

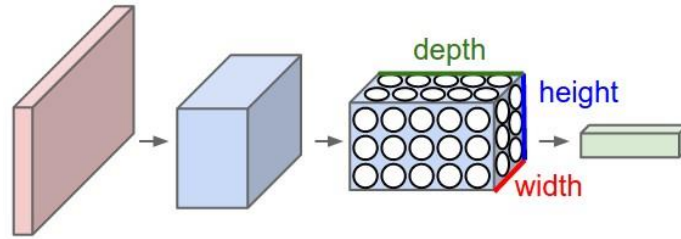
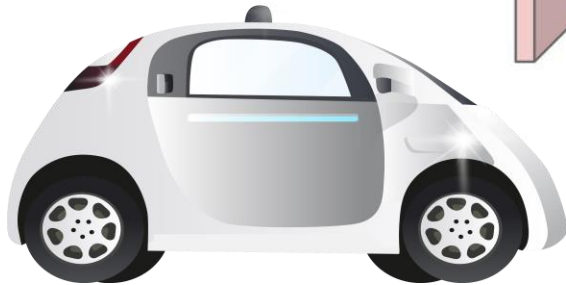
# Dr. Qing Yang (Associate Professor)

Department of Computer Science and Engineering

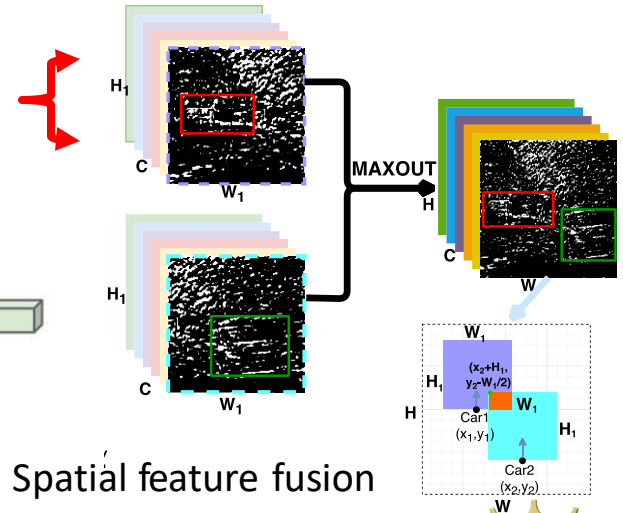
Cooperative perception, vehicular edge computing, deep learning on vehicles, trustworthy vehicular system, and privacy protection on connected and autonomous vehicles



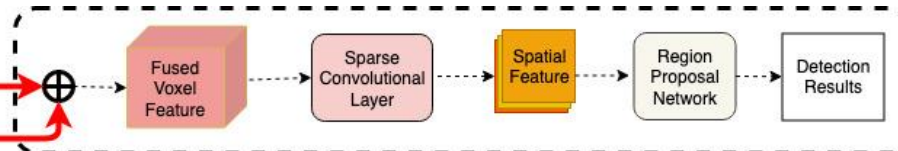
LiDAR or HD Camera



Convolutional Neural Network (CNN)



Spatial feature fusion

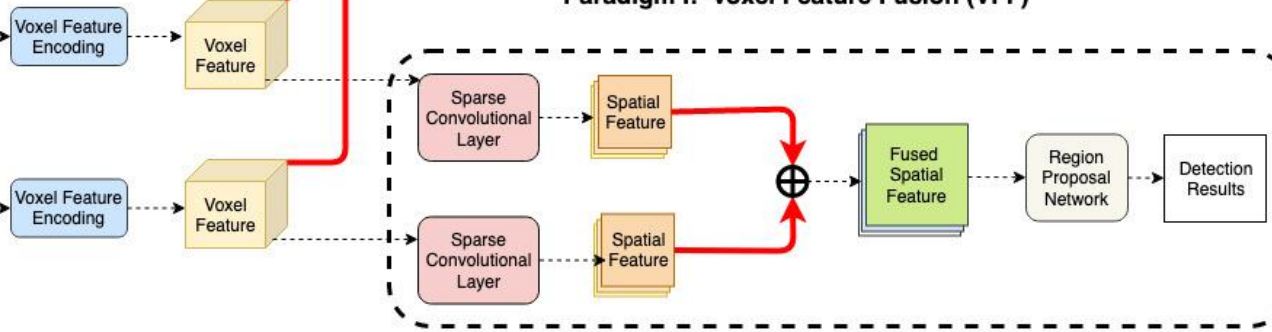


Paradigm I: Voxel Feature Fusion (VFF)



LIDAR data from UAV 1

LIDAR data from UAV 2



Paradigm II: Spatial Feature Fusion (SFF)



Sponsors