

# JYUO-MIN SHYU



## **Basic Information and Highest Education**

Jyuo-Min Shyu

- Minister, Ministry of Science and Technology, Taiwan.
- Ph.D., Dept. of EECS, Univ. of California, Berkeley, USA (1984 - 1988)
- BS & MS, Dept., of EE, National Taiwan University, Taiwan (1973 - 1979 )

## **Professional Experiences**

- President, ITRI (2010-2015)
- Vice Chancellor, University System of Taiwan ( 2009-2010 )
- Dean, College of EECS, National Tsing Hua University, Taiwan ( 2007-2010 )
- Researcher, Matsushita Electric ( 1981-1984)

Executive Director of the Board, Cloud Computing Association in Taiwan (2010 – present)

Executive Director of the Board, Chinese Institute of Electrical Engineering (2011 – present)

Chair, Nanotechnology and Microsystems Association, Taiwan (2006 – 2008)

Chair, Taiwan Nanotechnology Industry Development Association (2004 – 2006)

Director of the Board, Taiwan Semiconductor Industry Association (2001 – 2007)

Director of the Board, Taiwan TFT-LCD Association (2001 – 2007)

Director of the Board, Taiwan IC Design Society (2003 – 2010)

Chair, IEEE Taipei Section (2003 – 2004)

Executive Director, Taiwan SoC Consortium (2000 – 2002)

Chair, Chinese Fuzzy Systems Association (1994 – 1995)

## **Publications and Lectures**

1. Kea-Tiong Tang, Shih-Wen Chiu, Meng-Fan Chang, Chih-Cheng Hsieh, and Juyo-Min Shyu, "A Low-Power Electronic Nose Signal-Processing Chip for a Portable Artificial Olfaction System," IEEE Transactions on Biomedical Circuits and Systems, Vol. 5, No. 4, pp. 380-390, Aug. 2011
2. Kea-Tiong Tang, Yi-Shan Lin, and Jyuo-Min Shyu, "A Local Weighted Nearest Neighbor Algorithm and a Weighted and Constrained Least-Square Method for Mixed Odor Analysis by Electronic Nose Systems," Sensors, Vol. 10, Issue 11, pp. 10467-10483, Nov. 2010

## **Honor and Awards**

- Medal of Electrical Engineering, Chinese Institute of Electrical Engineering
- Distinguished R&D Program Leader Award (Ministry of Economic Affairs, Taiwan)
- Outstanding R&D Program Award (Ministry of Economic Affairs, Taiwan)
- W. Z. Shen Memorial Award (Taiwan IC Design Society)
- Fellow, Chinese Society for Management of Technology (Taiwan)
- Fellow, Institute of Electrical and Electronics Engineers (IEEE)