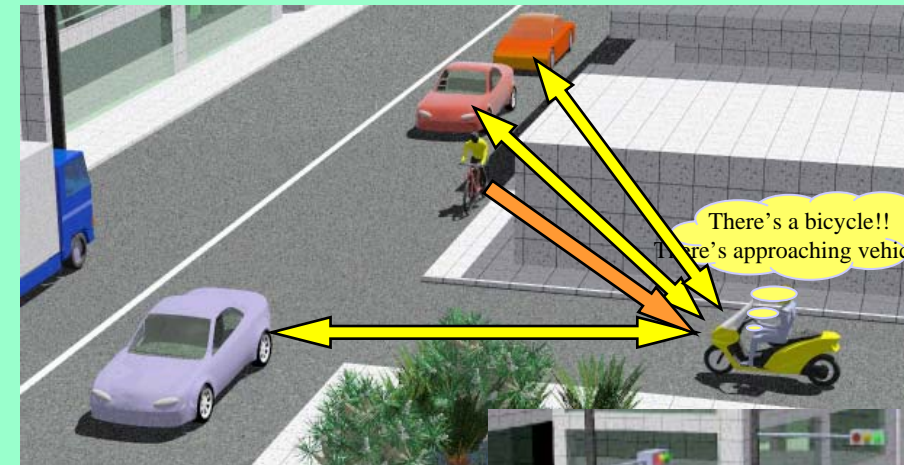# Current ASV & other Activities

Yoshimi Furukawa
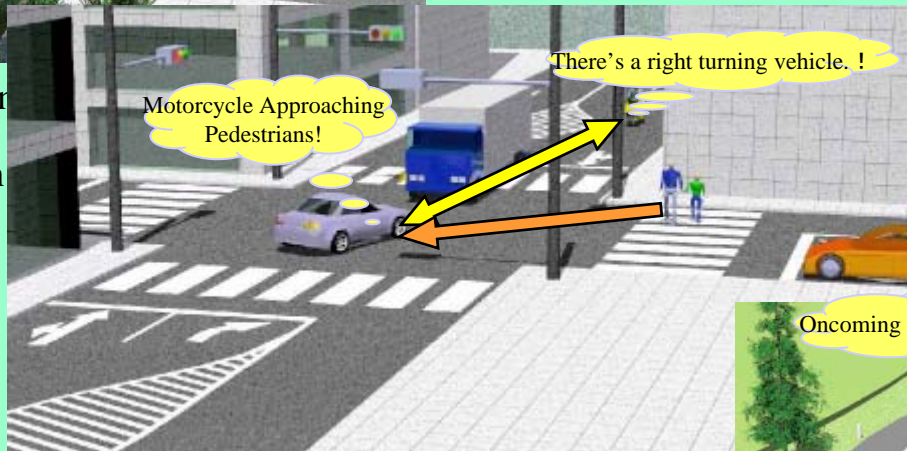
Shibaura Institute of Technology

Inter-Traffic Drive Assist System
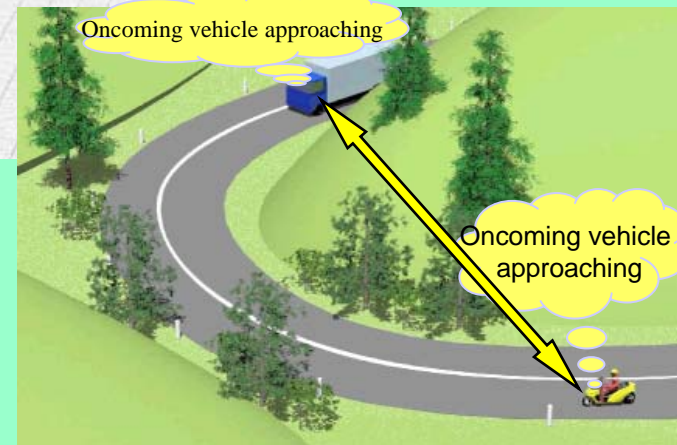
Safety drive assist system by communication between automobiles, motorcycles, bicycles and pedestrians.

2001 -2005 Discussing in ASV 3
2005   Verification Tests

System Applications independent to Reduction of Accidents

For popularization of onboard wireless equipment, it is important that the system specification should include the system applications functioning in usual driving conditions.

● **System applications for assist of usual driving**
- communicating message
- communicating driver's intention
- communicating driver's steering and braking operation
- communicating the bus stopping and going
- communicating the information of patrol car, ambulance and fire engine

objected

● **System applications for support or improvement of other in-vehicle system**
- free designed area for automotive manufacturers

objected

● **System applications for exchange large capacity of contents**
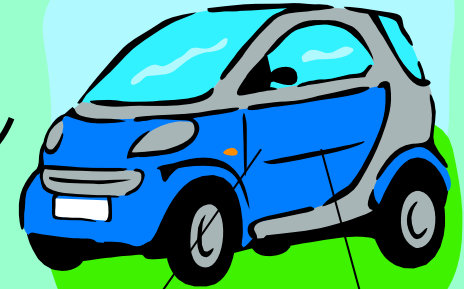- receiving information of specific requirements as example of local area information

not objected

Inter-driver Communication System
2004 Discussing in H631 project in IATSS

Current

You are the first!!

Violent driver!!

?

In usual driving, information to be communicated is districted.

Inter Driver Communication System

You are the first.

Thank you

Exchanging drivers' intention by Inter Vehicle Communication.

Merit
- **vehicles smooth merging in intersection**
- **smooth lane change**
- **smooth cutting in**
- **giving way**
- **showing gratitude**
- **alerting possible hazardous situation**
- **group generation**
- **sharing information**
- **constructing community in vehicles' traffic**
-**3yamauchi.ppt**