

## Biography of Leung Tsang

Leung Tsang was born and finished high school in Hong Kong. He completed the freshmen year at McGill University, Canada and transferred to the Massachusetts Institute of Technology in 1968. He received the S.B., S.M., and the Ph. D. degrees from the Department of Electrical Engineering and Computer Science of MIT in 1971, 1973 and 1976, respectively.

Presently, he is Professor and Associate Chairman for Education in the Electrical Engineering Department at the University of Washington where he has taught since 1983. He was a Research Engineer at Schlumberger-Doll Research Center in 1976-78 working on acoustic and electromagnetic methods in well-logging for oil and gas exploration. He was a Lecturer and Research Associate at MIT in 1978-80. He was Assistant /Associate Professor at Texas A&M University from 1980-83. Between 2001 and 2004, while on leave from the University of Washington, he was Chair Professor and Assistant Head of the Department of Electronic Engineering at the City University of Hong Kong.

Leung Tsang is the lead author of 4 books. (1) *Theory of Microwave Remote Sensing* (Wiley-Interscience, 1985); (2) *Scattering of Electromagnetic Waves, Vol. 1: Theory and Applications* (Wiley Interscience, 2000); (3) *Scattering of Electromagnetic Waves, Vol. 2: Numerical Simulations* (Wiley Interscience, 2001); and (4) *Scattering of Electromagnetic Waves, Vol. 3, Advanced Topics* (Wiley Interscience, 2001).

Leung Tsang has published more than 200 journal articles. His current research interests are in remote sensing and geoscience applications, signal integrity in interconnects, computational electromagnetics, and channel modeling in wireless communications.

From 1996 to 2001, Professor Tsang was the Editor-in-Chief of the IEEE Transactions on GeoScience and Remote Sensing (TGARS). He was an Associate Editor of TGARS between 1988 to 1995, and from 2002 to present. He was an Associate Editor of Radio Science in 1988-93. He served on the Editorial Board of Waves in Random Media in 1990-96 and presently is on the Editorial Board of Microwave and Optical Technology Letters and the Journal of Electromagnetic Waves and Applications. He is a member of International Union of Radio Science (URSI) Commission B and Commission F.

He was the General Chairman of the 1998 IEEE International Geoscience and Remote Sensing Symposium (IGARSS). He was the Technical Program Chairman of the 1994 IEEE Antennas and Propagation International Symposium and URSI Radio Science Meeting. He was the Technical Program Chairman of the 1995 Progress in Electromagnetics Research Symposium.

Leung Tsang is a Fellow of IEEE and a Fellow of the Optical Society of America. He received the IEEE Geoscience and Remote Sensing Society Outstanding Service Award in 2000. He was also a recipient of the IEEE Third Millennium Medal in 2000.

He is an Honorary Professor of Electronic Engineering at City University of Hong Kong and an Adjunct Professor of Zhejiang University, China.

Leung Tsang was an ex-officio member of IEEEGRSS ADCOM in 1996-2001 and has been an ADCOM member since 2002. He was Executive Vice President in 2004-2005 before becoming President in 2006.