

CSGI

KAMIJO LAB.

[Support Movement and Behavior utilizing Information Devices]

Center for Socio-Global Informatics

<http://kmj.iis.u-tokyo.ac.jp>

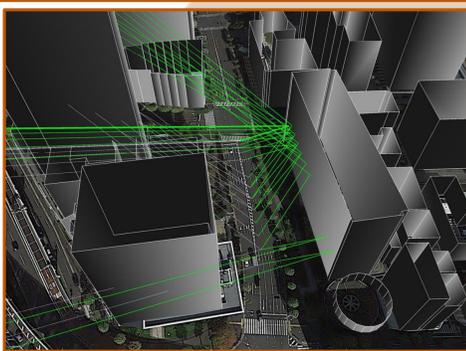
Applied Multimedia Information Processing

Science and Technology, Information and Communication Engineering / Initiative in Information Studies Graduate School of Interdisciplinary Information Studies

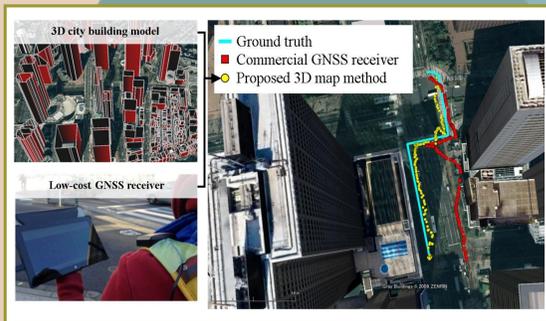
Support Movement and Behavior utilizing Information Devices

3D Map

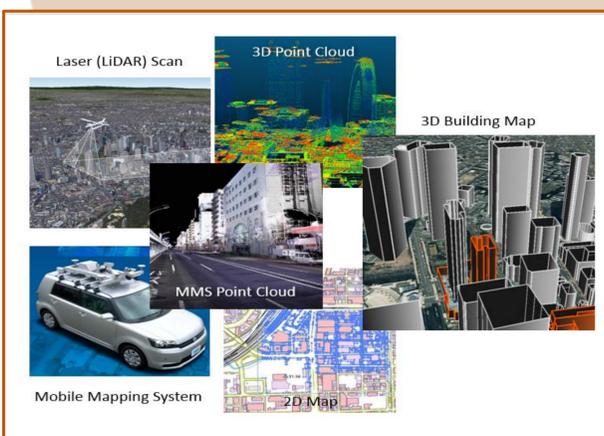
3D Map Correction using GPS Measurement



3D City Building Model Based Positioning Method using Multi-GNSS in Deep Urban Canyons



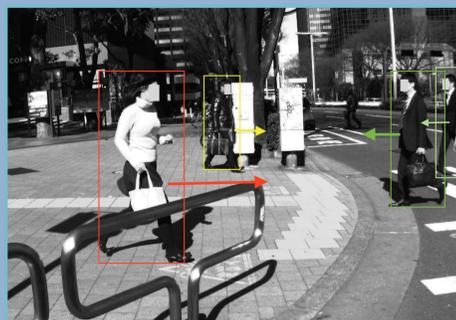
3D Building Map Construction using Point Cloud Data & 2D Map



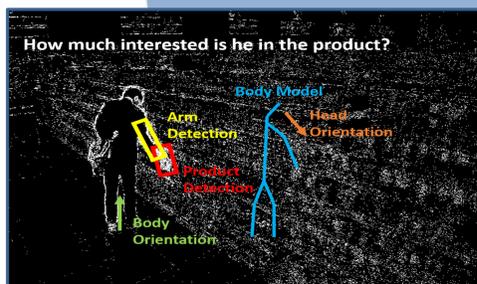
For Autonomous Driving

3D Mapping and Self Localization

Pedestrian Behavior Understanding in Traffic Scenes ※



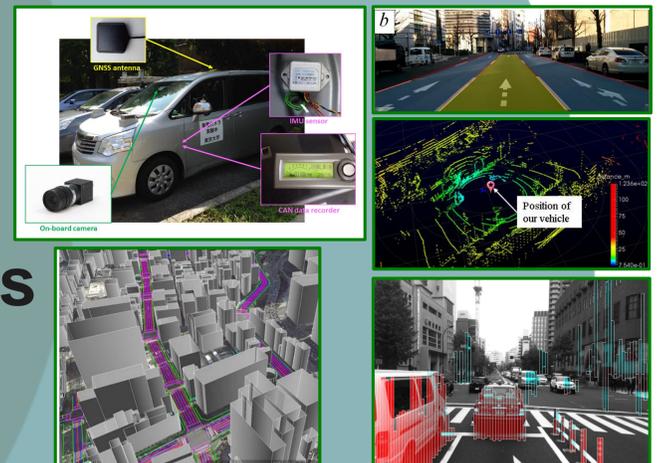
Customer Behavior Recognition in Retail Surveillance Video ※



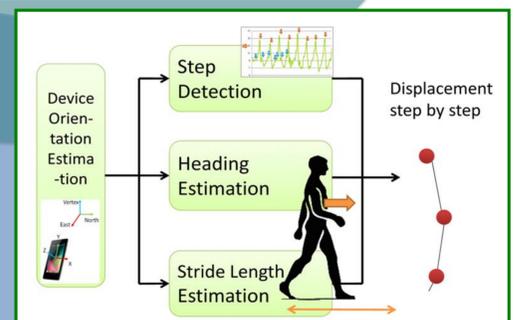
Self Localization

GNSS Positioning Result Improvement using Height Based Conventional Method

Sensor Integration for Vehicle Self-Localization in Urban Environment



Location Estimation and Pedestrian Dead Reckoning using Mobile Devices



Pedestrian Pose Estimation from on-Board Camera

Scene Understanding

※These researches are permitted by the compliance committee of the university.