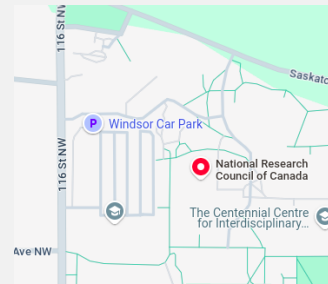# UNIVERSITY OF ALBERTA | node LAB

Paving the way for the intelligent transportation revolution

Who we are

The Networked Optimization, Diagnosis, and Estimation (NODE) Lab's research programs aim to **advance safe decision-making** and **motion planning** for cyber-physical systems and shared human-autonomy controls, with a focus on intelligent systems in unstructured and dynamic environments.
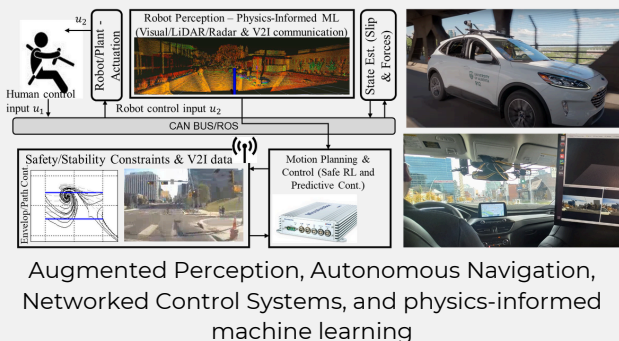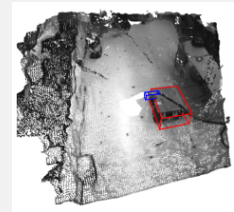
Where to find us

11421 Saskatchewan Dr NW 5th floor, Edmonton, AB T6G 2M9

Research Programs & Deliverables

Fundamental Research

Augmented Perception, Autonomous Navigation, Networked Control Systems, and physics-informed machine learning

Knowledge Development and Technology Transfer

Industries: robotics, intelligent transportation, assistive technologies, and autonomous systems

Sponsors & Funding Agencies

gm · ROGERS · LEDCOR GROUP · ALBERTA INNOVATES · NSERC CRSNG · Mitacs

Know more about our research by scanning the QR code