



**Chief Scientific Advisor, Ministry of Foreign Affairs,  
Advisor, National Research Foundation,  
Consultant to MINDEF,**

Professor Lui Pao Chuen was appointed to the newly created post of Chief Defence Scientist, Ministry of Defence (MINDEF) in 1986. He retired in 2008 after serving 41 years in MINDEF and 22 years of service in the appointment as Chief Defence Scientist.

He graduated from the University of Singapore in 1965 with a degree in Science, majoring in Physics. In 1971, he was awarded a postgraduate fellowship by MINDEF. He elected to go to the US Naval Postgraduate School and graduated with a Master degree in Operations Research and Systems Analysis in 1973

In 1975, he was appointed Special Projects Director and was responsible for the planning, system engineering and implementation of major weapon systems for the SAF. In 1984, he was appointed acting Director, Joint Operations and Plans Directorate of the Ministry of Defence, in addition to his appointment as Director, Special Projects Organisation. In 1986, he was made Senior Director to set up the Defence Material Organization with the amalgamation of the Material Management Organization and the Special Projects Organization. He was also appointed to the newly created post of Chief Defence Scientist.

Prof Lui was on the board of directors of various Government-linked-companies and Government agencies. Currently, he is holding several appointments including the Director of Singapore Technologies Electronics Ltd since 2004, Chairman of Singapore Technologies Dynamics Pte Ltd since 2000, Chairman of Jurong International Holdings Pte Ltd since 2001, Chairman of Sembcorp Design and Construction Pte Ltd since 2006, **Chairman, Board of Directors, ATREC Pte Ltd since 2006**, Director of Singapore Technologies Kinetic since 2008. He was also a board member of several agencies and institutes including the Tropical Marine Science Institute and CRISP in NUS since 1996, NUS High School Board of Governors since 2006, Executive Committee for Environmental and Water Technologies since 2006 and Public Utilities Board since 2007, member of Governing Board, Centre of Quantum Technologies, NUS since 2007 and member of the Economic Development Board since 2008.

Prof Lui is an Adjunct Professor of the Faculty of Engineering in NUS since 1990 and recently the College of Engineering in NTU since 2007. His is the Chief Scientific Advisor of the Ministry of Foreign Affairs since 2004 and the Advisor of National Research Foundation since it started in 2006. He was elected to the Academic Council of INCOSE (International Council on Systems Engineering) in 2007. He was recently also appointed Senior Advisor on Systems and Technology to the President in NTU and a Special Advisor to the Office of the President in NUS in 2007. He was appointed as Adviser to the President, Stevens Institute and Innovation and Technology Advisor, JTC Corporation in 2008.

Prof Lui was recipient of a number of awards in the public service sector. He received the SAF Good Service Medal in 1975, The Public Administration Silver Medal (Silver) in 1979, The Public Administration Gold Medal in 1992 and the Long Service Award in 1997 for his 30 years service in Singapore. Prof Lui was appointed The Commander of the Royal Order of the Polar Star in Sweden in 1994. He was also appointed Senior Fellow in 2000 and was awarded the Distinguished Alumni Award in 2002 by the US Naval Postgraduate School. He was also inducted into the Naval Postgraduate School Hall of Fame. Prof Lui received a Teaching Excellence Award by Faculty of Engineering in NUS. He also received the Distinguished Science Alumni Award and Outstanding Service Award in 2005 and 2007 respectively from NUS. In 2008 he was elected to be an Honorary Fellow of the Institution by the Institution of Engineers, Singapore.

In 2002 he was awarded the National Science and Technology Medal. The citation read "For his outstanding leadership in the build up of science and technology capability for the nation and its exploitation for major systems of national impact"