In Memoriam: Professor Susumu Horiguchi
(1952-2009)

With great sadness we have to realize that Prof. Susumu Horiguchi unexpectedly passed away on June 08, 2009 in Sendai, Japan by acute myocardial infarction just after his lecture on the way to his office. As one of the committee member of this DFT Symposium he became well known to all of you.

Born on July 10, 1952 in Kouga city, 40 Km east to Kyoto, Prof. Susumu Horiguchi studied information science in Tohoku University, and received his B.E., M.E., and Ph.D. degree in 1976, 1978, and 1981, respectively. After graduating with distinction, he joined as an assistant professor in the same university. Later he became associate professor in 1989. He was a visiting scientist at the IBM T.J. Watson Research center from 1986 to1987. In 1992, he became a professor in the School of Information Science of Japan Advanced Institute of Science and Technology (JAIST). In 2004, he moved to his beloved Tohoku University as the Chair professor in the Dept. of Computer Science of GSIS and the Chair professor in the Dept. of Information Engineering of Faculty of Engineering. He was also a visiting professor in Louisiana State University, USA, Texas A&M University, USA, and Dalian Maritime University, China, and an international advisory professor in Vietnam National University, Hanoi, Vietnam.

As a gifted researcher, he had comprehensive knowledge in different areas of computer and information science. He had published more than 150 Transaction/Journal papers & 230 conference/ symposium papers, 5 textbooks, and 18 conference proceedings. He was the pioneer in high-speed parallel sorting algorithm called noisy-sort and some novel interconnection networks with defect-tolerant architecture for massively parallel computers. He had also significant contribution in router-architecture, routing, security and survivability of optical networks, optical switching, and coding & multicasting of wireless network. He did also focus on the application of parallel and distributed computing systems for intelligent information processing, such as virtual reality, artificial intelligence, and data mining.
In academic service, Prof. Susumu Horiguchi involved in organizing numerous international conferences, symposia, and workshops supported by IEEE, IEICE, IASTED, and IPSJ. For example, he was steering committee member for a long time in DFTS, program chair of DFT00, and general co-chair of DFT01. He received many academic awards, outstanding service awards, and famous medals from different societies and organizations. He had always been a highly appreciated academic lecturer, who could inspire students as well as scientists by his enthusiasm speech which draws the great concentration from the audience. He supervised about 200 graduate students including 40 foreign students from different countries. He will be missed by his students, colleagues, and friends. The legacy of his outstanding scientific achievements will be remembered for century to century.

Last but not the least; Prof. Susumu Horiguchi was not only an outstanding scientist but also an adored husband and beloved father. He lived a very happy life with his wife Etsuko and daughter Miki. May God bless his departed soul.