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Affiliation and Title

Corporate Chief Engineer, Hitachi, Ltd.
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Academic Degrees

1995.4 Ph.D., The University of Tokyo
1980.3 B. Eng., Mathematical Engineering and
Information Physics, The University of Tokyo



Professional Career

2012.4-present Corporate Chief Engineer, Hitachi, Ltd.
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2011.4-2012.3 Corporate Chief Engineer, Hitachi, Ltd.
2008.10-2011.3 General Manager, Advanced Research Laboratory, Hitachi, Ltd.
2005.10-2008.9 General Manager, R & D Strategy Center
and CIO (Chief Innovation Officer), R&D Group, Hitachi, Ltd.
1990.9-1992.8 Visiting Scientist, Robotics Laboratory, Dept of Computer Science,
Stanford University, CA, USA
1980.4-2005.9 Systems Development Laboratory, R&D Group, Hitachi, Ltd.

Publication

1. H. Takeda, C. Facchinetti, and J.-C. Latombe, "Planning the motions of a mobile robot in a sensory uncertainty field," *IEEE trans. PAMI (IEEE Trans. on Pattern Analysis and Machine Intelligence)*, **16** (10), 1002-1017, 1994.
2. H. Takeda, M. Yamasaki, T. Moriya, T. Minakawa, F. Beniyama, and T. Koike, "A video-based virtual reality system," *ACM VRST '99 (ACM Symposium on Virtual Reality Software and Technology)*, 19-25, London, UK, 1999.
3. H. Takeda, S. Kiyohara, K. Chihara, H. Kawase, Y. Matsuda, and M. Yamasaki, "Multi screen environment with a motion base," *Springer Lecture Notes in Artificial Intelligence*, 1834, Springer-Verlag, Germany, 2000.
4. H. Takeda, K. Utsugi, T. Moriya, K. Chihara, and N. Yokoya, "Nara in the 8th century by video-based virtual reality," *Frontiers in Artificial Intelligence and Applications*, 69, 1621-1625, IOS Press, Amsterdam, Netherlands, 2001.
5. K. Utsugi, T. Moriya, N. Nonaka, and H. Takeda, "LOD of video avatar for walkthrough applications," Sketches and Applications, *ACM SIGGRAPH 2003*, SanDiego, CA, USA.