

## Dr. Abramson's Speech in IWIN2009

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Amount of information is significantly increasing and various types of information are existed. IWIN is the International Workshop on Informatics. The workshop brings together researchers and practitioners to share and exchange their experiences, discuss challenges and present original ideas in all aspects of informatics. The workshop topics includes various ranges of informatics such as computer supported cooperative work, groupware, distributed computing, Information systems, mobile



Figure 1: Hawaii Tokai International College.

computing and computer networks. IWIN is the annual conference from 2007 and previous IWIN conferences successfully held. IWIN2009 was held at Hawaii Tokai International College (HTIC) in Honolulu, USA as shown in Figure 1. IWIN2009 arranged Dr. Norman Abramson's speech. Dr. Abramson is developer of ALOHA system and his technical contribution has significant impact on today's computer networks. IWIN2009 committees successfully invited him to share the original history of ALOHA system development with conference attendees.

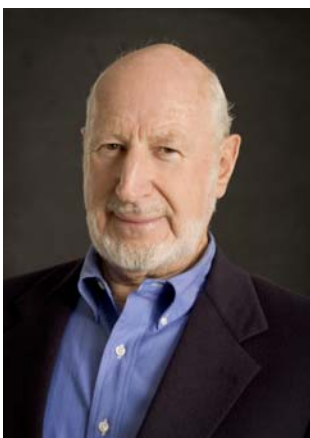


Figure 2: Norman Abramson.

The photograph of Dr. Abramson is presented as Figure 2. Dr. Abramson is director of the ALOHA System at the University of Hawaii. He developed and operated the ALOHAnet, which has been called the



Figure 3: Dr. Abramson in invited speech.

first modern data network. The ALOHA System utilized UHF to provide a terrestrial data network (ALOHAnet) within the state of Hawaii in 1971. In 1973 the ALOHA System used VHF and an experimental NASA satellite (ATS-1) to establish an international satellite data network (PacNet) connecting NASA in California and five universities in the USA, Japan and Australia. Also in 1973, the ALOHA System pioneered the unconventional use of a conventional Comsat channel to link these two early networks to ARPANet in the continental US.

The biography of Dr. Abramson is as follows. He was Assistant Professor and Associate Professor of Electrical Engineering, Stanford University, 1958-1965. He was Visiting Professor, Berkeley, Harvard and MIT (1965, 1966, 1980). He was Professor of Electrical Engineering,



Figure 4: Dr. Abramson and conference attendees.

Professor of Information and Computer Science, First Chairman, Department of Information and Computer Science, University of Hawaii (1966-1995). He is Professor Emeritus, University of Hawaii (2005 - ).

Dr. Abramson's speech was slotted as 60 minutes presentation in IWIN2009. He gave us a talk on "History of the Alohanet – ALOHA to the Web". The snapshots of his invited speech are presented as Figure 3 and 4. I'm pleased to note that his interesting and informative presentation slides are included in this issue of IJIS.

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**Jun Munemori** received the B.E. and M.E. degrees in electrical engineering from Nagoya Institute of Technology, Nagoya, Japan, the D.E. degree in electrical and electrical communication engineering from Tohoku University, Sendai, Japan, in 1979, 1981, and 1984, respectively. He worked in Mitsubishi Electric Corp., Kagoshima University, and Osaka University. He is currently a professor of Department of Design and Information Sciences at Wakayama University. His interests are groupware, human interface, and neurophysiology. He received IPSJ SIG Research Award, IPSJ Best Paper Award, IEEE CE Japan Chapter Young Paper Award, and KES2005 Best paper award, in 1997, 1998 2002, and 2005, respectively. He is a member of ACM, IEEE, IPSJ and IEICE.