

Michitaka Hirose is a professor of computer science and multimedia at the Research Center for Advanced Science and Technology (RCAST) at the University of Tokyo. He received BE, ME and PhD degrees from the University of Tokyo in 1977, 1979 and 1982 respectively. His research interests include human interface, wearable computers, ubiquitous computing and virtual reality. Recently, he supervised "VR Theater of Mayan Ruins" and "Ubiquitous Gaming" at the National Science Museum as a project leader of SVR project sponsored by Ministry of General Affairs and Telecommunication.

Our Lab focuses on building what we call "cybernetic interfaces," high-level user interfaces that unite humans and computers. Starting with virtual reality (VR) technology, we seek to research and develop such interfaces with a variety of different approaches. Specifically, we are designing multimodal interfaces, mixed reality (MR) research, wearable computers, and content for ubiquitous computing research. Furthermore, as a part of our mixed reality research, we are working on real-world oriented virtual reality interfaces, such as a distributed wide-screen display system that enriches the openness and spacious nature of real world environments, and a material-based display that facilitates tangible interaction in real-world environments.