

C&C 30th Anniversary Symposium

“On the 30th Anniversary of the C&C Declaration”

In 1977, Dr. Koji Kobayashi, then-chairman of the board of NEC Corporation, declared the new concept of “C&C,” which stands for the fusion of technologies for computers and communications. Thirty years on, NEC and the NEC C&C Foundation jointly held a symposium on December 6, 2007, to commemorate the C&C declaration. The symposium’s theme was “On the 30th Anniversary of the C&C Declaration.” It was introduced in an opening speech by Mr. Hajime Sasaki, president of the NEC C&C Foundation and chairman of NEC Corporation. This was followed by a keynote speech titled by “Ubiquitous Computing as a Platform for Innovation” by Professor Ken Sakamura of the Graduate School of Interdisciplinary Information Studies at the University of Tokyo. A panel discussion seeking the future direction of C&C was then held with the participation of guests. They included Professor Hiroshi Esaki of the Graduate School of Information Science and Technology at the University of Tokyo, Professor Ikuyo Kaneko of the Graduate School of Media and Governance at Keio University, and Dr. Hiroyuki Watanabe, Senior Technical Executive of Toyota Motor Corporation.

**Summary of the Opening Speech by Mr. Sasaki
“On the 30th Anniversary of the C&C Declaration”**

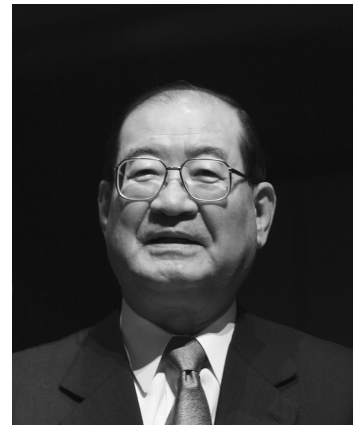
During his keynote speech at the “INTELCOM ‘77” international communications tradeshow in Atlanta, Georgia, on October 10, 1977, Koji Kobayashi, then-chairman of NEC Corporation, put forward the concept of “the convergence of computer and communications technologies.” He stated that “early in the 21st Century, it will be possible to talk and see between any persons, at any time, at any place on the earth, and that this will require an integration of technologies for communications, computers, and television.” Communications technologies and formats subsequently became digital, taking on the same characteristics as computers. And computers came to incorporate online connections and distributed processing via communications lines. C&C, which was defined as consisting of technologies that would remove existing restrictions on human information transmission capabilities and reduce the limits on those capabilities, foresaw the arrival of a ubiquitously networked society.

The meaning of C&C was eventually expanded from the integration of technologies to encompass new business fields. And the NEC corporate philosophy that was announced in 1990 included the determination to “contribute to humankind through C&C.” Therefore, the NEC C&C Foundation was established to contribute to the development of the global electronics industry and the improvement of people’s lives by providing encouragement and assistance for research and development in C&C. The foundation also publicly recognizes individuals and organizations that demonstrate outstanding achievements in this field.

NEC has made many innovations using the results of advancements in C&C technologies over the past 30 years, including both space and earth observation systems, mission-critical systems that support “i-mode systems,” and automatic interpretation systems for mobile phones.

As expressed by the term “symbiotic computing,” the direction of C&C for the next 30 years will be “to create a human-centered society in which the environment, energy, and technologies are organically connected.” In other words, C&C will create new lifestyles based on the coexistence of humans and ICT (information and communications technology). And NEC will contribute to making this dream a reality.

* This report is the NEC Technical Journal Editorial Office’s compilation of parts of the opening speech by Mr. Hajime Sasaki, president of the NEC C&C Foundation and chairman of NEC Corporation. The speech was given at the C&C 30th Anniversary Symposium held on December 6, 2007.



Hajime Sasaki

President, NEC C&C Foundation
Chairman of the Board,
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Then-Chairman Koji Kobayashi making the
C&C declaration at INTELCOM ‘77