

盧志遠 (Chih-Yuan Lu) 博士簡介



- **President**
Macronix International Co., Ltd.
- **Chairman & CEO**
Ardentec Corporation
- **Chairman, IC Industry Committee**
CIEE

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Education:

- B.S., Physics, National Taiwan University, Taipei, Taiwan (1972)
- M.A. & M.Ph., Physics, Columbia University, N.Y., N.Y. (1974, 1975)
- Ph.D., Physics, Columbia University, N.Y., N. Y. (1977)

Professional Experience:

- Macronix International Co., Ltd., President (2007-), Senior VP (2003-2007),
Senior Advisor & CTO (1999-2003)
- Ardentec Corp., Co-Founder, Chairman & CEO (1999-)
- Vanguard International Semiconductor Corp., Co-Founder, VP (1994-98), President (1998-99)
- ERSO/Industrial. Tech. Res. Inst., Deputy General Director (1989-94)
- Submicron Project, Chief Director at ITRI granted by MOEA (1990-95)
- AT&T Bell Labs, MTS and Project Leader (1984-89)
- North Carolina State University, Visiting Professor (1983-84)
- National Chiao-Tung University, Assoc. Prof. (1977-81), Full Professor (1981-83)
- Science & Tech Advisory Group, Executive Yuan, Res. Consultant (1979-83)

Honor & Achievement:

- Fellow, IEEE
- Fellow, APS (American Physical Society)
- Academician Member, Asia-Pacific Academy of Materials (APAM)
- IEEE Third Millennium Medal
- Honorary Chair Professor, National Taiwan University
- Fellow, Chinese Society for Management of Technology (CSMOT)

- “National Applied Science & Technology Prize” by the Prime Minister of Taiwan, ROC
- National Invention Award, Ministry of Economics Affairs, Taiwan, ROC
- Pan WenYuan Outstanding Research Award, Pan WenYuan Foundation
- Distinguished Alumni Award, National Chiao-Tung University
- Distinguished Achievement Award, Physics Dept, National Taiwan University
- Distinguished Achievement Award, Chinese Institute of Engineers (CIE-USA)
- Superiority Business Award, ROC Chamber of Commerce
- Individual Special Contribution Awards, AT&T Bell Laboratories

Technical & Academic Service:

- Editor, *IEEE Transaction on Electron Devices* (1994-09)
- President, “*Science Monthly*” Magazine (1978-83)
- Director of Board, Feng Chia University (1999-)
- Editorial Board Member, *Microelectronics Journal* (Elsevier Science), and *Journal of the Chinese Institute Electrical Engineers*
- Chairman, Co-Chairman, Advisory, Program Committee Member of many International Technical Conference & Symposium, i.e. VLSI-TSA, IEDM, EDMS, MPC, ICEM, IRPS, IPFA, SEMICON-Taiwan, etc.
- Chairman, IEEE Electron Devices Society, Taipei Chapter (1991-95)
- Director, Supervisor, IEEE Taipei Sector (1996-00)
- Board Director, Chinese Society for Management of Technology (2006-)
- Board Director, Chinese Institute of Electrical Engineers (2009-)
- Board Director, Executive Secretary, Physical Society of ROC

Professional Service:

- Chairman, Semiconductor Committee, Ministry of Economics Affairs, ROC
- Board Director, TSIA (Taiwan Semicond. Ind. Assoc.) (1995-99, 2004- 08)
- IRC Member, ITRS (Int’l Tech Roadmap for Semiconductors) (2000-)
- Board Director and Supervisor, The Electronics Devices and Materials Association (EDMA) (2005-)
- Chairman, IC Industrial Committee, Chinese Inst. of Electrical Eng. (2009-)
- Board Director, Assoc of Allied Industries in Science Park (1996-99)

Publication & Patent Invention:

- More than **300** Technical Papers in International Journals and Conferences
- More than **140** Invention Patents
- Many Articles in Newspapers or Magazines about Education, Science, Technology, and Public Services
- A Book Chapter: “Process Integration” in book “*ULSI Technology*”, McGraw-Hill Co. (1996)
- A Technical Book: “*ULSI Semiconductor Technology Atlas*”, John Wiley & Sons. Inc. (2003)