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Prof. Danai Torrungrueng received his B.Eng. degree in electrical engineering from Chulalongkorn University, Bangkok, Thailand, in 1993. He obtained his M.S. and Ph.D. degrees in electrical engineering from The Ohio State University, Ohio, USA in 1996 and 2000, respectively. From 1995 to 2000, he was a Graduate Research Assistant (GRA) in the Department of Electrical Engineering, ElectroScience Laboratory, The Ohio State University. Prior to joining Asian University in Thailand in 2002, he worked as a senior engineer in the USA, involved in research and development of the urban propagation modeling project. At present, he is a professor in the Department of Teacher Training in Electrical Engineering in the Faculty of Technical Education at King Mongkut's University of Technology North Bangkok, Bangkok.

In 2000, he won an award in the National URSI Student Paper competition at the 2000 National Radio Science Meeting in Boulder, Colorado. During 2004 to 2009, he invented generalized Smith charts, called T-charts or Meta-Smith charts, for solving several problems associated with conjugately characteristic-impedance transmission lines (CCITLs) and bi-characteristic-impedance transmission lines (BCITLs), including their useful applications in applied electromagnetics. He authored *Meta-Smith Charts and Their Potential Applications* (Morgan & Claypool, 2010) and *Advanced Transmission-Line Modeling in Electromagnetics* (Charansanitwong Printing, 2012). His research interests are in the areas of electromagnetic sensors, fast computational electromagnetics, rough surface scattering, propagation modeling, electromagnetic wave theory, microwave theory and techniques and antennas. He is currently a senior member of the IEEE, and a member of the ECTI, where he had served as an ECTI technical chair in electromagnetics from 2014 to 2017. In addition, he served as a TPC co-chair of TJMW2016, a vice co-chair of TJMW2017 and the TPC chair of ISAP2017. Furthermore, he is a co-founder of the Innovative Electromagnetics Academy of Thailand (iEMAT) founded in 2013 (<http://www.iemat.org/>).