

## 年度報告2005<sup>e</sup>

### A-1 Executive Summary

*This has been a year of tremendous growth in membership for the IEEE Taipei Section. The section has been aggressive in promoting and assisting the eligible members in applying IEEE High Grade (HG) membership. We have a 29.69% growth in overall membership and a 10.05% growth in HG membership based on the Administration Membership Statistics for the Period beginning Feb 28, 2005 through Feb 22, 2006.*

Grade in IEEE	Feb 28 <sup>th</sup> , 2005	Feb 22 <sup>nd</sup> , 2006	Difference	% Of Growth
Life Fellow	2	3	1	50.00%
Fellow	41	46	5	12.20%
Life Senior	2	3	1	50.00%
Senior Member	174	189	15	8.62%
HG Membership	219	241	22	10.05%
Life Member	2	3	1	50.00%
Member	1371	1710	339	24.73%
Pending Member	15	—	—	—
Associate	88	166	78	88.64%
Student Member	535	772	237	44.30%
Total Active Membership	2230	2892	662	29.69%

Source: IEEE Administration membership Statistics & SAMIEEE

*In 2005, we formed one new chapter – Magnetics Society Taipei/Tainan joint Chapter. Totally, we have 25 chapters now and they are actively functioning. Our website was established in 2002, where guests can find updated conference information, the Section/Chapters/Student Branch news, and the contact list of Taipei Section officers and Chapter Chairs. This website also provides the function of on-line registration, and reference links to IEEE Headquarter web page.*

In 2005, the section had sponsored many activities of society chapters, including one workshop and three conferences. In order to attract and retain student membership, we encourage our student members give oral presentations in the international conferences, and we offer a reimbursement of three thousand NT dollars to each of them for compensating their travel expenses. In 2005, we had 46 student members benefited from this program.

We also co-sponsor the first IEEE 802.16 #39 Wireless Standard Meeting held in

<sup>e</sup> 資料來源：[http://www.ewh.ieee.org/reg/10/Reports/secprep/reports\\_data/TaipeiAR2006\\_0224.pdf](http://www.ewh.ieee.org/reg/10/Reports/secprep/reports_data/TaipeiAR2006_0224.pdf)

*Taiwan took place Sept. 12-15, 2005 and attracted more than 100 companies worldwide, totaling around 300 participants.*

### **Section Sponsored Events:**

■ *IEEE 802.16 #39 Wireless Standard Meeting* held on September 12-15, 2005: The first IEEE 802.16 wireless standard meeting held in Taiwan took place Sept. 12-15, 2005 and attracted more than 100 companies worldwide, totaling around 300 participants.

■ *IEEE International Workshop on Memory Technology, Design, and Testing (MTDT'05)* held on Aug. 3-5,2005: The workshop has solicited 25 technical papers covering all aspects of the enabling technologies of a memory product – from device, design, testing, reliability and yield analysis to mass production. In addition, two papers are especially invited to shed lights on “advanced simulation technology for memory” and to explore a new emerging type of memory called “zero-capacitor DRAM” for System-on-chip applications”

■ *IEEE International Workshop on Cellular Neural Networks* held on May 28-30,2005 in Hsinchu, Taiwan :

This conference is significant in two ways. First, it represents a transition from the bi-annual timing of the CNNA Workshops followed in the past to an annual scheduling.

*Second, it is the first CNNA Workshop held in Taiwan (outside of Europe) in the history of the CNNA Workshop.* In addition to regular and special sessions, this conference featured one keynote talk, four plenary talks, two panel discussions and a live demo session.. This Conference was chaired by Prof. Zen Chen. The technical program was organized by Prof. Chin-Teng Lin, Dr. Csaba Rekeczky and Prof. J. F Yang.

## **A-2 Financial Report**

The financial status of this Section is comfortable for supporting those planned programs. Some of the chapters have contributed a reasonable percentage of their income to this Section. This allows the Section to maintain the routine functions and to sponsor students' and chapter activities. The total income of the Section in 2005 was NT\$5,653,400 including NT\$532,652 of 2005 rebate for 2004 reported activities.

## **A-3 Section Officers (2005-2006)**

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