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 Hosoya, Ikuo Harada, Katsuya Oda (Keio Univ.)

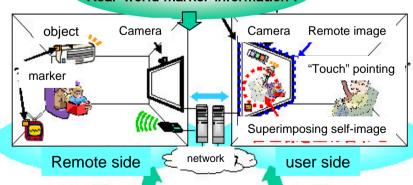[Subjects of Research and Development on JGN2 R&D Project]
・ R&D of GMPLS network operation and management technology.
・ R&D of adaptive service control utilizing advanced HCI
 technology

■ R&D of GMPLS Network Operation and Management Technologies
(1) Research on GMPLS functionality extension of the JGN2 core router as for multilayer
 operation and IPv6/MPLS network connection function.
(2) Research on customer control in NMS.
(3) Verification of E-NNI interoperability.
(4) Research on the cooperation with APs as of GRID, 4K digital cinema, etc. and its
 verification by demonstration.
■R&D of Adaptive Service Control Utilizing Advanced HCI Technology
(1) Performance verification of the system which connects more than 2 locations on the
 JGN2 network.
(2) Usability Evaluation of instruction communication by gestures and technology
 development of pointing device by gestures.
(3) Investigation on applications of the technology to distance counseling, etc.

HCI (Human Communication Interface)

Remote-control over NW using video and
Real-world marker information .

Remote-control by superimposing
Into remote image

Interaction with objects
through body motion