

Sugano LAB.

[Computer Vision, HCI]

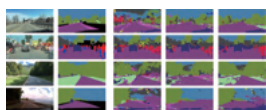
Center for Socio-Global Informatics

Interactive Visual Intelligence

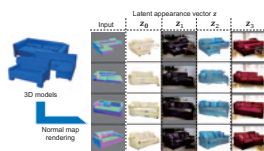
Department of Information and Communication Engineering,
Graduate School of Information Science and Technology<http://ivi.iis.u-tokyo.ac.jp/>

We conduct research activities spanning from machine learning to human-computer interaction with computer vision as the core and are engaged in research on intelligent systems from a holistic perspective that includes algorithms and user interaction.

Computer Vision for Scene Recognition

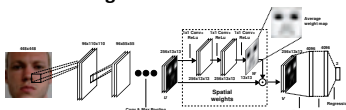


Road Scene Semantic Segmentation

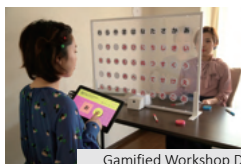
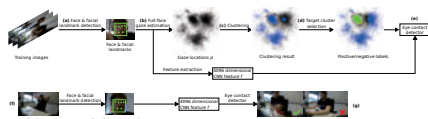


Shape-constrained Image Generation

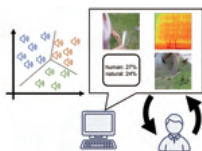
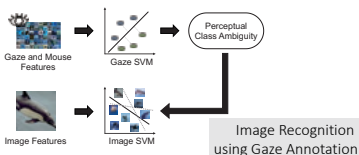
Gaze Estimation and User Understanding



Deep Learning-based Gaze Estimation

Gamified Workshop Design for
Gaze Data CollectionEye Contact Detection with
Unsupervised Target Discovery

Interactive Machine Learning Systems

Data Visualization for
Interactive
Sound RecognitionImage Recognition
using Gaze Annotation