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Supporting collaboration between academia and industry for quantum innovation

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Biography

Akihisa Tomita earned his Bachelor's and Master's degrees in Physics, and his Ph.D. in Electronics from the University of Tokyo in 1982, 1984, and 1998, respectively. From 1984 to 2000, he conducted research on photonics, and from 1998 to 2010, he was involved in the development of quantum information technology at NEC Corporation. From 2000 to 2010, he led the group for quantum information experiments in the Quantum Computation and Information Project, ERATO and SORST, JST. In 2010, he became a professor at the Faculty of Information Science and Technology at Hokkaido University. He co-founded the Quantum ICT Forum and has been serving as Representative Director since 2019. His current research focuses on photonics for quantum information processing and quantum communication.

Abstract

The Quantum ICT Forum aims to develop sustainable quantum technologies that will advance both industry and society. Combining academic research with practical industry experience will accelerate progress toward globally competitive quantum technologies. The collaboration seeks to achieve this goal by fostering a partnership between academia and industry.