

**October 13, 10:00- 11:00 Featured Presentation**

## **Robotics and Health: Avatar technology for supporting our future society**

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The speaker has been involved in research on tele-operated robots, that is, avatars, since around 2000. Research on Geminoid modeled on oneself is not only scientific research that understands the feeling of presence of human beings, but also practical research that allows one to move one's existence to a remote place and work in a remote place. In this lecture, the speaker will introduce a series of research and development of tele-operated robots, avatars, such as Geminoid and discuss in what kind of society humans and robots will coexist in the future. By using avatars, anyone, including the elderly and people with disabilities, will be able to freely participate in various activities with abilities beyond ordinary people while expanding their physical, cognitive, and perceptual abilities using a large number of avatars. Anyone will be able to work and study anytime, anywhere, minimize commuting to work, and have plenty of free time in the future society.