Electrical & Computer ENGINEERING

SEMINAR

DISTINGUISHED LECTURE SERIES

Friday
September 26, 2003
1112 Hamerschlag Hall
1:30 p.m.
Refreshments - 1:10 p.m.

Dr. Chun-Yen Chang
President
and National Endowed-Chair Professor
at National Chiao Tung University (NCTU)
Hsinchu, Taiwan

Professor Chun-Yen Chang is President and National Endowed-Chair Professor at National Chiao Tung University (NCTU). Professor Chang received his B.S. degree in Electrical Engineering from National Cheng-Kung University, Taiwan, in 1960, and his M.S. and Ph.D. degrees from National Chiao Tung University, Taiwan, in 1962 and 1970, respectively.

Professor Chang has been a teacher and a pioneer in the areas of semiconductor physics, process technology, and element structure since 1960. He has authored more than 30 Taiwanese and international patents, 3 authoritative textbooks and more than 330 articles in international journals. He has supervised over 50 Ph.D. and 300 M.S. students, and has taught the majority of senior semiconductor engineers in Taiwan since 1962. His key research contributions have included carrier transport theory and specific contact resistivity in metal-semiconductor systems (1970, 1971), a method for MOS surface stabilization (1966), the method of low-pressure MOCVD using TEG source (1981), amorphous Si phototransistors (1986), quantum well base transistor (1986), the bipolar-unipolar transition negative resistance transistor (BUNDR) (1987), etc.

Professor Chang is a member of Phi Tau Phi, the American Electro-Magnetics Academy, the Chinese Institute of Electrical Engineers, the American Physical Society, and the Electrochemical Society. He was elected a fellow of IEEE in 1988, for "his contribution to semiconductor devices development and to education." He has been a member of Academia Sinica since 1996 and a foreign associate of the United States National Academy of Engineering since 2000. He has served as a National Policy Advisor to the Office of the President, R.O.C. since 2000 and as the Science and Technology Advisor to the Executive Yuan, R.O.C. since 1998. Examples of his recent international recognitions include the International Leadership in Technology Management (LTM) Award on Education in 2003 and the IEEE Third Millennium Medal in 2000.

Strive for the Center of Excellence

We present a coherent set of current research projects at National Chiao Tung University (NCTU)—in the areas of biotechnologies, wireless communication, SoC design, semiconductor, opto-electronics, and nano-technologies—to further propel NCTU to the forefront of academic excellence. NCTU was founded in 1896. The current main campus in Hsinchu, Taiwan was established in 1958. Over the last 45 years, NCTU has become recognized as a center of academic excellence in the development of Information, Communication, Optoelectronics Sciences and Technology. For many years, NCTU has consistently contributed the highest number of IEEE journal articles yearly among institutions worldwide. NCTU's faculty and alumni have made numerous important technical contributions with far-reaching impact on the world economy. Many of today's corporate leaders in internationally renowned companies (Acer, Leo, TSMS, UMC, Cadence, Avanti, Trident, etc.) are NCTU graduates.

For more information:
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http://amp.ece.cmu.edu/ECESeminar/