

Dr Richard Kwok Wai Onn, Executive Vice President / Chief Technology Officer ST Kinetics

Dr Richard Kwok was appointed Executive Vice President and Chief Technology Officer, Singapore Technologies Kinetics Ltd (ST Kinetics) since 2005. ST Kinetics is the land systems and specialty vehicles arm of Singapore Technologies Engineering, a company listed on the Singapore Exchange.

Dr Kwok has more than thirty-eight years of diverse working experience. He has a concurrent appointment as Chief Executive Officer with Advanced Technology Research Centre (ATREC, a JV between Defence Science Organisation and Singapore Technologies since April 2006).

Dr Kwok is an engineer, a technologist, an academia, and a researcher. His areas of interest and research include robotic technologies, survivability & protective technologies, nano & novel materials, power transmission, weapon platform, renewable energy, Intellectual property and business management.

Dr Kwok is also the chairman of Intellectual Property Right Committee in Singapore Technologies Engineering since 2000. He was appointed as Adjunct Professor with Southern Cross University since 2000 and also served as Adjunct Associate Professors with the Nanyang Technological University and the National University of Singapore in 1999 and 2005 respectively.

Dr Kwok has a Master of Science in Automotive Engineering (1987), from Cranfield University in the United Kingdom. During his course of study at Cranfield University, he received the Rootes Prize award. He was also conferred a Ph.D. in Technology Management in 2000 from University of Southern Australia.

Dr Kwok was the recipient of the prestigious Defence Technology Prize 2002 (Individual Engineering Award), in recognition of his outstanding contributions to the Defence Industry. He was also awarded the Defence Technology Prize (Team) Award by the Ministry of Defence Singapore, for the development of the Bionix Infantry (1999) and the Cheng Fook Choon Gold Award in Engineering Process Innovation & Improvement by Singapore Technologies, for developing a collaborative engineering process used in the development of weapon systems in Singapore Technologies Kinetics (1997). In December 2006, he also won the Lifelong Learner Award.

Since 1995, Dr Kwok serves in the following Boards:-

1. Member of the Advisory Committee of Mechanical Engineering, Ngee Ann Polytechnic from April 1995 to 2007
2. Advisory member of the Nanyang Technological University at the School of Material Engineering in 2005
3. Member of the Board of Governor of Intellectual Property Academy since January 2007 to March 2012
4. Member of the Advisory Board of Temasek Polytechnic since April 2007
5. Supervisory Board of Solar Energy Research Institute of Singapore (SERIS) since March 2008
6. Member of Local Evaluation Panel of National Research Foundation (NRF) Competitive Research Programme since June 2008

7. Member of the Consultative Committee in NUS with the Department of Technology Management since September 2008
8. Co-Chairman of Solar Energy Test-Bedding and Application Centre (SETAC) since October 2008
9. Chairman of Advanced Composites Engineering Laboratory (ACEL) since July 2010
10. Co-Chairman of Applied Material Engineering Centre (AMEC) since September 2010
11. Adjunct Professor, School of Science & Technology at SIM University (UniSIM) since March 2011
12. Council member of Institute of engineers Singapore since 2011
13. Vice President of Institute of Engineers Singapore since 2012
14. Fellow member of Institute of Engineers Singapore
15. Chairman of IES, NCEO Committee since 2012
16. Chairman of IES NED 2012 Organising Committee since 2012
17. Chairman of IES, Research, Technology and Standards Group since 2012

Dr Kwok also concurrently owns the following portfolio: -

1. Director of Nanoscience Innovation Pte Ltd since 2005
2. Director of Advanced Material Engineering Pte Ltd since 2006