

## 劉容生 (Yung-Sheng Liu) 博士簡介



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### EDUCATION:

1968-72      PhD      Cornell University (Applied Physics)  
1962-66      BS      National Taiwan University (Physics)

### PROFESSIONAL POSITIONS:

2010-              Vice Chancellor, The University System of Taiwan  
National Tsing Hus University (NTHU)  
2006-09          Director, Institute of Photonics Technologies, NTHU  
2006-09          Director, Center of Photonics Research, NTHU  
2004-06          Deputy Director, Joint Research Center  
NTHU/Industrial Technology Research Institute (ITRI)  
2002-05          Executive Member, Steering Committee, International DVD Forum  
2000-06          Vice President and General Director  
Optoelectronics and System Laboratories, ITRI  
1998-00          Deputy General Director  
Optoelectronics and System Laboratories, ITRI  
1995-97          Adjunct Professor, Physics Department, RPI (Troy, NY)  
1972-98          Senior Scientist, GE Corporate Research and Development Center, USA

### AWARDS AND HONORS:

2008              Optical Engineering Award, Optical Engineering Society, ROC  
2006-              Macronix Chair Professorship, NTHU  
2003              Tung-Yuen Award  
2001              Outstanding PI for large Research Project, Ministry of Economic Affair (MOEA)  
2000              Fellow, Optical Society of America (USA)  
2000              Fellow, Photonics Society of Chinese America (PSC)  
1999              Fellow, ITRI  
1999              "50 R&D Stars to Watch", Industry Week, USA

### PROFESSIONAL SERVICES:

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- 2010- Senior Advisor, Taiwan Optoelectronics Semiconductor Industry Association (TOSIA)
- 2010- Member, Executive Advisor Committee, TEEMA
- 2010- Advisor, Electronics and Optoelectronic Laboratories, ITRI
- 2010- Member, Advisory Committee, National Standard Bureau, MEOA/ROC
- 2010- Member, Advisory Committee, Intellectual Property Committee, Industrial Association, ROC
- 2010- Member, Advisory Committee, Science-based Industry Park, Tainan, ROC
- 2010- Member, Advisory Review Board, Smart Lighting Engineering Research Center, RPI, USA
- 2009- Executive Member, Board of Audit Committee, Physical Society of ROC
- 2007- Executive Member , Board of Audit Committee, Optical Engineering Society, ROC
- 2007- Member of Review Committee, Industrial Development Award, MOEA
- 2007- Member of Review Committee, SBIR, MOEA
- 2007- Member of Review Committee, National Energy Program, NSC
- 2007- Member of Review Committee, National Nano-technology Program, NSC
- 2006/07 Chair, External Review Committee, Institute of Optics and Photonics ,NTU
- 2006 President, Photonics Society of Chinese American, USA
- 2006 Member of Academic Review, Photonics Research Center, Xiamen University
- 2006 Member of Advisory Committee, EE Department, Yuan-Zhe University,
- 2005 Member, Advisory Committee, Institute of Optoelectronic, Nat. Science & Tech. Univ.
- 2005 Chair, Optoelectronics Committee, IEEE, Taiwan Chapter
- 2002-07 President, Optical Engineering Society, ROC

**RESEARCH INTERESTS:**

Optoelectronics semiconductors, solid state lighting, green photonics, optical interconnects,