

Professor Siew Chong TAN

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Siew Chong TAN is a Professor of Department of Electrical and Electronic Engineering at the University of Hong Kong, Hong Kong SAR. He was born and raised in Singapore. He received his B.Eng. (Honors) and M.Eng. degrees in Electrical Engineering from the National University of Singapore, Singapore, and subsequently his Ph.D. in Electronic and Information Engineering from the Hong Kong Polytechnic University.



Previously, TAN worked as an academic at the Hong Kong Polytechnic University and as a Senior Scientist at A*Star Singapore. He has spent time as a visitor at Grainger Center for Electric Machinery and Electromechanics, University of Illinois at Urbana-Champaign, U.S.A. and Huazhong University of Science and Technology, Wuhan, China.

TAN specialises in power electronics, control, and smart grid technologies. He has published works in nonlinear and sliding mode control applications, LED drivers and lighting control, electric springs, resonant converters, and switched-capacitor converters. His research outputs include 3 research monographs, 2 book chapters, 158 journal papers, and 117 conference papers. He has been granted 29 patents from 13 inventions.

TAN is a Fellow of IEEE. He has been ranked top 1% highly cited scholar according to ESI since 2017. In particular, he is consistently ranked within top 200 out of over 110,000 scientists in the Field of Electrical Engineering in the Stanford University Top 2% Scientists list. Another ranking system ScholarGPS ranks him world number 66 in Electric Power.