

2nd International Workshop on Comfort Intelligence with AR for Autonomous Vehicle

Call for Participation

Many researchers and companies have developed technologies of autonomous vehicle. Most technologies are focused on safety control and efficient pass planning of auto driving. To accept autonomous vehicle socially, a comfort of passenger who is driver being free from driving is one of important issues. Passengers of autonomous vehicle feel discomfort when the vehicle behaves unexpectedly or takes unexpected path. In addition, the problem of motion sickness will be increased in autonomous vehicle because the passenger will not be able to understand the behavior of the vehicle. In near future, since a windscreen of autonomous vehicle will become an AR display, it is expected that the problems of a VR sickness will be increased too.

In this workshop, we focus on technologies to improve passenger comfort using AR in such a new environment. Topics of interest include, but are not limited to:

- Sensing method for passengers
- Fundamental AR technology in autonomous vehicle
- Discomfort factor analysis of passenger
- Visual and haptics display in autonomous vehicle
- Vehicle mounted display method and device