Detection of Road Users in Fused Sensor Data Streams for Collision Mitigation

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Experimental Car and Sensor Configuration

- Visual Camera
- LIDAR
- FIR Imaging Device
- LR RADAR
- SR RADAR
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LIDAR

Visual Camera

FIR Imaging Device

LR RADAR

SR RADAR
Early Fusion Concept

- Keywords
  - Early Sensor Fusion
  - Cyclic Architecture
  - Advanced Object Models
  - Multi-Sensor Classifier
  - Bipartite Graph Matching
• Thank you very much for your attention
• Poster Session