Sugano LAB.

[Computer Vision, HCI]

Center for Socio-Global Informatics

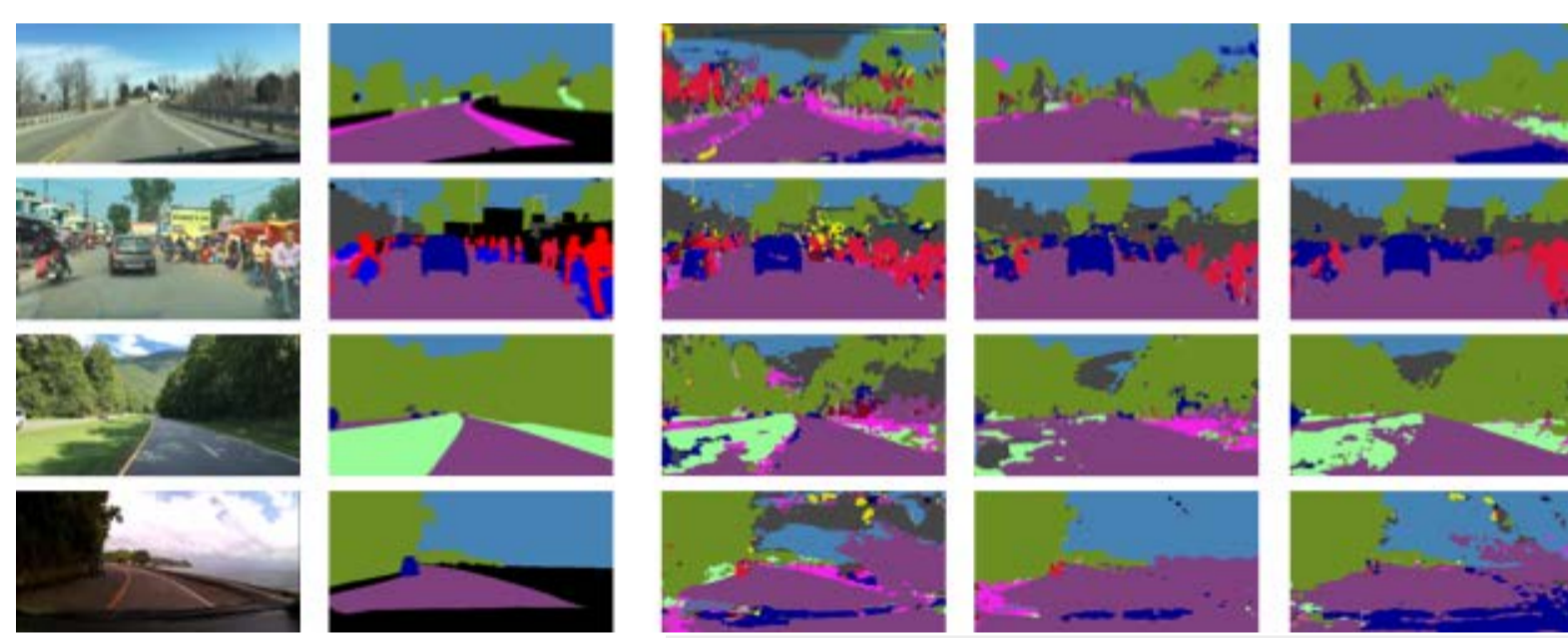#### Interactive Visual Intelligence

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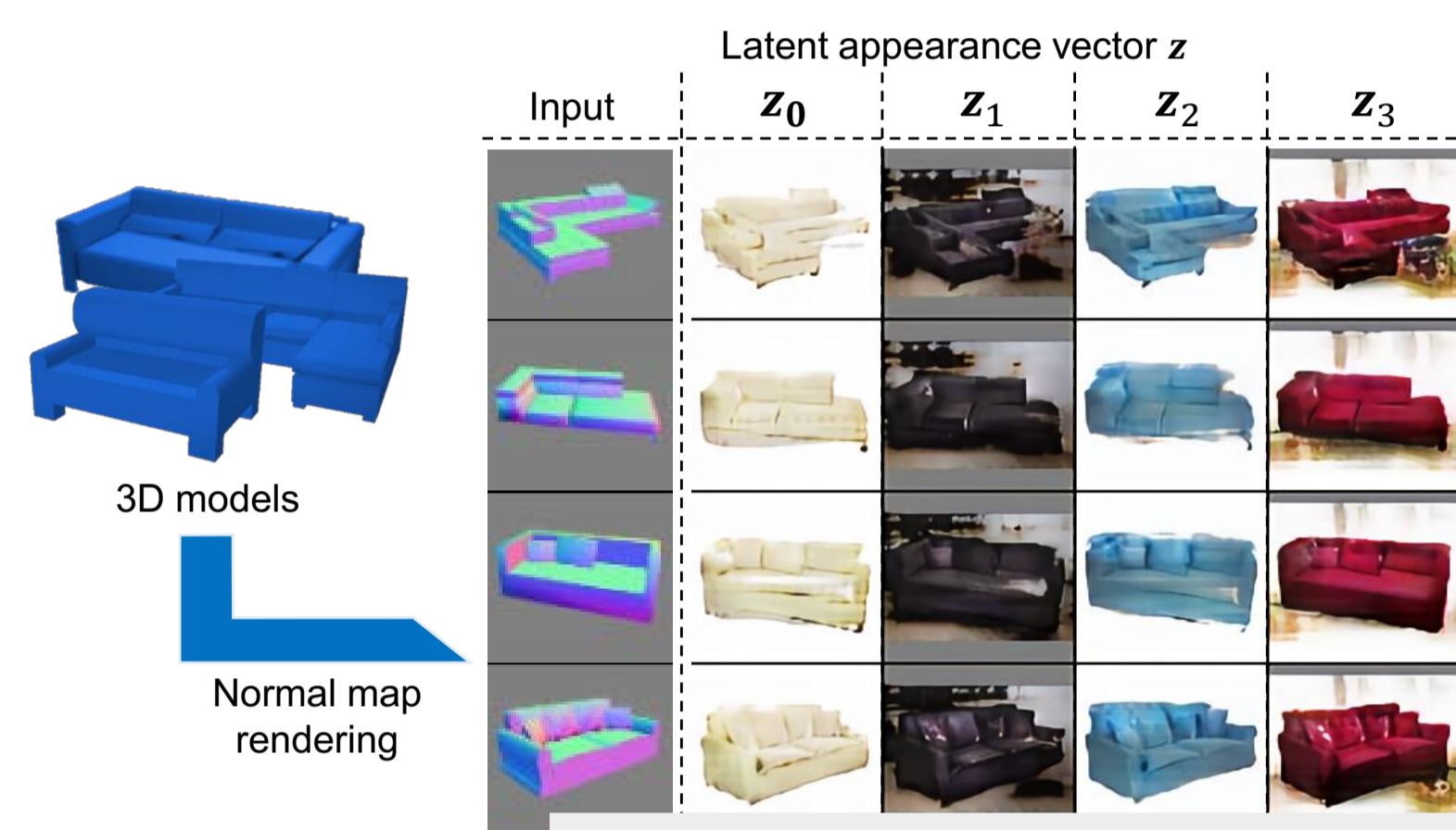
http://ivi.iis.u-tokyo.ac.jp/

Our group is focusing on multidisciplinary researches at the intersection of computer vision, machine learning, and human-computer interaction, and conducting a wide spectrum of researches from basic methodologies to application systems.
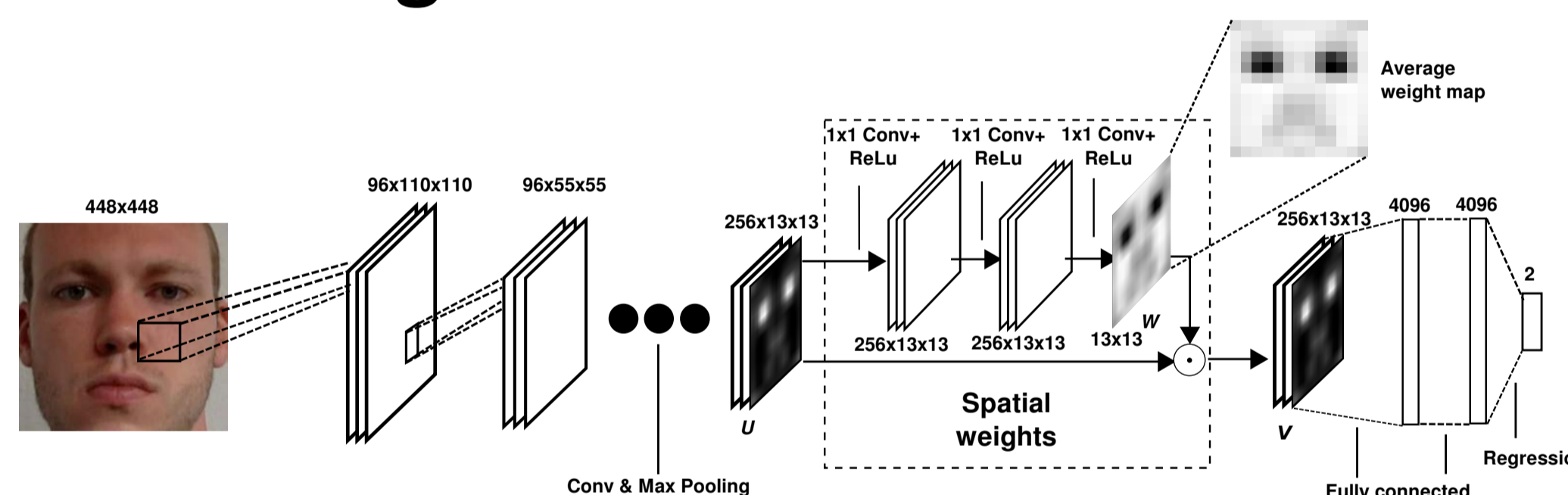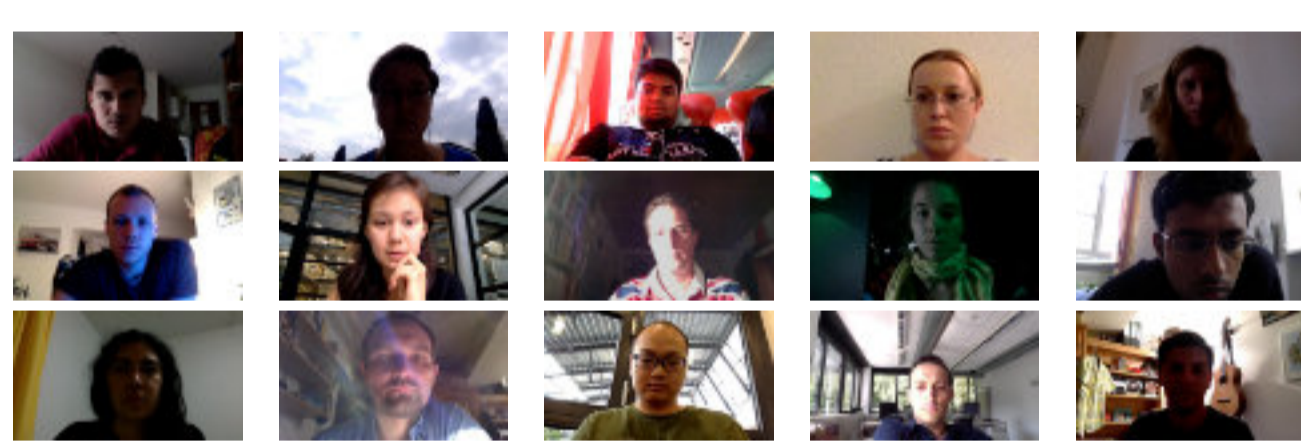
Computer Vision for Scene Recognition
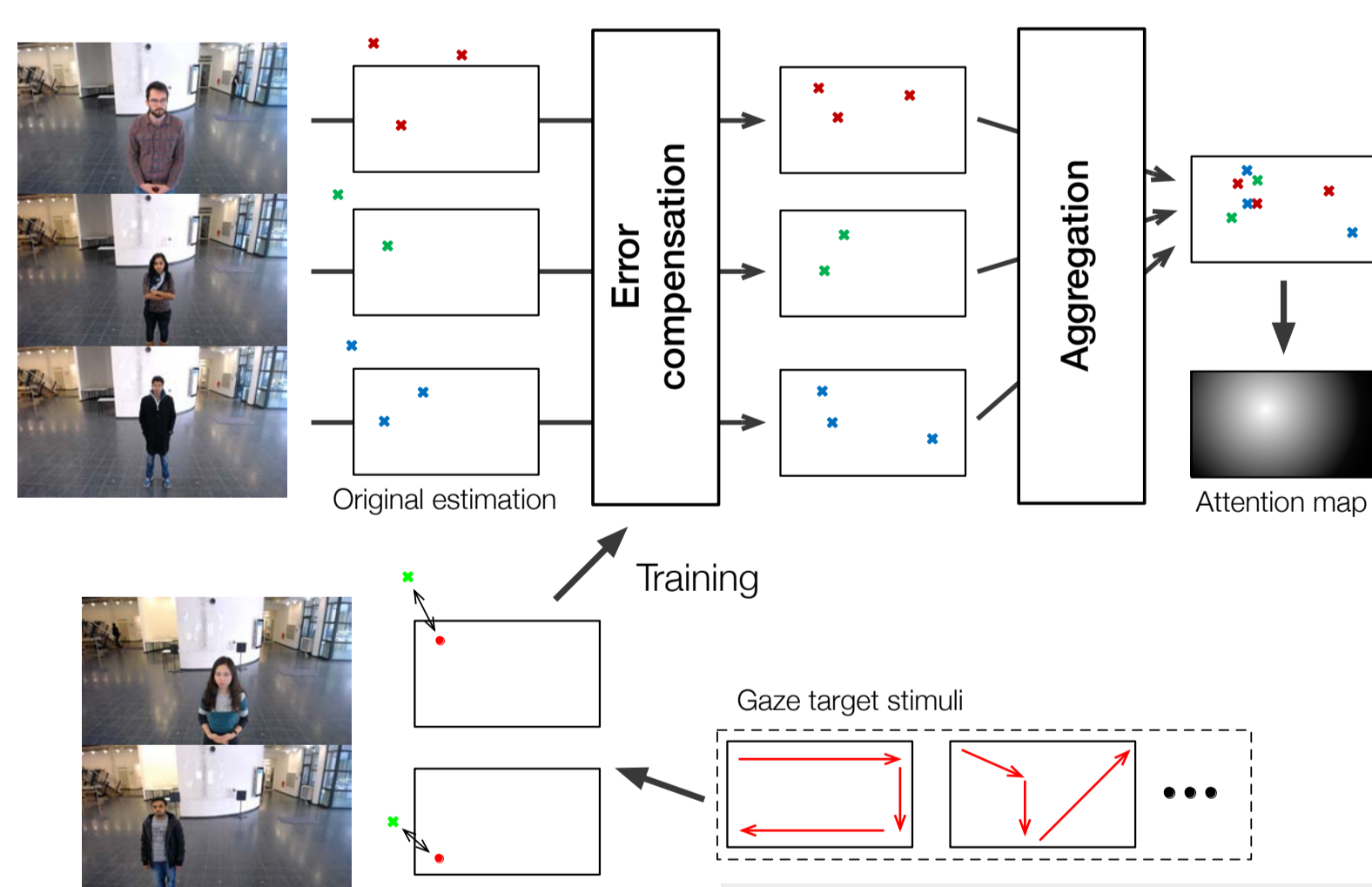

Road Scene Semantic Segmentation
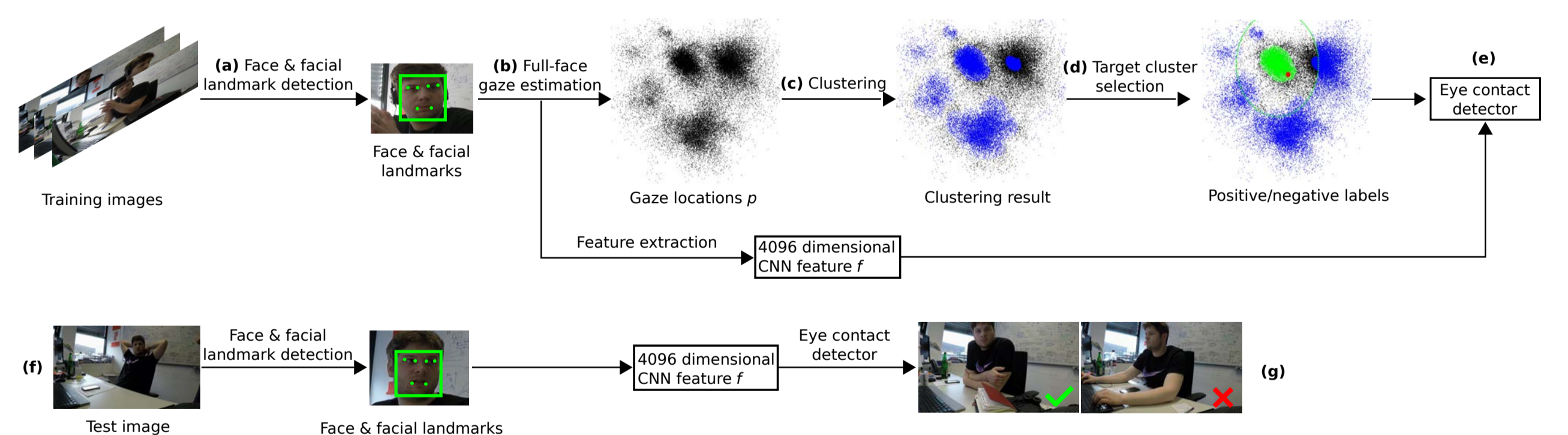

Shape-constrained Image Generation

Gaze Estimation and User Understanding
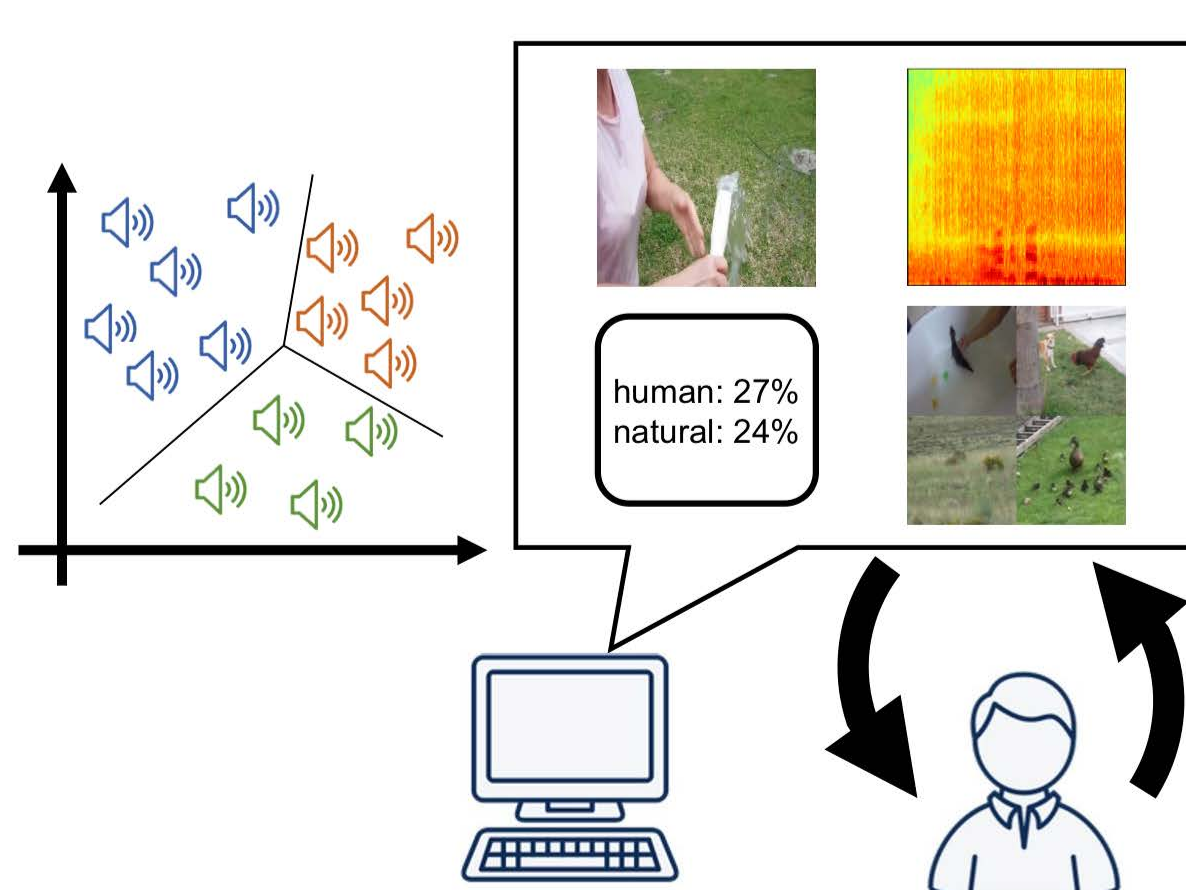

Deep Learning-based Gaze Estimation

Collective Gaze Estimation
on Public Displays

Eye Contact Detection with
Unsupervised Target Discovery

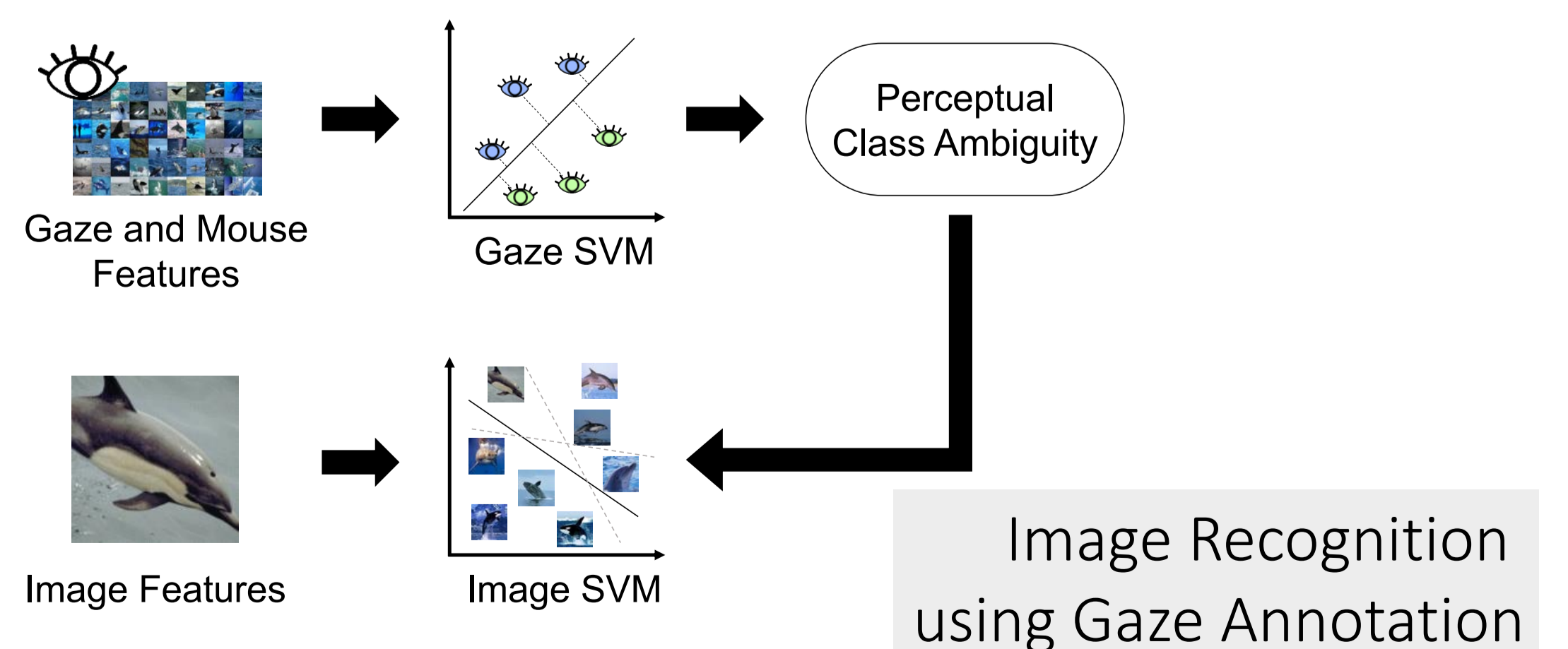## Applications for Interactive Systems

Data Visualization for
Interactive
Sound Recognition

Image Recognition
using Gaze Annotation

Institute of Industrial Science, The University of Tokyo