

## BIOGRAPHY

Yu-Ping Lan graduated from National Central University, Taiwan R.O.C. in 1987 with a B. S. degree in Physics. Then she continued two-year research in Optics at the Institute of Optical Science in the same university and received an M.S. degree in 1989.

After graduating with an M. S. degree, Ms. Lan joined the Center for Measurement Standards (CMS), ITRI, as an Associate Researcher in 1989. She participated in a project for developing the confocal laser scanning microscope, which was a contract from the Ministry of Economic Affairs, R.O.C. In this project she was responsible for optical system design and theoretical analysis. Then she was assigned to manage the construction of a gauge block interferometer as an absolute length standard for mechanical industry in Taiwan. Since 1993 she was involved in the R&D project for establishing the optical frequency standards, including laser cooling of calcium atoms and optical communication standard. Later she was appointed as a Researcher in 1995. For the purpose of the optical frequency standards project, she worked in National Institute of Standards and Technology (NIST), USA, as a guest scientist for three months in 1998. She was granted a scholarship by her employer, ITRI, to study in the Department of Photonics and Institute of Electro-Optical Engineering, National Chiao Tung University, Taiwan R.O.C. in 2000. She was assigned to in charge of the iodine stabilized He-Ne laser, a primary length standard in Taiwan, responsible for the international comparison and performance evaluation of the length standard in 2004. She was promoted as a vice manager in charge of Dimensional Measurement Laboratory of CMS in 2005.

Ms. Lan is a member of Optical Society of America (OSA), Institute of Electrical and Electronics Engineers (IEEE), and Chinese Society of Engineers (Taiwan). She received the Outstanding Young Engineers Award of the Chinese Institute of Engineers in 2005.