

Dr. Eric Ho
Alan G. Davenport Wind Engineering Group
Boundary Layer Wind Tunnel Laboratory



Year of Joining Laboratory: 1992-1996, 1998
Profession: Civil/Structural Engineering, P.Eng.
Position: Director

RELEVANT EXPERIENCE

H.K. Cheng and Partners Consulting Engineers, 1982-1984
Boundary Layer Wind Tunnel Laboratory, 1986-1996
CLP Wind-Wave Tunnel Facility, Hong Kong University of Science and Technology, 1996-1998
Boundary Layer Wind Tunnel Laboratory, 1998-present

Dr. Eric Ho is a wind engineering expert with 20 years of experience working on more than 200 wind engineering projects. His experience includes tall buildings, bridges, low buildings and transmission line systems. He is very active in the development of the wind tunnel methodologies for design applications. Dr. Ho is a Director at The Boundary Layer Wind Tunnel Laboratory and an Adjunct Professor in the Civil and Environmental Engineering Department at the University of Western Ontario.

EDUCATIONAL AND PROFESSIONAL STATUS

PhD, Civil Engineering, The University of Western Ontario, 1992
Member, Professional Engineers of Ontario, 1988

EXPERIENCE RECORD – Boundary Layer Wind Tunnel Laboratory, 1986-present **Wind Engineering Projects (selected projects)**

Buildings

AIG Tower, Hong Kong
Anhui International Trade Centre, Hefei, China
CCSI Microwave Communications Tower, Canada
Central Plaza, Hong Kong
Clinton Presidential Center, Little Rock, Arkansas
Cyberport Cybercenter, Hong Kong
High Cliff Apartments, Hong Kong
Hong Kong Convention Center and Extension
Italposte Tower, Italy
Jin Mao Building, Shanghai, China
Landmark, Abu Dhabi
Museum of Modern Arts, New York
One Byrant Park, New York
One Peking Road, Hong Kong
Pacific Place, Hong Kong
Police Headquarters, Hong Kong
US Bank Tower, Los Angeles

Bridges

Roosevelt Lake Bridge, Arizona
Helgelands Bridge, Norway
Pereira-Dosquebrada Viaduct, Columbia.
Shinji Shumeikai Bridge, Japan
Tsing Ma Bridge, Hong Kong

Other Studies

Development of transmission line design guidelines
Low building studies
Topographic study, Hong Kong