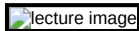




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IT Eminent Lecture Series

Managing Information on the Net: the Digital Object Architecture**Dr. Robert E. Kahn**

CEO and President of CNRI

Biological Science Annex Auditorium

August 26, 2005 - 02:00 pm

Abstract:

Dr. Kahn will discuss an architectural approach to managing information on the net. In particular, he will focus on applications where the information may need to be persist over very long periods of time and where it may be moved many times from site to site and platform to platform over its lifetime. A critical aspect of the architecture is identification of the information, known as Digital Objects. The architecture of the Handle System will be presented and its role a general purpose resolution engine will be discussed. An open architecture approach to federated repositories will also be discussed along with applications of the technology.

Speaker's Bio:

Robert E. Kahn is Chairman, CEO and President of the Corporation for National Research Initiatives (CNRI), which he founded in 1986 after a thirteen year term at the U.S. Defense Advanced Research Projects Agency (DARPA). CNRI was created as a not-for-profit organization to provide leadership and funding for research and development of the National Information Infrastructure. After receiving a B.E.E. from the City College of New York in 1960, Dr. Kahn earned M.A. and Ph.D. degrees from Princeton University in 1962 and 1964 respectively. He worked on the Technical Staff at Bell Laboratories and then became an Assistant Professor of Electrical Engineering at MIT. He took a leave of absence from MIT to join Bolt Beranek and Newman, where he was responsible for the system design of the Arpanet, the first packet-switched network. In 1972 he moved to DARPA and subsequently became Director of DARPA's Information Processing Techniques Office (IPTO). While Director of IPTO he initiated the United States government's billion dollar Strategic Computing Program, the largest computer research and development program ever undertaken by the federal government. Dr. Kahn conceived the idea of open-architecture networking. He is a co-inventor of the TCP/IP protocols and was responsible for originating DARPA's Internet Program. CNRI provides the Secretariat for the Internet Engineering Task Force (IETF). Dr. Kahn also coined the term National Information

This lecture has a reception.

