

Yen-Shin Lai (M'96–SM'01–F'14) received the M.S. degree in electronic engineering from the National Taiwan University of Science and Technology, Taipei, Taiwan, and the Ph.D. degree in electronic engineering from the University of Bristol, Bristol, U.K.

In 1987, he joined the Department of Electrical Engineering, National Taipei University of Technology, Taipei, where he served as the Chairperson, from 2003 to 2006, and has been a Full Professor, since 1999, a Distinguished Professor, since 2006, and a **Chair Professor, since 2013**.

Dr. Lai received several national and international awards, including the John Hopkinson Premium for the session 1995–1996 from the Institute of Electrical Engineers (IEE), Technical Committee Prize Paper Award from the IEEE IAS Industrial Drives Committee for 2002, the Outstanding Paper Award from the International Conference of Renewable Energy Research and Applications, Nagasaki, Japan, in 2012, and the Best Paper Award from the IEEE PEDS, Kitakyushu, Japan, 2013. He received the Outstanding Research Award (傑出研究獎) from the Ministry of Science and Technology, Taiwan, in 2013 and 2018. He was also awarded the 2018 Prize Paper Award from the IEEE Journal of Emerging and Selected Topics in Power Electronics, TECO Award (東元獎), in 2019, and the Award for Industry Collaboration (國家產學大師獎) from the Ministry of Education, Taiwan, in 2020.

He served as the Secretary of IEEE IAS Industrial Drives Committee, from 2008 to 2009, and the Chapter Chair of IEEE IAS Taipei Chapter, from 2009 to 2010. He served as the Vice-Chair (2010–2013) and Chair (2014-2015) for IEEE IAS Industrial Drives Committee. He also served as

an **Associate Editor** for IEEE Transactions on Industry Applications, from 2008 to 2011, IEEE Transactions on Industrial Electronics, and IET Electrical Power Applications. He also served as the Chair for the Electrical Power Engineering Division, Ministry of Science and Technology, Taiwan, and the **President** of Taiwan Power Electronics Association (TaiPEA), Taiwan, from 2016 to 2018. He served an elected **AdCom Member** of IEEE Industrial Electronics Society (2011–2022), the **Co-Editor-in-Chief** of IEEE Transactions on Industrial Electronics (2020–2023), and an **Editor** of IEEE Journal of Emerging and Selected Topics in Power Electronics (2019–2024).

Dr. Lai has published more than 300 papers and granted more than 90 patents from Taiwan, USA, China and Japan. Dr. Lai has granted research sponsorship from Taiwan, Japan, Singapore and USA, and served as an consultant for numerous companies.

Currently, he is serving as the **independent director** of **Chicony Power Technology, Co., Ltd., Good Will Instrument, Co., Ltd.** and **Allis Electric, Co., Ltd.**

His research interests include **power converters for server, inverters, motor drives, and magnetic components design of power electronics.** Dr. Lai is a *Fellow, IEEE*.