Human-centric Digital Twins Services Utilizing AI, Big Data and IoT

Digital Olfactory Contents Using Odor Reproduction Techniques

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Summary:

Human-centric digital olfactory twins service is to realize the important next generation information society. We aim to create scented cyber space based on odor reproduction technique using a small number of odor components.

In this project, odor components to cover wide range of odor is explored, followed by the development of olfactory display to present scents by blending the odor components instantaneously. Then, we focus on the following contents.

- Scented contents for advertisement/online shopping
- Disaster and cooking simulators with odors
- · Scented games for medical care and rehabilitation Medical care · Rehabilitation
- Content to reproduce scents at remote site.

Advertisement · Online shopping





Simulator





Odor reproduction at remote site

Digital Olfactory Contents