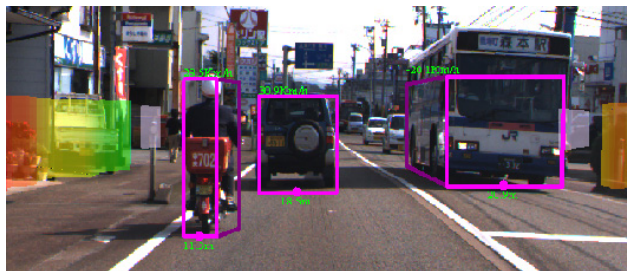


# Research Committee for Intelligent Vehicle

Development of highly-functional, dependable and human-friendly intelligent vehicle systems

## 1. Goal

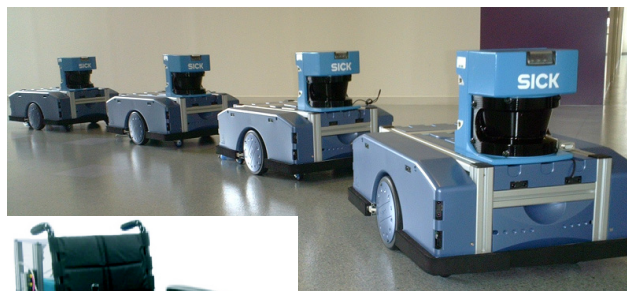
- Contribution toward realization of intelligent vehicle through discussions and information exchanges among researchers and engineers in various fields.
- Deepening and making intelligence of not only single vehicle but also multi-vehicle system.



Stereovision-based environmental perception

## 2. Problem

- Robust sensing and control for intelligent vehicles.
- Environmental perception by LIDAR and Vision.
- Multi-sensor fusion and dependable sensing.
- Multi-vehicle cooperation by vehicle-to-vehicle and vehicle-to-infrastructure communication.



Multi-vehicle system

## 3. Strategy

- Information exchange about intelligent vehicle through lectures, seminars and organized sessions.
- Visit to universities and companies to observe and discuss state-of-the-art technologies of intelligent vehicle systems.



Smart wheelchair

## 4. Activity Plan

- Organized session, “Sensing, Control and Safety System for Intelligent Vehicle” on ICCAS-SICE 2009
- Technical visit to university and company



Fully automated unmanned vehicles

Organizers (2009)

Director: Naoki Suganuma (Kanazawa University)  
Vice-director: Masatoshi Hatano (Nihon University)  
Secretary: Masafumi Hashimoto (Doshisha University)