

Technical Session & Memorial Session

Date: 2025.5.20 Location: TICC Room 102

Technical Session in Honor of Prof. Song-Tsuen Peng	
Session Chair:	
	1571106253: Techniques for Synthesizing Leaky-Wave Antennas with Radiation Nulls: A Brief Review Dongze Zheng (Southeast University, China) Ke Wu (Polytechnique Montréal, Canada)
	1571097127: In Memory of Professor Song-Tsuen Peng: Application of Periodic Structures in High-Speed Circuit Design to Reducing the Crosstalk Chia-Ho Wu (Lunghwa University of Science and Technology, Taiwan) Zhenyu Qian (Zhejiang University of Technology, China)
15:40	
17:10	1571098856: Radar-Absorbing Materials for Stealth Technologies Ruey-Bing Hwang (National Yang Ming Chiao Tung University, Taiwan)
	1571099400: The Mentor of My PhD Pursuit At NCTU Chi-Ming Hsiao (Broadcom, Taiwan) Song-Tsuen Peng (National Yang Ming Chiao Tung University, Taiwan)
	1571101621: A New Approach to Study Electromagnetics: Prof. Song-Tsuen Peng's Dedication in EM Education Heng-Tung Hsu (National Yang Ming Chiao Tung University, Taiwan) Song-Tsuen Peng (National Yang Ming Chiao Tung University, Taiwan)

Prospects and Reflections on the Next Wave of Electromagnetic Education - SAVE - the STP Way	
下一波電磁學教育的展望與思考 - SAVE - 彭松村之道	
	君子風範—追憶松村教授 彭宗平先生 (清華大學教授, 前元智大學校長)
	憶當年初逢時 鄧啟福先生 (交通大學榮譽退休教授, 前交通大學校長)
17:20	
18:45	電信俠客—彭松村 毛治國先生 (交通大學榮譽退休教授, 前行政院院長)
	終身心繫台灣 ITS 發展的推手—彭松村老師 張永昌先生 (遠通公司總經理, 前 ITS 協會理事長) 卓訓榮先生 (交通大學榮譽退休教授, 前中華顧問工程司董事長)
	電磁教育之回顧與展望 吳瑞北先生 (台灣大學特聘教授, 前資策會執行長)
	現場互動

Dr. Song-Tsuen Peng, Life Fellow, IEEE

Professor Song Tsuen Peng (Life Fellow, IEEE) received his B.S. degree in Electrical Engineering, National Cheng Kung University, Taiwan, 1959; then his M.S. degree in Electronics, National Chiao Tung University (NCTU), 1961.

In 1968, he had a Ph.D. degree in Electro-physics from the Polytechnic Institute of Brooklyn, NY, USA. Meanwhile he not only devoted himself to academic research but also developed industrial applications.

From 1983 to 1989, he was a Professor of Electrical Engineering and the Director of the Electromagnetics Laboratory, New York Institute of Technology, NY, USA. During that period, he collaborated with international scholars and organized exchanging-research programs for students.

Around 1990, he headed the Department of Communication Engineering, NCTU. Shortly after he became the Director of the University Research Division, then the Director of the Microelectronics and Information Systems Research Center. During the NCTU period, his main effort was on cross-discipline programs, that were important for research in depth and applications to industrial development.

In 2003, he retired from NCTU and started as a Chair Professor in Department of Communication Engineering, Yuan Ze University. To advance, promote and consolidate, the synergy of academia, industries and research organizations for supporting national hi-tech projects, with the full recognition of YZU, he completed the establishment of the Communication Research Center (CRC) in 2005.

Dr. Peng had his training in the broad area of Electromagnetics, with applications ranging from microwave to optical and acoustics engineering. Lately he brought the EM discipline into the area of Intelligent Transportation System (ITS). After retiring from YZU, he made himself a motivator and volunteer for the movement of ITS.

In his view, Electromagnetics (EM) Education is the fundamental discipline in engineering, the better the foundation the better the capability in research and development. Hence, besides researching and teaching in advanced topics, he always made time for innovation in EM education.

He was the Founding Chairman, Taipei Chapter of IEEE Electromagnetic Compatibility Society, Member of Sigma Xi, Fellow of SPIE and Life Fellow of IEEE.

Admission to this memorial session is free.

Organization Taiwan Electromagnetic Industry-Academia Consortium,
APEMC 2025



Registration