A Multiuser Communication Environment with High Sense of Presence in the Next Generation Home Network

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Biography

Dai Hanawa was born in 1976 in Japan.
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Abstract

This paper proposes a highly effective communication environment for the next generation home network (NGHN). The proposed environment can be formed using commercially available peripheral devices. Users can perform real-time interaction with a high sense of presence via the network based on the use of man-size displays. In order to realize this environment, several system requirements are studied. Finally, we show the necessity of high speed infrastructures such as the Fiber To The Home (FTTH) from the viewpoints of presence and real-time interactivity.