

**ITU Workshop on
“TV and content delivery on Integrated Broadband Cable Networks”
(<https://itu.int/en/ITU-T/Workshops-and-Seminars/201705>)**

Tomoyuki Shimizu

Future Cable Services: Communication and Recognition

ABSTRACT

This presentation provides an overview of recent cable service environment, such as cable set-top box platform, and its applications. Since the architecture of set-top boxes are getting closer to smartphones and tablets, cable set-top boxes are now capable of providing a variety of rich services (as applications or web services) such as 4K video broadcasting, content recommendation, IoT integration, etc.. Eventually, many home devices such as set-top boxes, smartphones, tablets, PCs, and IoT devices can communicate with each other via a cable network, which would help cable services to recognise each user’s preference and behaviour. The presentation will also provide some prospects of new user-friendly intelligent cable services.