

IEEE Taipei Section Newsletter

1. 2009 ITCOM

2009 Fall Workshop on Information Theory & Communications (2009 ITCOM) was held from 24-25 August, 2009 in Sun Moon Lake Teachers' Hostel. 2009 ITCOM was hosted by Dept. of EE, Tunghai University, and was cosponsored by ETPC of NSC, Communications Engineering Program of NSC, IEEE Taipei Section, IEEE Information Theory Society Taipei Chapter, IEEE Communications Society Taipei Chapter, IEEE Tainan Section, IEEE Communications Society Tainan Chapter, Dept. of ICE, Chaoyang University of Technology and Institute of CE, Chi Nan University. More than two hundred national experts and graduate students attended the workshop. Eight invited speakers delivered eight talks to introduce the latest research results and future developments for information theory and communications. In addition, Prof. C. L. Wang, Inst. of CE, NTHU (Chair, Communications Engineering Program of NSC), Prof. W. R. Wu, Dept. of EE, NCTU (Vice-Chair, IEEE Communications Society Taipei Chapter), and Prof. L. C. Wang, Dept. of EE, NCTU (Chair, IEEE Information Theory Society Taipei Chapter) were invited to co-host the Panel Discussion of Communications Engineering Program and to depict the prospect of Program projects and the current situation of the three societies. By in-depth discussion, the conclusions drawn can be utilized as references to future research and activities. Moreover, 2009 ITCOM also held the poster exhibition of 73 NSC projects.

2009 ITCOM along with the poster exhibition of NSC projects is the most important activity in communication area nationwide. Attended experts and graduate students can learn and discuss the latest technology for information theory and communications to realize the domestic research situation.



2. 2009 Summer School on Information/Communication Theory and Technologies

2009 Summer School on Information/Communication Theory and Technologies was held at the International Conference Hall of the Microelectronics and Information Systems Research Center, National Chiao Tung University (NCTU), Hsinchu, Taiwan, R.O.C., from August 3 to August 7, 2009. It was sponsored by the IEEE Information Theory Society Taipei Chapter, IEEE Communications Society Taipei Chapter, and IEEE Communications Society Tainan

Chapter, co-sponsored by the Microelectronics and Information Systems Research Center, Institute of Communication Engineering, Department of Electrical Engineering, NCTU, Institute of Communications Engineering, National Tsing Hua University (NTHU), NCTU Communication and Information Software Technology Training Program, Ting-Shiun Telecommunication Development and Education Foundation, and Hsinchu Science Park Administration.

The Summer School provided tutorial lectures on various subjects in the fields of Information Theory and Communications to participants mainly composed of new graduate students in related fields, plus some senior graduate students and people from the industry. This was the fifth time that the Summer School had been held since 2005. It attracted a record-breaking total of 303 participants this year. Nine tutorial lectures were offered: “Introduction to Digital Communication Systems” by Prof. Li-Chun Wang, NCTU, “Information Theory” by Prof. Po-Ning Chen, NCTU, “Detection and Estimation” by Prof. Y.-W. Peter Hong, NTHU, “Channel Coding I” by Prof. Mao-Ching Chiu, National Chung Cheng University, “Channel Coding II” by Prof. Chung-Hsuan Wang, NCTU, “Transmission Technologies” by Prof. Hung-Ta Pai, National Taipei University, “Receiver Technologies” by Prof. Wen-Rong Wu, NCTU, “Multiple-Input Multiple-Output Communications” by Prof. Che Lin, NTHU, “Wireless Systems and Applications” by Prof. Shyue-Win Wei, National Chi Nan University. Those participants who attended all of the nine tutorial lectures could receive a certificate from the Summer School.



The Summer School not only offered tutorial lectures to participants, who would find them beneficial in future study and work, but also provided a platform for information exchange and intercampus collaboration. Considerable registration discounts were offered to IEEE members, thereby attracting 59 new IEEE members due to this event, an increase of 28 new members from last year. Overall, this was a successful event, both in terms of providing tutorial lectures for participants and promotion of IEEE.

Prof. Chin-Teng Lin

Chair, Taipei Section 2009