



Professor C.C. Chan

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Prof. Chan was born in a Chinese entrepreneur family in Indonesia. He received his B.Sc., M.Sc., Ph.D., Honorary Doctor of Sciences and Honorary Doctor of Technology in 1957, 1959, 1982, 1992, and 2008 from China University of Mining & Technology, Tsinghua University, University of Hong Kong, Polytechnic University of Odessa and Loughborough University U.K. respectively. He was elected as IEEE Fellow in 1992 for his prominent contribution to Modern Electric Drives and Electric Vehicles. He was further elected as a Fellow of the Royal Academy of Engineering U.K., the first Academician of the Chinese Academy of Engineering in Hong Kong, Fellow of the Ukraine Academy of Engineering Sciences, and Fellow of the Hong Kong Academy of Engineering Sciences in 1997 and 1996 respectively. Also elected as Honorary Member of the Hungarian Academy of Engineering in 2013.

Over the past five decades, Prof. Chan has divided his time almost equally among universities, industry and professional services, but these aspects have always been linked by a strong symbiotic relationship. He started his engineering career as Assistant Professor in 1959. He was Research Engineer at Hongkong Electric in 1976; Lecturer and Senior Lecturer at Hong Kong Polytechnic from 1978 to 1981. He joined the University of Hong Kong in 1981 as Lecturer, then promoted to Senior Lecturer, Reader, Honda Chair Professor of Engineering, and the Head of the Department of Electrical & Electronic Engineering (1994-2000), where he is now an Honorary Professor. He founded the International Research Centre for Electric Vehicles in 1986, co-founded the World Electric Vehicle Association in 1990 and known as one of the “Three Wiseman” in international electric vehicles community. He has been a Visiting Professor at several prominent universities around the world including the University of California at Berkeley in 1989, MIT in 1995, By-Fellow of Churchill College, Cambridge University in 2001, Special Advisor to the President of Wuhan University, etc. He served also as a Distinguished Lecturer of the Industrial Application Society and Industrial Electronic Society of the Institute of Electrical & Electronic Engineers (IEEE), U.S.A. He was a Member

of the Science and Technology Sector of the National Committee of the Chinese People's Political Consultative Conference (CPPCC); Panelist of "863" Key National Project Plan; Science Advisor to several Provincial Governments. He serves as Senior Consultant or Advisor to leading international automobile, electrical and electronic corporations and as Independent Director of three public listed companies. Prof Chan was invited as an advisor of Oakland Mayor's Task Force on Independent to Oil in 2007. He was appointed as member of Hong Kong SAR Government Steering Committee on Promotion of Electric Vehicles. He founded the International Academy for Advanced Study in China in 2002 to promote the international collaboration for the advancement of science and technology.

He was awarded the IEEE Best Paper Award in 1988; the Alcan Technical Excellence in 1988; Hungarian Electrotechnical Society Outstanding Achievement Award in 1996; Japan National Institute for Environmental Studies 'Distinguished Scientist' Award in 1996; Faraday Memorial Lecturer in India in 1997; the IEE (Institution of Electrical Engineers U.K.) International Lecture Medal in 2000. He was selected by Asiaweek as the Asia's Best Technology Pioneer in 2001; named as "The Father of Asian Electric Vehicles" by magazine "Global View" in 2003; conferred the "Pitamaha (grandfather) of Electric Vehicle Technology" in India in 2006; "Environmental Excellence in Transportation Award" by the Society of Automotive Engineers in 2007; "China Automobile Industry Character" by Societies of Automotive Industry in 2008; Gold Medal by Hong Kong Institution of Engineers in 2010; Outstanding Third Age Citizens Award by the Hong Kong Council of Social Service in 2011; World Federation of Engineering (WFEO) Medal of Engineering Excellence in 2013.

Professor Chan is tireless in professional society activities, holding over 20 posts in local and international professional institutions. He is Fellow of IEEE (U.S.A.), IET (U.K.), and HKIE (Hong Kong). He served as President of the Hong Kong Institution of Engineers (HKIE) in 1999/2000, Vice President of the Hong Kong Academy of Engineering Sciences in 2000 - 2003. He also serves as General Chairman or Steering Committee Chairman of a number of international conferences including the International Conference of Electrical Engineering (ICEE) and the world largest Electric Vehicle Symposium EVS series. He is a keynote speaker at major international conferences.

He authored and coauthored 11 books, over 300 technical papers and holds 10 patents. His book on 'Modern Electric Vehicle Technology' by Oxford University Press (2001) was commented by Power Engineering Journal as "It has the ring of authority..". He is a member of Chief Editorial Board of China Grand Encyclopedia and China Electrical Engineering Canon, invited author of the UNESCO Encyclopedia, Guest Editor of the IEEE Proceedings, Editorial Board Member of IET Journal and International Journal of Electric and Hybrid Vehicles; and Honorary Editor in Chief of Journal of Asian Electric Vehicles.

With his multi-national cultural background and international exposure, Professor Chan has a mission to integrate the strength of East and West for the advancement of science and technology for the human welfare.