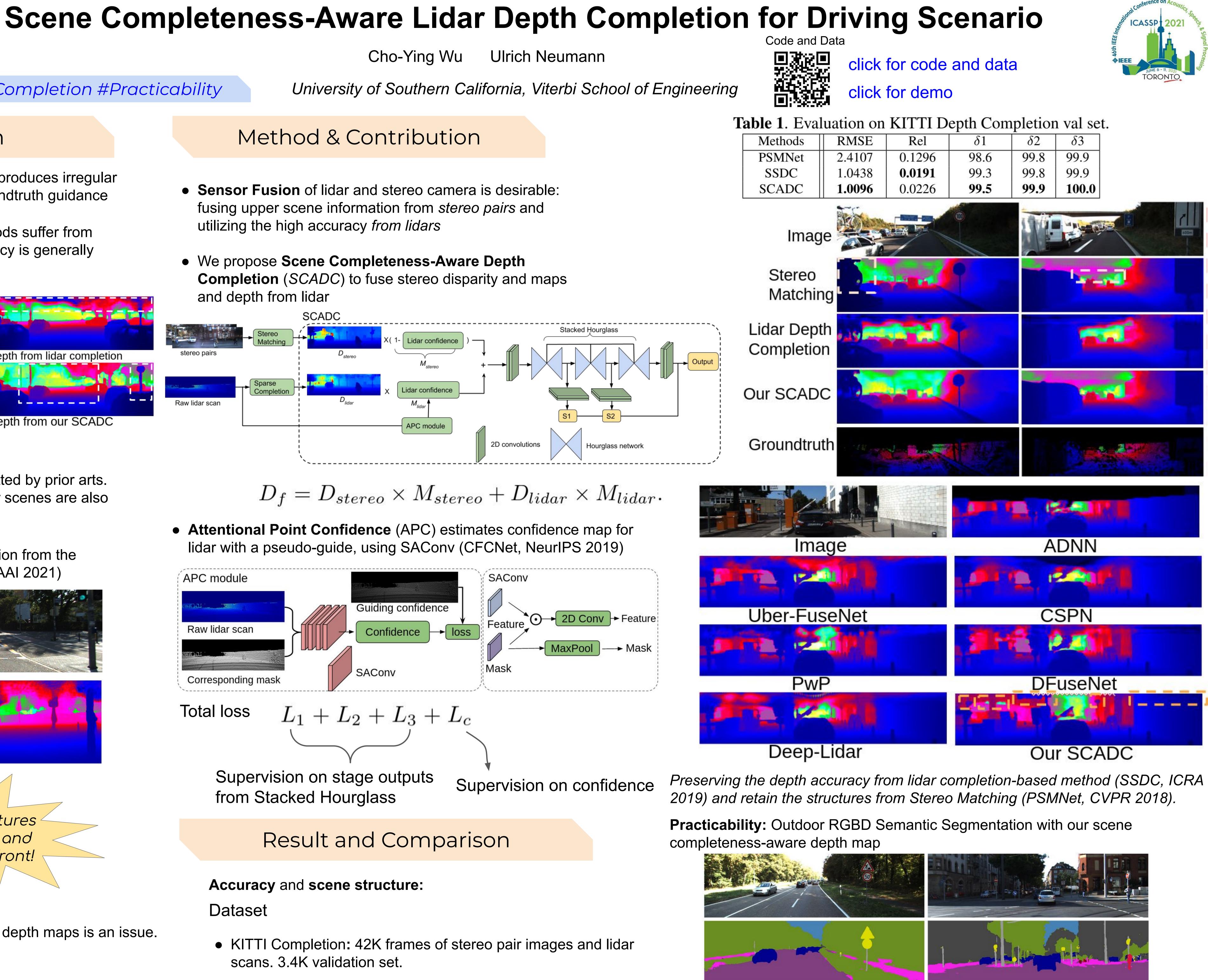
In real-world scenario, upper scenes are also important.

For example, depth completion from the SOTA method (FCFRNet, AAAI 2021)



**Practicability** of completed depth maps is an issue.

- utilizing the high accuracy from lidars
- and depth from lidar





1	$\delta 1$	δ2	δ3
96	98.6	99.8	99.9
91	99.3	99.8	99.9
26	99.5	99.9	100.0