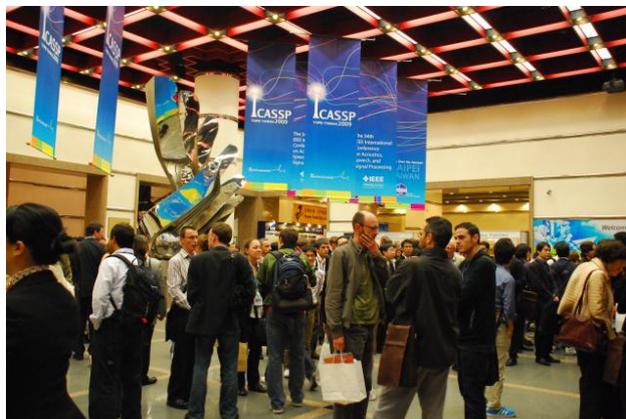IEEE Taipei Section Newsletter

ICASSP 2009

The 34th IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP) was held at the Taipei International Convention Center in Taipei, Taiwan, 19th-24th April 2009 and was hosted by Prof. Lin-shan Lee served as the General Chair. This was the second-time ICASSP held physically in Asia after the first one, ICASSP 1986 in Tokyo. The ICASSP meeting is the world's largest and most comprehensive technical conference focused on signal processing and its applications. The conference featured world-class speakers, exhibits, and over 140 lecture and poster sessions. Two additional Show & Tell sessions including demos featuring latest results of signal processing systems were also organized.

The program also includes a very strong tutorial program of 17 tutorials covering a wide range of balanced topics and a total of 12 special sessions and 4 panels. The 12 special sessions cover a wide range of topics. The number of attendees reached 1,829 (including 1,700 IEEE members and 129 guests). In this conference, the numbers of accepted papers are 1,225 of 2,705 received papers around the world. This well-known conference offered a good opportunity for researchers and developers to get greater insight to the related technical advances and innovative solutions. At the same time, the ICASSP conference is a great success in providing a veritable meeting of creative ideas for all the participants.

During the ICASSP meeting, IEEE Taipei Section occupied a stand to provide IEEE members services and recruit new members. The non-member participants can seek advice if they have any question about IEEE membership, and at the same time they can join IEEE on site. It contributed a significant result of recruitment. Consequently, IEEE Taipei Section will continue devoting in enhancing the relationships with all Chapters and members.

NASNIT 2009 at NCTU, Taiwan

The 14th North-East Asia Symposium on Nano, Information Technology and Reliability (NASNIT 2009) provided scientists and researchers from Asia with opportunity to present and discuss their research, was held on 15th May at International Conference Room, National Chiao Tung University, Taiwan. The goal of the symposium is to promote a mutual understanding and expansion of new knowledge in NT, IT & Reliability and to provide a dynamic forum for relevant information exchanges in Asia.

NASNIT 2009 is organized by IEEE Taipei Section and co-organized by IEEE Seoul Section, and IEEE Tainan Section. The conference was hosted by IEEE Taipei Section Chair, Prof. Chin-Teng Lin. IEEE Seoul Section Chair, Prof. KD Kwack and IEEE Tainan Section Chair, Prof. Jhing-Fa Wang served as the Co-Chairs. Total 60 papers were accepted, including Taiwan(9), Korea(29), Japan(1), India(8), China(6), Ukraine(6) and USA(1). All the collected papers were published as a symposium proceeding. There are two conference rooms served, one for electronics area and the other for computer area. Each paper presentation was done in oral(10 minutes) by 20 students. In the symposium, 20 papers were arranged to be shown as poster sessions.

The number of attendees reached 60, including 11 professors and 49 students, who came from Korea, Japan and Taiwan. At the same time, we invited IEEE Fellow, Prof. Han-Ping D. Shieh to have a talk at the opening ceremony. NASNIT 2009 was a good opportunity for outstanding graduate students in Asia to come together to discuss their work in the most advanced area. At the same time, not only the sections but also the young researchers can come out more collaboration through this symposium.

2008 HI Consortium International short course

The HI Consortium under the supervision of Ministry of Education, Taiwan, invited Prof. Yeo Kiat Seng, Head of Division of Circuits and Systems and an associate professor of School of Electrical & Electronic Engineering, Nanyang Technological University, Singapore, to give two short courses in Taiwan. The short courses are entitled "CMOS RF Technology and Integrated Circuit Design: Can It Keep Pace With Moore's Law?".

The first short course held at National Cheng-Kung University (NCKU), Tainan on 15th Jan, 2009. Prof. S.-J. Chang hosted this event. The total number of the attendees is 64 including 12 IEEE members and 52 graduate students. Some of the graduate students are IEEE student members. During the session, Prof. Chang and Prof. Yeo achieved the common goal which they had made agreement on the cooperation of academia and research between two countries.

The same short course was given at National Chiao Tung University (NCTU), Hsinchu on 16th Jan, 2009. Prof. Hao-Chiao Hong was the host. The total number of the attendee is 33 including 2 IEEE members and 31 graduate students. All attendees expressed that they have learned a lot from the excellent short course.

2009 Spring Workshop on Information Theory & Communications (ITCOM-Spring 2009)

2009 Spring Workshop on Information Theory & Communications (ITCOM-Spring 2009) was held from February 4 to 5, 2009, at the Engineering Building of National Dong Hwa University (NDHU) in the beautiful city of Hualien, located on the east coast of Taiwan. ITCOM-Spring 2009 was hosted by the Dept. of Electrical Engineering of NDHU and co-sponsored by the Engineering and Technology Promotion Center of National Science Council (NSC), Communications Engineering Program of NSC, IEEE Taipei Section, IEEE Information Theory Society (ITSoc) Taipei Chapter,

IEEE Communications Society (ComSoc) Taipei Chapter, IEEE Tainan Section, IEEE ComSoc Tainan Chapter, and Ting-Shiun Telecommunication Development and Education Foundation. More than one hundred and sixty people from academia and industry attended the workshop. The technical program included eight invited talks on the latest research results and future developments in the fields of information theory and communications. In addition, Prof. Chin-Liang Wang of National Tsing Hua University (NTHU) (Chair of Communications Engineering Program of NSC), Prof. Chi-chao Chao of NTHU (Chair of IEEE ComSoc Taipei Chapter), Prof. Li-Chun Wang of National Chiao Tung University (Chair of IEEE ITSoc Taipei Chapter), and Prof. Chi-Sung Laih of National Cheng Kung University (Chair of IEEE ComSoc Tainan Chapter) co-hosted a panel discussion on the current status/activities and future perspectives of the NSC program and the three IEEE chapters. Moreover, there was a poster exhibition of 51 NSC projects. The workshop banquet was held in the Taste Restaurant of the Dong Hwa Guest House on the evening of February 4. Bus excursions to local sights were also arranged for the companions of the participants.

ITCOM is held semiannually and has been considered as one of the most influential and successful events in communications/information theory-related areas in Taiwan. Under a relaxed atmosphere in a beautiful surrounding, all participants of ITCOM-Spring 2009 benefited a lot not only from the outstanding invited talks and in-depth panel discussions but also from active technical/social interactions.

Newly Established Chapter & Student Branch

One new Chapter, Taipei Section (Taichung) Systems, Man, & Cybernetics Society Chapter, and one new Student Branch, Student Branch at the National Tsing Hua University, were established respectively. SMC Society Taichung Chapter was founded on 3rd March 2009, and led by Chapter Chair, Prof. Ching-Chih Tsai who expects not only to provide more services and more activities for the IEEE SMCS members in big Taichung area, but also to have closer colleague relationships among them. The new Student Branch is organized by Prof. Po-Tai Cheng and students who are elites in the field of engineering from National Tsing Hua University. In the near future, these students graduated from National Tsing Hua University will have more capability of competition in high technology industry.

Prof. Chin-Teng Lin
Chair, Taipei Section 2009