

## Hot Topics

### Introduction of New Representatives of IEICE International Sections for the 2015/2016 IEICE Fiscal Year

#### IEICE International Affairs Committee

The number of IEICE International Sections was increased to the current twelve Sections covering Asia and Europe with the establishment of IEICE Malaysia Section in the beginning of this year. Furthermore, the change of all the other Representatives of the International Sections except two Sections were confirmed in the annual IEICE All Sections Meeting which was held on the occasion of the 2015 IEICE General Conference in March this year. The new line up was approved by the first 2015/2016 Fiscal Year Meeting of IEICE International Affairs Committee on June 17, 2015. Thus, it would be useful for the general readers of IEICE Global Plaza, especially the younger generation who have tried to contact International Sections covering the same region where they are, to know the Representative and regional academic activities. The prior issue of IEICE Global Plaza has started introducing the new Representatives and their vision of academic activities to the general readers of IEICE Global Plaza and encourage them, especially in the sectors of academia, industry and administration to join their academic activities. This is the second issue of IEICE International Sections, following IEICE Bangkok Section, Beijing Section and Europe Section in the prior issue.

#### IEICE Indonesia Section



*Gusti Bagus Baskara Nugraha, Asst. Prof., Dr.  
Institut Teknologi Bandung, Bandung, Indonesia  
Repr. of IEICE Indonesia Section*

#### <Vision>

IEICE Indonesia Section was established in 2004 and Prof. Suhono Harso Supangkat of ITB took the initiative of IEICE activities in Indonesia as the first Section Representative. Though the activities were degenerated for a while due to his inauguration to Special Advisor to Minister of Communication and Information Technology of the Republic of Indonesia but Prof. Suhono worked hard to continue the IEICE academic activities and Dr. Jaka Sembiring took over the role of Section Representative in 2012, after that, many academic events including IEICE sponsored lectures, meetings of the Section and a short seminar of I-Discover were organized for professors and staffs in Indonesia, setting ITB as the core of the activities. See the detailed activities at no.26, no.33 and no.78 on the Web page of IEICE Global Plaza at:

[http://www.ieice.org/eng/activities/ieice\\_global\\_plaza.html](http://www.ieice.org/eng/activities/ieice_global_plaza.html).

The author took over the role of the Section Representative in the beginning of 2015.

We have the expectations for IEICE to be regionally and globally recognized as an important hub in the field of electronics, information and communications. At first, this can be accomplished by inviting outstanding communities around the world, including Indonesia, to get actively involved through the International Section of Indonesia, in IEICE activities covering IEICE's regular publications and Society activities, for example as the reviewers or editors. These efforts will hopefully motivate Indonesian people to join and promote IEICE publications and activities, and communities outside Japan will feel the benefits of joining IEICE. The second expectation is to promote the science and technology through publications using popular words. IEICE's transactions tend to be heavily written in specific technical language for people with specific education background. The third expectation is to actively involve Indonesian people in international academic conferences as the technical sponsor. IEICE can contribute through reviewing process and organizing a conference.

#### <Profile>

He received B.E and M.E. degrees in Electrical Engineering from Institut Teknologi Bandung (ITB), Indonesia, in 1999 and 2001, respectively. In 2003, he joined the Graduate School of Information Systems at the University of Electro-Communications (UEC), Tokyo, Japan, as the Ph.D student to study multicast communication systems for digital video distribution. After he received Ph.D. degree from UEC in 2006, he continued to work as a research associate at the graduate school of UEC. In 2007, he became Assistant Professor and doing some research work on digital video communication and compressed-domain video analysis. In 2012, he returned to Indonesia and joined the School of Electrical Engineering and Informatics at ITB as the Assistant Professor. His current research interests cover the video content analysis, video communication systems and implementation of the systems into a nationwide Smart City Project where ITB has taken the initiative of development.

#### IEICE Korea, Communication Section



*Il Young Chong, Prof., Dr.  
Hankuk University of Foreign Studies, Yongin-si,  
Gyeonggi-do, Korea,  
Repr. of IEICE Korea, Communication Section*

#### <Vision>

Many excellent members in Korea have joined IEICE Korea, Communication Section since it was set up with the leadership of Prof. Chul-Hee Kang of Korea University in 2005. Our first perspective is how to make the concrete collaboration among members to promote our activities well, and the second one is to develop the common interest of works in all aspects of communications science, engineering, and technology through our activities. First of all, it will be targeted to organize the premier international section for the exchange of ideas on communications technologies and information networking, supporting local and international coverage of important issues through organizing members workshop, fostering an educational program, promoting local activities and enhancing collaborations with IEICE Communications Society and others like APCC.

Our Section will hold the tentative plan as follows.

- Member meeting and workshop around November 2015 to discuss about promotion of local activities and cooperation
- Technical meeting in communications technology and services in January/February 2016.
- Technical workshop and meeting in October 2016.
- Collaboration activities with other societies

#### <Profile>

He received his B.S. degree in Electronics from Kyungpook National University, Korea in 1980 and his Ph.D. degree in Computer Science from the University of Massachusetts, USA in 1993. He was a principal research member at Electronics and Telecommunications Research Institute (ETRI), Korea from 1980 to 1996. He has served Department of Information and Communications Engineering, Hankuk University of Foreign Studies (HUFS) as Professor since 1996. He also served College of Engineering as Dean from 2007 to 2008 and he played an important role to manage the Global Campus, HUFS as Vice-President from 2010 to 2012. His research interests cover communications service platform, service-oriented networking and WoT/IoT services. He takes the leading role for the development of Web-of-Objects (WoO) in collaboration with 27 partners from EU (ITEA2) and Korea. He played Chief of Editor, LNCS of Springer for 4 years since 2002, Organizing Chair, General Chair and Steering Board of the ICOIN from 2002 to 2005. He also played Operating Committee Chair of IPTV Forum Korea since 2002, and the Chair of Open Standards of Internet Association (OSIA) in 2008. He was General Chair of Korea Internet Conference from 2009 to 2010, and Steering Committee Board of International Conference and Ubiquitous and Future Network (ICUFN) from 2007 to 2014.

## IEICE Korea, Electronics Section



*Jang-Kyoo Shin, Prof., Dr.  
Kyungpook National University, Daegu, Korea,  
Repr. of IEICE Korea, Electronics Section*

### <Vision>

IEICE Korea, Electronics Section is served by its Representative, Prof. Jang-Kyoo Shin of Kyungpook National University (KNU), Daegu, Korea and its Secretary, Prof. Seong-Ho Kong in the same university. Prof. Shin is in charge of planning of activities and general affairs, while Prof. Kong is in charge of financial affairs and promoting activities.

In order to extend the membership and increase the number of members, we are planning to organize a lecture meeting or workshop in Seoul, where many universities, companies and research institutes are located. Professors, graduate students from universities and researchers from companies and research institutes will be able to join the lecture meeting or workshop and learn about benefits of joining IEICE.

Themes for the lecture meeting or workshop sponsored by IEICE will be decided from the following areas: time of flight CMOS image sensors, nano materials and devices, multimodal smart sensor and nanoplasmonics. These themes are thought to be important and exciting areas of research in the field of electronics engineering. We will invite a professor in Japan who has worked in the field for a long time, to give his lecture. This will be a good opportunity to extend the IEICE membership and increase the number of members in Korea.

We are planning to collaborate with IEICE Tokai Section in Japan in the form of joint research and student/faculty exchange. In particular, we are planning to collaborate with Shizuoka University in the area of high performance CMOS image sensors. We are also trying to collaborate with Toyohashi University of Technology in the area of intelligent sensor systems.

### <Profile>

He received his B.S. degree in Electronics Engineering from Seoul National University in Seoul, Korea, in 1978 and M.S. degree in Electrical Engineering from Korea Advanced Institute of Science and Technology (KAIST) in Seoul, Korea in 1980 and Ph.D. degree from Colorado State University in Fort Collins, Colorado, USA in 1991. He has served the School of Electronics Engineering in the College of IT Engineering, Kyungpook National University (KNU) in Daegu, Korea, since 1980. He became a teaching assistant in 1980, a full-time instructor in 1981, an assistant professor in 1984, an associate professor in 1994, a full professor in 1999. He also served the Department of Electrical and Electronic Engineering, Toyohashi University of Technology, Japan as the Visiting Associate Professor from 1995 to 1997. He also served the Department of Electrical and Computer Engineering, Missouri University of Science and Technology in Rolla, Missouri, USA, as the Visiting Scholar, in 2009. He was President of Korean Sensors Society in 2014. Currently, he serves the Sensor Technology Research Center in KNU as the Director. He played IEICE Transaction on Electronics as the Associate Editor from 2009 to 2014. He has served IEICE Korea, Electronics Section as the Representative since 2012. His special fields of research cover semiconductor devices, image sensors and intelligent sensor systems.

## IEICE Korea, Information Section



*Jong-Il Park, Prof., Dr.  
Hanyang University, Seoul, Korea,  
Repr. of IEICE Korea, Information Section*

### <Vision>

Our 2015 Activity Plan covers,

- (1) IEICE Sponsored Lecture on Wearable Devices and Computing for Mixed Reality
- (2) Co-sponsorship to International Conferences "Korea-Japan Workshop on Mixed Reality" in early 2016
- (3) Enhancement of IEICE membership through Introductory

Remarks of IEICE for the conference participants

(4) Collaboration with IEICE Regional Sections in Japan

- Co-organizing a workshop in the field of e-Science and Cloud Computing
- Cooperative research with universities located in the area of domestic Section

For example, cooperative study of cloud application with Kyushu Section

- Co-organizing a special session in big conferences
- Exchanging lectures and seminars in cooperation with the other IEICE International Sections



Fig.1 Scheme of academic activities of IEICE Korea, Information Section  
<Profile>

He received his B.S., M.S., and Ph.D. degrees in electronics engineering from Seoul National University, Korea, in 1987, 1989, and 1995, respectively. He was a researcher at University of Tokyo and a visiting researcher at NHK Science and Technology Research Laboratories in Japan from 1992 to 1994, a senior researcher at Korean Broadcasting Institute in 1995 and he served the ATR Media Integration and Communication Research Laboratories, Kyoto, Japan, as the researcher from 1996 to 1999. In 1999, he joined the Department of Electrical and Computer Engineering at Hanyang University (HU), Seoul, Korea and he currently serves as a Professor of HU. His research interests include computer vision/graphics, virtual and augmented reality, computational imaging and display, and human-computer interaction.

## 2015 IEICE Society Conference Comes Up!

### Let's Join the English Sessions as Well

2015 IEICE Society Conference will be held at Tohoku University Kawauchi-Kita Campus in Sendai, Japan, on September 8-11, 2015. IEICE Engineering and Sciences Society, IEICE Communications Society and IEICE Electronics Society will organize the joint event, while IEICE Information Systems Society and IEICE Human Communications Group will hold FIT2015 at University of Ehime in Matsuyama, Ehime, Japan on September 15-17, 2015. The unique English Sessions giving a chance of communication and knowledge sharing between domestic and international participants are:

BS-6: "Network and Service Design, Control and Management" organized by Technical Committee on Information Communication Management (IEICE-ICM) of IEICE Communications Society which will be provided during the full four days of the Conference. B-1 English Session 1 and 2: "Antenna and Propagation -B" on September 9 organized by IEICE Communications Society.

See the details of each Session at:

[https://www.gakkai-web.net/gakkai/ieice/pro15s/0731\\_Bpro.pdf](https://www.gakkai-web.net/gakkai/ieice/pro15s/0731_Bpro.pdf).

## Upcoming International Conferences

**RFID-TA2015** - IEICE Communications Soc., in Tokyo, Japan, on

Sept. 16-18, 2015, <http://2015.ieee-rfid-ta.org/>

**APCC2015** - IEICE Communications Soc., in Kyoto, Japan, on Oct.

14-16, 2015, <http://www.apcc2015.ieice.org/cfp/index.html>

**INTELEC2015** - IEICE Communications Soc., in Osaka, Japan, on

Oct. 18-22, 2015, <http://www.intelec2015.org/>

**MOC2015** - IEICE Electronics Soc., in Fukuoka, Japan, on Oct. 25-28,

2015, [http://www.comemoc.com/topics\\_e.html](http://www.comemoc.com/topics_e.html)

**ICTC2015** - IEICE Communications Soc., in Jeju Island, Korea, Oct.

28-30, 2015, <http://www.ictc2015.org/>

## Message from TFIPP Secretariat

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

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