

IEICE Global Plaza

—Monthly community plaza in English for students, faculties and engineers—

Hot Topics

Complete English Session BS-6 Successfully Held during 2014 IEICE Society Conference



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The 2014 IEICE Society Conference was held at Tokushima University in Tokushima, on September 23–26, 2014, where three Societies of Engineering Sciences Society (ESS), Communications Society (CS), and Electronics Society (ES) joined. 18 Symposium Sessions and 65 General Sessions were held there. The number of registered participants reached about 4,300 in total. Since the overview of the Conference was reported and it briefly referred to the complete English Session BS-6 in the preceding issue of IEICE Global Plaza, here, as the Session Organizer, I would like to introduce you how successfully the Session was organized and provided to many participants in an easy environment.

In the Conference, the Technical Committee on “Information Communication Management (ICM)” of IEICE Communications Society hosted the full English Session entitled “Network and Service Design, Control and Management” as one of 18 Symposium Sessions which focused on special topics of advanced technologies. ICM has been handling this Session since 2004 so far, to promote the globalization of the IEICE by providing the international participants staying in Japan or joining from overseas, with more opportunities to present papers and discuss in English.

36 papers in total were submitted to the Session this year. They were classified into 9 Sub-Sessions according to the topics and the sub-sessions were held every day during the Society Conference.

Many kinds of topics covering wireless/ad-hoc network, optical network, traffic analysis and QoS were discussed in those Sub-Sessions. Topics covering application layers such as information centric networks, application & services and data centers were also discussed. More than 25 persons in average joined Sub-Sessions every day and any Sub-Session was very active. A lot of questions came up by the participants in every presentation. Every presenter and audience enthusiastically discussed the ideas and exchanged opinions in the time slot assigned for questions and answers.

Although most of papers were proposed by researchers from universities, 8 papers were proposed by researchers from industries. While most of speakers were international students studying in Japan and foreign researchers working in Japanese industries, 7 presenters were Japanese students and researchers. In this Symposium Session, ICM expects the open contribution from not only universities but also enterprises, and also talks by Japanese students and researchers as well as international students and foreign researchers. Discussions from various aspects are beneficial and indispensable for the advancement of their research phases.

ICM provides the Best Paper Award to the outstanding paper presentation to encourage their continuous research activities. In the last ICM workshop held in March, ICM gave the Best Paper Award to the following papers selected out of the papers presented in the English Session of the former 2013 IEICE Society Conference:

- (1) “Asymmetric RTS/CTS for Exposed Node Reduction in IEEE 802.11 Ad Hoc Network” by Akihisa Matoba, Takashi Sasagawa, Masaki Hanada (Tokyo Univ. of Information Sciences), Hidehiro Kanemitsu (Waseda Univ.), Moo Wan Kim (Tokyo Univ. of Information Sciences)

- (2) “Performance Analysis of Comfort Route Navigation Providing High Communication Quality for Mobile Devices”, Kenji Kanai, Jiro Katto (Waseda Univ.), Tutomu Murase (NEC)

Now, ICM is selecting the Best Paper Award winners out of the papers presented in the English Session BS-6 this year, and it will be awarded to the winners in the upcoming ICM workshop in 2015 which will be held in Ishigaki City Hall, Okinawa, Japan on March 19–20, 2015. Your participation in the English Session hosted by ICM is welcome next year as well!



Fig. 1 English Session BS-6 in 2014 IEICE Society Conference

2014 International Workshop on Smart Info-Media Systems in Asia (SISA 2014) Was Held in Ho Chi Minh City



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International Workshop on Smart Info-Media Systems In Asia (SISA 2014) was successfully held at Hotel Majestic Saigon, Ho Chi Minh City, Vietnam, on October 8–10, 2014. The Workshop was sponsored by IEICE, the Special Interest Groups of Audio Visual and Multimedia Information Processing (AVM) of Information Processing Society of Japan (IPJS), ECTI Association of Thailand, and Vietnam National University in Ho Chi Minh City.

The technical program of the current SISA series consists of two research fields—multimedia signal processing and communication systems. These two research areas have been rapidly advancing so far since Technical Committee on Smart Info-media System (SIS) of IEICE was established. Recent rapid development of personal communication systems, such as mobile computing and smartphones, has accelerated the integration of multimedia signal processing and communications and further requires more “intelligent” user interfaces now. Therefore, the technical program for SISA 2014 covers topics in all aspects of multimedia signal processing and communication systems from fundamental theory to practical implementation and emerging technologies. SISA plays the role of a connection for researchers and engineers from institutes, laboratories all over the world, also encourages young researchers in the field of these technologies.

This year, the total number of paper submission reached more than 50, and approximately 50% of them were from Vietnam. Most of the participants joined the Workshop mainly from Japan, Vietnam, Thailand, Indonesia and they shared their research ideas, work experiences and expected potential cooperation in the field of Smart Info-Media Systems. During the Workshop, a seminar with the topic of “How to Prepare and Write A Good Technical Paper” was provided for young lecturers and students in VNU University of Technology Ho Chi Minh City and many students were encouraged by the seminar.

On the occasion, IEICE Vietnam Section introduced the scheme, organization and activities of IEICE to the Vietnamese lecturers and students, especially young audience, and encouraged them to join IEICE's academic activities as the members. Following the success of SISA 2014, next event SISA 2015 was decided to be held in Chiba, Japan in October, 2015 (See it at <http://www.ieice-sisa.org>).



Fig. 2 Opening Ceremony in SISA 2014



Fig. 3 Student Award Giving Ceremony in SISA 2014

IEICE Provides Symposiums and Technical Committees at CEATEC JAPAN 2014 Connecting Academia and Industry



Kotaro Asai,
Mitsubishi Electric Corporation
Board Director/Planning, IEICE
Chair, CEATEC Relations, IEICE

The Cutting-Edge IT & Electronics Comprehensive Exhibition "CEATEC" is focused on the collaborative works between industry and users from the wide viewpoint of policy, strategy, design, production, applications, services and management of electronics, information, and communication. It provides us with the biggest exhibition and conferences of ICT and electronics to showcase the cutting-edge products, services and technologies, in Asian region where IEICE also collaborates. (See the details at <http://www.ceatec.com/en/outline/outline03.html>)

CEATEC JAPAN 2014 with the theme "NEXT-Technology makes the future" was held at the metropolitan convention center Makuhari Messe on October 7 to 11, this year. IEICE has organized Special Symposium, Symposium planned by IEICE Tokyo Section and seven IEICE Technical Committees and many people joined the IEICE's events. Table 1 shows the number of general participants who joined the events.

Table 1 The number of participants in IEICE's CEATEC events

Year	2011	2012	2013	2014
IEICE Symposium	214	296	601	536
Cooperative Events	1,064	882	1,008	1,080
CEATEC in total	172,137	162,219	141,348	150,912

The IEICE's Special Symposium was held under the theme "ICT designs the Future" on October 9, 2014. Distinguished speakers and panelists were invited from the industries, government and academic society of Japan. Prof. Yoshinori Sakai of The Open University of Japan, President of IEICE inaugurated the event. Mr. Toshiyuki Takei, Director General for International and Technology Policy Coordination of Ministry of Internal Affairs and Communications and Prof. Katsuhiko Shirai, Chairperson, the Foundation for The Open University of Japan gave Keynote Speeches. Fig. 4 shows Panel Discussion where Prof. Sakai moderated the debate with the invited panelists, Mr. Hiromichi Shinohara, Senior Executive Vice President of Nippon Telegraph and Telephone Corporation, Dr. Toru Kuroda, Head, Science and Technology Research Laboratories, Japan Broadcasting Corporation, Prof. Masaru Kitsuregawa, Director General of National Institute of Informatics, Dr. Kazuhiko Ogawa, Executive Fellow, Fujitsu Ltd. and Dr. Keiko Kiyohara, Mayor, Mitaka City in Tokyo. Prof. Masanori Koshiba, Hokkaido University, President-Elect of IEICE gave the Closing Remarks. The responses to a questionnaire has shown that more than 60% participants were non-members of the IEICE and 75% of them were from the industry.



Fig. 4 Panel Discussion in IEICE Special Symposium where Prof. Y. Sakai, President of IEICE moderated the debate with the guests

Call for Papers

Let's Join ICTF2015 in Manchester, UK

IEICE Europe Section

The 2015 IEICE Information and Communication Technology Forum (ICTF2015) organized by IEICE Europe Section will be held in Manchester, UK on June 3-5, 2015. It is just before IEEE ICC2015 held in London on June 8-12, 2015. Topics of interest will cover the special fields of Communications, Electronics and Engineering Sciences through a number of technical tracks, workshops and keynote sessions. The updated important dates for your paper presentation are:

- Full Paper Due : February 15, 2015
- Notification of Acceptance : March 15, 2015
- Camera Ready Paper Submission Due : April 1, 2015

Your proposals are welcome for tutorials and workshops as well. Please contact the General Chairs for any inquiry that you may have.

For the detailed information, please see it at: <http://www.ictf2015.ieice-europe.org>, and the CFP at http://confair.ieice-europe.org/files/12/cfp_ictf2015.pdf

For any question, please do not hesitate to contact the Secretary of IEICE Europe Section at piotr.zwierzykowski@put.poznan.pl.

Upcoming International Conferences

ISAP2014-IEICE Communications Soc., in Kaohsiung, Taiwan, on Dec. 2-5, 2014, <http://isap2014.org/>

KJMW2014-IEICE Electronics Soc., in Swon, Korea, on Dec. 4-5, 2014, <http://www.kiees.or.kr/kjmw2014/>

APSIPA 2014-IEICE Engineering Sciences Soc., in Chiang Mai, Thailand, on Dec. 9-12, 2014, <http://www.apsipa2014.org/home/>

ICOIN2015-IEICE Communications Soc., in Siem Reap, Cambodia, on Jan. 12-14, 2015, <http://www.icoin.org/main/>

ASP-DAC2015-IEICE Engineering Sciences Soc., in Chiba/Tokyo, Japan, on Jan. 19-22, 2015, <http://www.aspdac.com/aspdac2015/>

APRICOT-APAN2015-IEICE Communications Soc., in Fukuoka, Japan, on Feb. 24-Mar. 5, 2015, <http://2015.apricot.net/>

ISADS2015-IEICE Communications Soc., in Taichung, Taiwan, on Mar. 25-27, 2015, <http://isads2015.asia.edu.tw/>

Message from TFIPP Secretariat

This issue is delivered also by a free mail magazine "IEICE Global Plaza Online" with updated news of interest for you. Please contact Prof. Takahashi, TFIPP (Task Force for International Policy and Planning) at global@ieice.org, if you need. Back numbers are available in archives at: http://www.ieice.org/eng/global_plaza/index.html/

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