

# Why Sensor Fusing for Driving Assistance

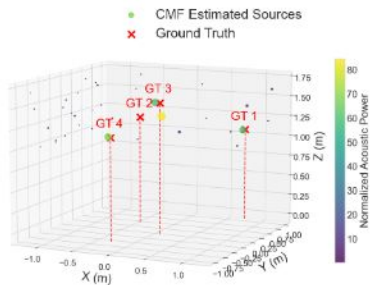


- Cameras → rich semantic info, but sensitive to weather/lighting.
- Radars → robust, depth & velocity, but poor semantics.
- Challenge → Fusion of heterogeneous sensors.

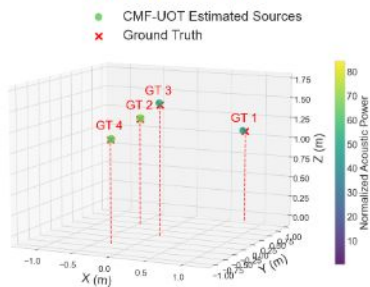
**“We propose a unified fusion framework based on Optimal Transport.”**

# From Proof of Concept to Radar-Camera Fusion

## Acoustics - Camera POC:

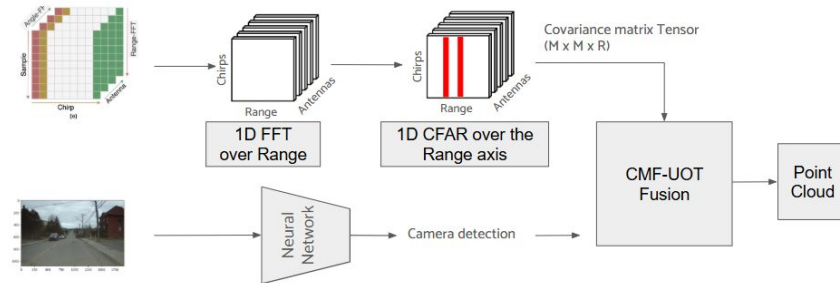


(a) Full point cloud with CMF.



(b) Full point cloud with CMF-UOT.

Validated with  
microphones &  
speakers



Now extending to real automotive  
radars

“Come see our poster to see how Optimal Transport enables robust multimodal fusion!”