



## **Masashi Usami**

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Masashi Usami is Administrative Officer, Executive Director of Technology Planning of KDDI Corporation. He received the B.S., M.S. and Ph.D. degrees in electronic and communication engineering from Waseda University, Tokyo, Japan, in 1981, 1983, and 1992, respectively.

He joined KDD (presently KDDI) R&D Laboratories in 1985 and had studied in the area of optical communication devices such as semiconductor lasers and detectors for long haul fiber-optic communication systems. In 2000, he and his colleagues developed the world's first 980nm pumped Er-doped fiber amplifier (EDFA) commercial repeaters deployed in major transoceanic cable systems represented by the Pacific Crossing-1 (PC-1), Japan-U.S. Cable System, and by the Transatlantic telecommunications cable system (TAT-14).

Since 2007, he has been responsible for R&D strategy and technology planning for KDDI. His main responsibilities are to assess the Emerging Technologies, such as NFV/SDN, 5G, IoT, Big-data Analysis/AI, and Connected Vehicle etc.

He is IEEE Fellow, IEICE Fellow and he was awarded the Prize for Science and Technology by the Minister of Education, Science and Technology, Japan in 2012.