

Technical Seminar on
**Future of Information and Telecommunications
Technologies**

In the afternoon of October 23, the day for the 125th Anniversary Ceremony in Tokyo, Waseda University hosted a technical seminar focusing on the future of IT. The seminar was supported by IEEE Tokyo Section, IEEE Region 10, and Global Information and Telecommunication Institute, Waseda University, and was held at an engineering campus of Waseda University in Tokyo.

Information and telecommunications industries need a bright future. Currently they are put into fierce price competition and their earning is not very healthy. Although IT is an essential component in running companies and in daily life, IT is not a very popular subject among college students in Japan. It is due to the image of long working hour and low pay of IT workers. The seminar intends to provide bright future IT image to students as well as industry people.

The seminar was opened by Region 10 Technical Activity Coordinator, Dr. Toshio Fukuda and was followed by the status report of IEEE presented by President John Vig. - The program was as follows:

13:00-13:05 "Opening" Dr. Toshio Fukuda (Nagoya University, IEEE Region 10 Technical Activities Coordinator)

13:05-13:35 "The State of IEEE" Dr. John Vig (IEEE President)



13:35-14:05 "Consideration on R&D for Future ICT" Dr. Toshitaka Tsuda (Fujitsu Laboratories, President-Elect of The Institute of Electronics, Information and Communication Engineers)



14:05-14:35 "Outlook and Vision of Broadband Wireless Communications" Dr. Iwao Sasase (Keio University, Vice Chair of IEEE Communications Society Japan Chapter)

14:35-14:45 Coffee Break

14:45-15:15 "Network Technology — Present and Future —" Dr. Koichi Asatani (Kogakuin University, IEEE Fellow, Distinguished Lecturer)



15:15-15:45 "Future of Low Energy Computing Systems — Low Power Multi-core and Many-core processors and Their Software —" Dr. Hironori Kasahara (Waseda University, IEEE Computer Society Board of Governor)

15:45-16:15 "ICT Activities with an Aim of Realizing Low-Carbon Society" Dr. Takuro Sato (Waseda University)



16:15-16:20 "Closing"

74 people, including 35 non-members, participated the seminar. About half of the participants are from industry. We had lively discussion after every presentation. In conclusion, the audiences could foresee many opportunities in the bright future of information and telecommunications technologies. IT will maintain its important role in many aspects of human life including sustainable society.

We express our sincere appreciation to IEEE Region 10 and Global Information and Telecommunication Institute, Waseda University for providing us human resource as well as financial support.