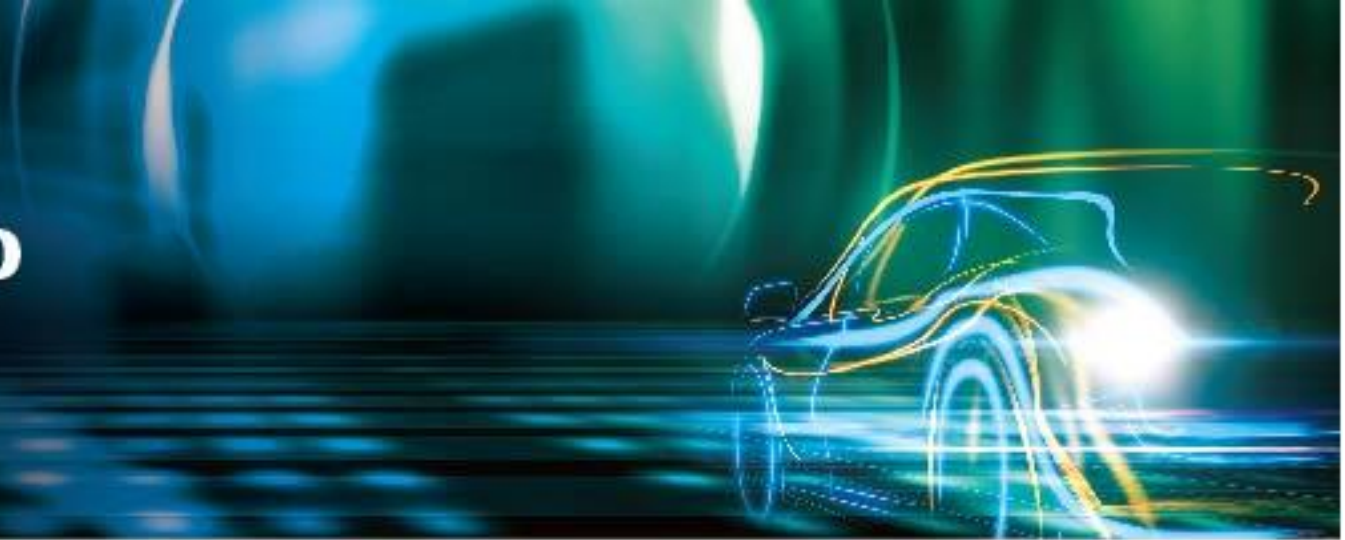


SIP-adus Workshop 2020



SIP-adus Workshop2020 Service & Business Implementation

Service & Business Implementation WG Co-chair(~ October 2020)

International Collaboration Team for SBI

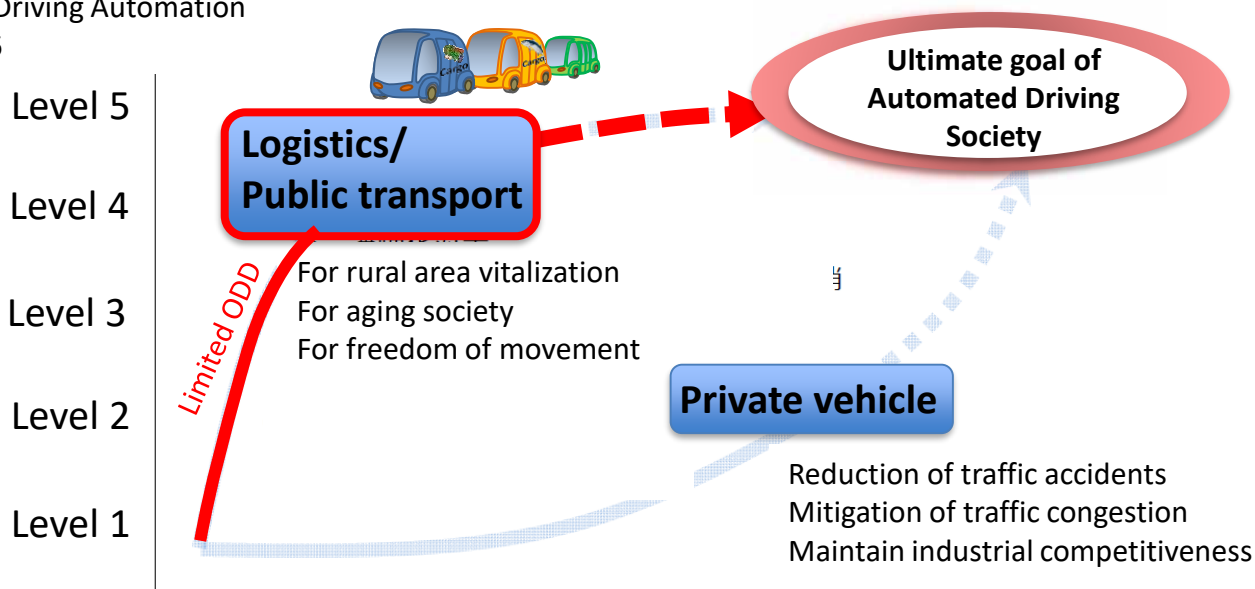
Masayuki Kawamoto



Scope of Service & Business Implementation session

Next Generation Transport session in 1st phase SIP-adus has reformed to Service & Business Implementation. Now we are more focusing on business implementation of AD systems

Levels of Driving Automation
SAE J3016



Limited ← ODD(Operational Design Domain) → **Unlimited**

Topics of Service & Business Implementation session

Service requirements and Social acceptance on automated drive implementation

Symbiosis between Human and Automated Mobility

Social Acceptance development

Social Acceptance



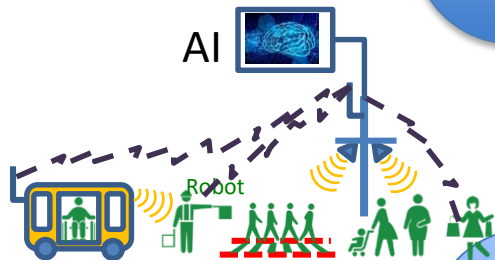
Advanced Driver Assistance Systems for who has visual field constriction

For all people



Easiness of use in AD bus for handicappers

Service & Business Implementation on Automated Driving



Smart City & Infrastructures

Highly harmonized city & infrastructures with automated vehicles

Regional revitalization

Future business implementation study for automated public transport in rural area



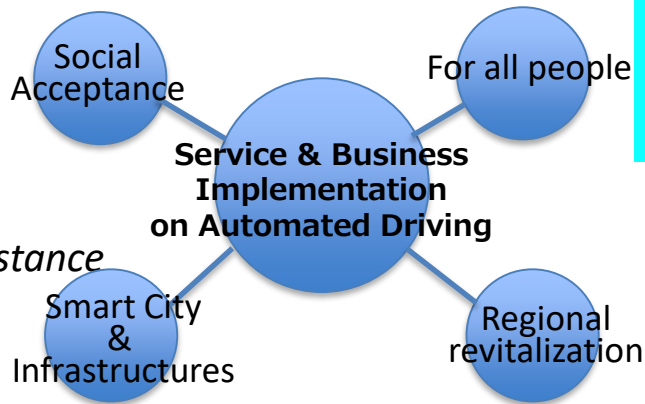
Presentation in SBI session

Automated shuttle service acceptance and business case effects



Prof. Adriano Alessandrini
University of Florence(Italy)

Research on ADAS for people with visual field defects



Dr. Masayo Takahashi
RIKEN(Japan)

Risk and Acceptance study of Social distance between Pedestrian and Mobility



Prof. Makoto Itoh
University of Tsukuba (Japan)

Singapore's Autonomous Vehicles Program – An Update
Mr. Lam Wee Shann,
LTA (Singapore)



Future Presentation

Automated Driving for Public transport

(Challenge) Less passenger assistance

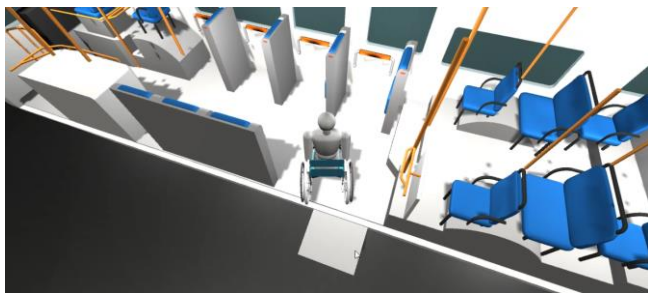
(Merit) Lower lateral/longitudinal vibration with advanced vehicle control

Study easiness of use in AD bus for the person who has vision, hearing, physical disability

Seat layout and line of passenger's movement, and how to fasten wheel-chair

⇒ Through discussion and interview with handicappers, bus industry and bus operators,

Create the guideline for future AD bus and services.



Utilizing the latest virtual reality technology and building the real mock up,
Conduct discussion with experience and sensation.