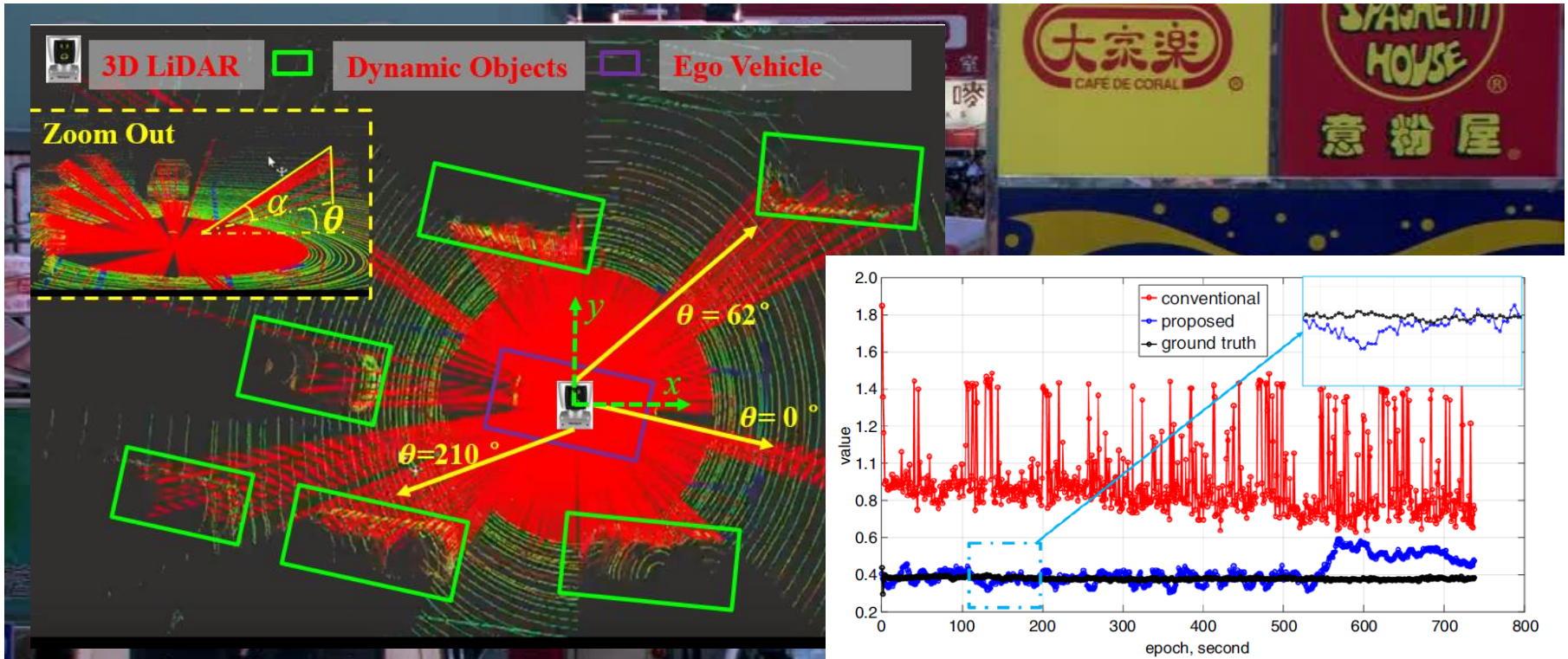


# LiDAR Error Covariance Estimation



Results	Hessian matrix-based method	Proposed method
Mean error	0.51 m	0.10 m
Std	0.45 m	0.12 m

Wen, W., Bai, X., Zhan, W., Tomizuka, M., Hsu, L.T.\* (2019) [Uncertainty Estimation of LiDAR Matching Aided by Dynamic Vehicle Detection and High Definition Map](#), IET Electronics Letters 55(6):348-349.