



Shigeru Sasaki

Corporate Senior Vice President and
Member of the Board, **Fujitsu Laboratories Ltd.**

Concurrent:

President, R&D Strategy and Planning Office and
President, Business Incubation Planning Office, **Fujitsu Laboratories Ltd.**
Chairman, **Fujitsu R&D Center Co., Ltd. in China**)

Shigeru Sasaki assumed his current position as Corporate Senior Vice President of Fujitsu Laboratories Ltd. in April 2010, and since 2008 has been a Member of the Board. Concurrently, he has been Chairman of the Fujitsu R&D Center Co., Ltd. in China since 2008. Prior to that, starting in 1981 he has held various leadership positions in his extensive career at Fujitsu Laboratories, including General Manager of the R&D Strategy and Planning Office, General Manager of the Broadband Research Center, and Director of the Media Processing Lab of the Multimedia Systems Lab.

He is a research pioneer in the fields of image recognition and biometric authentication – in particular, for Fujitsu’s globally renown PalmSecure™, the world’s first palm vein biometric identity authentication, as well as 3D computer graphics hardware and software. Shigeru Sasaki has been a technical leader at Fujitsu in the development of these technologies into practical and new business solutions, with his most prominent achievement thus far being the world’s first palm vein biometric authentication systems globally launched in 2005 and in Japan in 2004, and contributions toward the commercialization of this revolutionary biometric technology. His other milestone technical achievements include the development of the world’s first real-time video-rate color image processing system in 1985 as a new video content automatic recognition processing platform, and in 1991 in the area of video display technology he developed a new architecture platform that led to the release of SUBARU, a 3D computer graphics system that featured the world’s highest performance at the time. He has contributed significantly to advanced platform technologies for major social infrastructure projects globally and in Japan, such as Japan’s construction of a highway image recognition system to monitor traffic conditions in 1993, and the world’s first airport traffic monitoring system utilizing image processing technology in 1996. In automotive applications, in 1987 he developed a revolutionary automotive automated drive system employing real-time image processing technology - as part of his work in Japan’s nationally funded project Autonomous Vehicle: PVS (Personal Vehicle System) he was the leader in the realization of a new automated drive system using real-time image processing technology, which resulted in accolades from the global automotive industry.



Mr. Sasaki continues to contribute to society through his work, most importantly in fostering ties between industrial collaborators in Japan and globally in the audio visual technology industry. He is a Fellow of the International Association for Pattern Recognition (IAPR) and Chair of IAPR TC-8/Machine Vision Applications, as well as a Director of the Institute of Electronics Information and Communication Engineers (IEICE) of Japan, and a member of the Information Processing Society of Japan (IPSJ).

Mr. Sasaki received his Master's degree in Computer Science from Iwate University in Japan in 1981, and joined Fujitsu Laboratories Ltd. the same year. In 1988, he was a Visiting Researcher in the Computer Science Department of Carnegie Mellon University in the U.S.