



# *T*echnical Field Awards Presentation

***IEEE Reynold B. Johnson  
Information Storage  
Systems Award***

**Moshe Yanai**



26th IEEE (MSST2010) Symposium on Massive Storage  
Systems and Technologies

6:00 p.m. to 8:00 p.m.  
Award presentation to follow dinner  
Incline Village  
Lake Tahoe, Nevada USA  
5 May 2010

 **IEEE**  
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# Recognition of Professional Achievement

For nearly a century, the IEEE Awards program has paid tribute to technical professionals whose exceptional achievements and outstanding contributions have made a lasting impact on technology, society and the engineering profession.

That tradition of public recognition continues today. In the 21st century, IEEE Awards are valued as among the highest honors a technical professional can receive. They are an esteemed symbol of the admiration of one's peers—the most prized form of prestige—bestowed upon individuals whose accomplishments have enhanced the global economy while improving the quality of daily life.

## Legacy of Innovation

IEEE Awards recognize and encourage important contributions to technology, science and the profession. They honor achievements in education, industry, research and service, and they encompass the breadth of the many IEEE technical interest areas from computer science, electrical engineering, information technologies and microelectronics, to optoelectronics, radar technologies, signal processing and beyond. Each award has its own unique mission and criteria, and offers the opportunity to honor distinguished colleagues, inspiring teachers and corporate leaders.

Through the Awards program, the IEEE, and the societies that preceded it, also have played an important role in encouraging innovation. Individuals honored with IEEE Awards join a remarkable group of such well-known pioneers as Bell, Edison, Marconi, Noyce and Grove—among many others. These individuals, in turn, provide inspiration and personal role models for aspiring professionals.

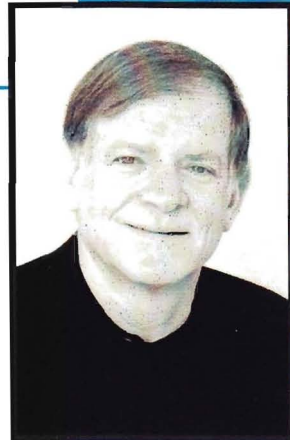
## IEEE Awards Selection Process

Nominations for IEEE awards and recognitions are initiated by the members and others, then reviewed by a panel of peers—professionals who are especially knowledgeable in a particular field. Their recommendations are, in turn, submitted to the IEEE Awards Board for further review prior to final approval by the IEEE Board of Directors. The awards fall into seven categories:

- Medals
- Honorary Memberships
- Service Awards
- Corporate Recognitions
- Technical Field Awards
- Prize Paper Awards
- Scholarship Awards

# MOSHE YANAI

***“For sustained innovation and legendary leadership in development of clustered global cache storage architectures and business continuity solutions that have defined the enterprise storage industry.”***



**2010**

During the past 35 years, Moshe Yanai has developed innovative data storage solutions to overcome the gap between growing amounts of data and the mechanical limitations of disk drives. Considered by many to be the most influential leader in the data storage industry, Mr. Yanai’s architectures changed how companies store and use data. He developed and cultivated the Symmetrix storage array while at EMC Corp., Hopkinton, Mass., in the late 1980s. Symmetrix allows multiple servers to connect to the same storage device using a small computer system interface (SCSI), and it enabled the large relational databases common to the business world today.

In 2003, Mr. Yanai founded XIV, Ltd. and developed the first truly scalable grid storage system, providing a lower-cost, highly reliable and easy to manage storage solution. The system quickly became popular with major banks, Internet service providers and telecommunication companies. IBM Corp. acquired XIV and the grid system in December 2007.

An IEEE Member, Mr. Yanai is currently an IBM Fellow at IBM Corp., Waltham, Mass.

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# 2010 IEEE Reynold B. Johnson Information Storage Systems Award



The IEEE Reynold B. Johnson Information Storage Systems Award was established by the Board of Directors in 1991 and may be presented annually for outstanding contributions to information storage systems, with emphasis on computer storage systems.

It is named in honor of Reynold B. Johnson, who is renowned as a pioneer of magnetic disk technology and was founding manager of the IBM San Jose Research and Engineering Laboratory, San Jose, California in 1952, where IBM research and development in the field was centered.

Sponsored by IEEE Reynold B. Johnson Information Storage Systems Award Fund, the award consists of a bronze medal, certificate and cash prize.

For additional information on IEEE Technical Field Awards and Medals, to view complete lists of past recipients or to nominate a colleague or associate for IEEE Technical Field Awards and Medals, please visit <http://www.ieee.org/awards>.

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- 2009 – Marshall Kirk McKusick
- 2008 – Alan J. Smith
- 2007 – Dave Hitz  
James Lau
- 2006 - Jaishankar M. Menon
- 2005 - François B. Dolivo
- 2004 - Bruce A. Gurney  
Virgil S. Speriosu
- 2003 - H. Neal Bertram
- 2002 - Christopher H. Bajorek



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