WACE’s Secretariat is based in Boston, Massachusetts, U.S. and consists of a full-time CEO, Director, and Designer, all of whom report to a 43 member Board of Governors, who represent 18 countries. WACE’s current President, Dr. Maurits van Rooijen, is from the Nyenrode Business University in The Netherlands;

Fig.1 WACE leaders on the occasion of Donald MacLaren Award given to Mr.Olof Blomqvist, WACE Director in June 2009, from the left, Dr.Stonely(author), Mr.Blomqvist, Ms.Hansford(author) and Mr.Peter Franks, Executive Dir. & Asst. Provost of Drexel University, USA

WACE’s President Emeritus, Prof. Ian Goulter, is from Charles Stuart University in Australia; and we also have Board Members from Austria, Canada, Hong Kong, Japan, Malaysia, Mexico, South Africa, and Thailand, just to name a few countries. WACE’s presence in Asia has grown considerably over the past five years, and it was a very positive addition for WACE when we appointed Prof. Kenzo Takahashi from the University of Fukui in Japan to serve as a WACE Governor in 2007.

WACE, once called The World Council and Assembly on Cooperative Education, was founded in 1983 to foster cooperative education and work integrated learning programs worldwide. Its founders were college and university presidents, educational specialists, and employers from Australia, Canada, Hong Kong, the Netherlands, the Philippines, the United States, and the United Kingdom. The World Council and Assembly on Cooperative Education was renamed The World Association for Cooperative Education (WACE) in 1991. Today, WACE has nearly 4,000 WIL colleagues worldwide. For more information on WACE, call Ms.Hansford at m.hansford@nati.edu.

Note to the Essay by WACE CEO and Director
Evolving Cooperative Education Activities Based on Collaborations in Universities, Industries and Governments

Kenzo Takahashi, Prof. Dir., International Relations, IEICE Board Governor, WACE

Thanks for the kind cooperation of Dr.P. J.Stonely, CEO, and Ms.M. Hansford, Director, WACE. As stated there, WACE has taken initiatives in the global cooperative education for long years. Originally, the fundamental idea of cooperative education was proposed by Prof.Herman Schneider, Dean, Faculty of Engineering, University of Cincinnati in 1906, it has been developed in North America, later extended to the whole world. They have a long history of cooperative
higher education and improvement of higher educational systems over the past one century. As a world trend in the last ten years, many countries have joined the discussion of cooperative education through the WACE’s international conferences and symposiums, especially in Europe, Oceania, especially Australia, Asia and Africa, additionally to the North America. As a matter of fact, Asian countries which have joined the discussion covers Japan, China including Hong Kong, India, Singapore, Thailand, Indonesia, Philippines, Malaysia and others.

In Japan, the cooperative education has been accelerated by Ministry of Education, Culture, Sports, Science and Technology Japan since 2005, through the national projects of practice based cooperative postgraduate education between universities and industries with a long term internship system. The primary purpose of the project is to bring up graduate students in practical environment of industries so that they can lead research activities or business administration in industries in the future. It is also based on the self-development graduate education for the quality enhancement of graduate education. The whole number of students dispatched to industries on the project has been increased year by year but the ratio of the students still remains around a few percents of those in the other leading countries on the yearly basis. I believe the contribution by WACE leaders will give more people, above all students a chance of knowing the importance of cooperative education in collaboration with industries.

Hot Topics

Many people joined IEICE’s Special Symposium on Expected Collaborations by Industry, Academia, Government and IEICE toward Evolving ICT Development

IEICE-TFIPP

The IEICE Special Symposium entitled “Rejuvenating the ICT industry - How can Industry, Academia, Government and IEICE contribute to it?" was held at Tokyo University on May 8 and more than 300 people joined it from relevant societies. Dr. Yukou Mochida, IEICE Director/Strategic Planning chaired it, Prof. Tomonori Aoyama, IEICE Chairman had the Opening Address. Keynote Speech was given by His Excellency Mr. Masamitsu Naito, Vice Minister, Ministry of Internal Affairs and Communications (MIC) and he summarized the new policy of ICT development, regional tie improving the quality of life in communities and creation of evolving ICT market, and referred to the expected collaborations with Asian countries (Fig.2, Prof.Aoyama chaired the panel discussion, Prof.Shojiro Nishio, VP, Osaka University, Mr. Masataka Kawauchi, DG for Policy Coordination, MIC, Dr. Tamotsu Nomakuchi, President, AIST, Dr. Noritaka Uji, VP, NTT, Dr. Masao Konomi, President, Konomi(Pan-Comm) and Prof. Wachi Sekiguchi, Editor, NIIkei gave lectures and discussed on the issue of ICT revitalization (Fig.3). Prof. Hiroshi Ishii, MIT, USA talked the issue out through video.

The activities of Bangkok Section in Fiscal Year 2009-2010 are summarized as following:

1. Members of IEICE Bangkok Representative Office
   - Former Area Representative: Prof. Dr. Prasit Prapinmongsat, Commissioner, National Telecommunications Commission (NTC)
   - Current Area Representative: Assoc. Prof. Dr. Watt Benjapolakul

2. IEICE Bangkok Section
   - Dept. of Electrical Eng., Chulalongkorn University (CU)
   - First Deputy Representative: Assoc. Prof. Dr. Tawit Pungma
   - Former Dean, Faculty of Eng. (FOE), KMITL
   - Program Coordinator: Assoc. Prof. Dr. Itthichai Arunsinsangh, Assistant to the President
   - Dept. of Electrical Eng., KMITL
   - Secretary and Registrar: Associate Prof. Dr. Tuptim Angkaew
   - Department of Electrical Eng., CU
   - Conference Manager and Executive Secretary: Assistant Prof. Dr. Supavadee Aramvith
   - Asst. Head, Dept. of Electrical Eng., CU
   - Advisory Board: Assoc. Prof. Dr. Kittir Tirasehat, President, KMITL
   - Prof. Dr. Somjak Panyawkaew, Former Dean, FOE, CU
   - Committee Chairpersons:
     - Communication Committee: Assoc. Prof. Dr. Watt Benjapolakul
     - Electronics Committee: Assoc. Prof. Dr. Tawit Pungma
     - Information Committee: Assoc. Prof. Dr. Boworn Papesratori

2. Multimedia Committee: Asst. Prof. Dr. Supavadee Aramvith

3. (2) Conferences sponsored by IEICE

Thailand-Japan Microwave Workshop (TJMW)” was held in Bangkok on August 19-21, 2009 (Fig.4,5). It was co-organized by IEICE Bangkok Section IEICE Japan, IEEE MTT/AP/ED Thailand and KMUTNB. It was managed by the Japanese Committee: Chair, Prof. Takashi Ohira (Toyoohashi Univ. of Tech.), Vice-Chair, Mr. Hiroshi Okazaki (NTT Doicom), Secretary, Dr. Tsumoto Nishino (Mitsubishi Electric), TPC Chair, Prof. Atsushi Sanada (Yamaguchi Univ.), TPC VC, Dr. Shoichi Nakashima (NTT Doicom), Publication, Prof. Tadashi Kawai (Hyogo pref. Univ.), Publicity, Prof. Kensuke Okubo (Okayama pref. Univ.), Contact for IEICE, Mr. Toru Maniya (Fujitsu), Contact for Thailand, Dr. Kenji Ito (Mitsubishi Electric), and Thai Committee: Chair, Prof. Vivek Vach, Technical program, Prof. Monai Krairiksh, Publication, Dr. Chuwong Phongcharongpanich, Publicity, Dr. Denchai Worasawat, Finance, Dr. Tuptim Angkaew, Local arrangement, Dr. Sarawut Chaimool, Secretary, Dr. Prayoot Akkarachithalin.

IEICE proposed “Thailand-Japan MicroWave (TJMW)” to establish the continuous friendship between both MW societies. Thailand MW Society (IEICE, IEEE and ECTI) agreed to organize TJMW with the main-sponsorship by IEICE Bangkok Section and IEICE Microwave Technical Committee. TJMW 2009 took a workshop style without the peer review to enlarge the opportunity for every generation. Thai/Japanese mentors internally reviewed papers to improve the quality. The number of participants was about 110. Future TJMW style (conference or workshop) beyond 2009 will be considered through further discussions.

![Fig.2 Keynote Speech by His Excellency Mr. M. Naito, Vice Minister of MIC.](image1)

![Fig.3 Panel discussion by outstanding lecturers, chaired by Prof. T. Aoyama.](image2)
The other event, Special Seminar on “Filter Banks for Audio and Speech Processing” was held at CU on December 24, 2009. It was co-organized by IEICE Bangkok Section, IEICE Japan, Tokyo Institute of Technology (TIT), and CU (Fig.6,7). The number of participants was about 25.

Bangkok Section planned the activities in Fiscal Year 2010 as following:

- 2010 Special Seminar: Advance in Next-Generation Network in December 2010, co-organized by IEICE Bangkok Section and IEICE Japan

Report-2
Activity Report from IEICE Beijing Section

Jian Yang, Prof.
Tsinghua University
Representative of IEICE Beijing Section

In 2009, four professors were invited to have special lectures with the twice IEICE support expenses. On Oct. 31, Dr. Jong-Sen Lee of Naval Research Laboratory, USA, gave a lecture entitled “Imaging Filtering and Analysis” at East-Main Building, Tsinghua University (Fig.8). About 30 persons attended the lecture meeting. On November 6, 2009, Prof. Wolfgang Martin Boerner of Illinois University at Chicago, USA, gave a lecture entitled “Recent developments of airborne, high-altitude and spaceborne microwave POL-IN-SAR sensors for environmental remote sensing” at Environmental Building, Tsinghua University (Fig.9). About 20 persons attended the meeting. During both the lectures, Prof. Jian Yang spent a few minutes for IEICE publicity. He encouraged the attendants to apply for the membership of IEICE.

On Oct. 13, 2009, Professor Masatoshi Nakamura and Prof. Susumu Nagano of Saga University gave lectures. One was on the robotics and medical engineering, and the other was on modern technology and social economics. About 30 persons attended the meeting. Prof. Tao Zhang first spent a few minutes to give an introduction of IEICE organization before the meeting. He encouraged the attendants to apply for the membership of IEICE.
all of the audiences and welcome them, especially young scholars and PhD students, to join the IEICE as regular or student members. After each of lectures was finished, more than 30 minutes were usually spent for an interactive session between the lecturers and audiences due to very timely topics involved in these lectures (Fig.13). The number of participants in these four seminars was more than 120 in total.

Other activities in the past and future: Two administrative meetings were held to discuss Section activities. We are currently in discussion to invite two IEICE Distinguished Lecturers for delivering their lectures in Singapore.

Report-4
Activity Report from IEICE Taipei Section

Tzung-Lin Wu, Prof.
National Taiwan University
Representative of IEICE Taipei Section

IEICE Taipei section co-sponsored two events in the year. A distinguished lecture of IEICE was held in National Taiwan University (NTU), Taipei, Taiwan, on Sept. 16. A world-renowned scholar, Prof. Tatsuo Itoh, from UCLA was invited by IEICE Taipei Section to deliver a talk in NTU. Prof. Itoh arrived at Taipei on Sept. 14 and left Taiwan on Sept. 18 (Fig.14,15). The Distinguished Lecture was arranged from 1:30pm to 3:00pm, on Sept. 16. Over 250 audiences attended this great event, including students, faculties, and engineers, and no empty seats were seen in the big lecture hall. It was a very successful event with warm interaction between speakers and audience. After the talk, a welcome tea party was held in the NTU with over 30 main faculties in north Taiwan who were invited. They had very joyful chatting. I would like to say it was successful in enhancing the visibility of IEICE in Taiwan and attracting more members for IEICE.

The second event was the workshop about “Design and Modeling for Power Integrity: State of the Art”, which was held on Jan. 11, 2010 at Industrial Technology Research Institute (ITRI), Hsin-Chu Campus (Fig.16). This whole day event was opened by a talk from Dr. Wei-Chung Lo, Director of Packaging Department of ITRI. The invited speaker Prof. Swaminathan from Georgia Institute of Technology (GIT), US gave a series of talks in the morning session about basic concept for power integrity design and simultaneous switching noises in high-speed circuits. In the afternoon session, advanced technology about modeling and EBG design were covered. Over 50 engineers attended this workshop, and they had good interaction between the audience and speaker.

Fig.14 2009 IEICE Distinguished Lecture by Prof. Tatsuo Itoh, UCLA, US, at NTU.

Fig.15 IEICE Distinguished Lecture event at NTU

Fig.16 IEICE sponsored workshop at ITRI, Hsin-Chu

International Conferences in 2010

OECC 2010 - IEICE Communications Soc. & Electronics Soc.

NOLTA 2010 - IEICE Engineering Sciences Soc.
2010 International Symposium on Non-linear Theory and Its Applications, at Krakow in Poland, on Sept. 5-8, http://nolta01.is.tokushima-u.ac.jp/

SISA 2010 - IEICE Engineering Sciences Soc.

GIS2010 - IEICE Communications Soc.

ICCE 2010 - IEICE Electronics Soc. & Communications Soc.

AP-RASC’10 - IEICE

IWSEC 2010 - IEICE Engineering Sciences Soc.

APARM 2010 - IEICE Engineering Sciences Soc.

ISADS 2011 - IEICE Communications Soc. and Information Systems Soc.

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 at global@ieice.org, if you need. Back numbers are available in archives at http://www.ieice.org/eng/global_plaza/index.html.