

## Tsutomu Kanai Award

The Tsutomu Kanai Award was established in 1997 by a generous endowment from Hitachi Ltd., and named in honor of Dr. Tsutomu Kanai who served as Hitachi's president for 30 years.

The Kanai Award recognized major contributions to the state-of-the art distributed computing systems and their applications.

The award consisted of a crystal model, certificate, and \$10,000 honorarium. The Kanai Award was discontinued after the 2012 award.

### Past recipients for Tsutomu Kanai Award

Year	Recipient	Citation
2012	Beng Chin Ooi	For pioneering research in distributed database management and peer-to-peer based enterprise quality management.
2011	Ian T. Foster	For pioneering research in grid computing, integrating geographically distributed instruments, computers, and data.
2009	Kenneth P. Birman	For fundamental and practical contributions to distributed computing, fault tolerance, reliability and distributed systems management.
2008	Benjamin W. Wah	For outstanding contributions to the theory and applications of distributed multimedia and nonlinear optimization algorithms.
2007	Willy Zwaenepoel	For contributions to cluster-based distributed computing for scientific and Web applications.
2006	Larry Smarr	For pioneering research in the design and architecture of distributed national infrastructures for high-performance computing.
2005	Elisa Bertino	For pioneering and innovative research contributions to secure distributed systems.
2004	Kane Kim	For fundamental and pioneering contributions to the scientific foundation of both real-time object-structuring based distributed computing and real-time fault-tolerant distributed computing.
2003	James Gosling	For major contributions to advances in the technology for construction of distributed computing systems through invention of the Java Language system.
2002	Stephen S. Yau	For outstanding contributions to distributed computing software engineering and promotion of the community of distributed computing software researchers.

Year	Recipient	Citation
2001	Alfred Z. Spector	For technical leadership in the design and implementation of reliable, scalable architectures for supporting distributed files and distributed applications, and for pioneering in their commercialization.
2000	C. V. Ramamoorthy	For pioneering fundamental contributions to extracting parallelism and to the design of distributed system.
1999	Kenneth L. Thompson	For creating the UNIX Operating System, which for more than 20 years has been a key platform for distributed systems work.

## About Tsutomu Kanai

A native of Kyoto, Tsutomu Kanai received both his B.S. and Ph.D. in Mechanical Engineering from Tokyo University. He joined Hitachi in 1958 as a researcher developing nuclear reactors. During his career, he progressed through increasingly important management positions in Hitachi's Power Group. In June 1991, he was elected president of Hitachi Ltd., the position he held when he retired in March 1999.



Dr. Kanai's versatile career as a scientist, engineer, designer and manager led him to advocate distributed computing and the new generation of computers.

Gyslaine Pollock and Tsutomu Kanai  
ISADS Presentation, March 1999, Tokyo

