

Seminar on

Recent RF and Antennas Research Progress at NUS

by

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Abstract

In this talk, I would mainly cover my recent research progress on 60-GHz antennas in package. Antennas-in-package are popular for radio-in-package solutions. Integrated broadband circularly-polarized patch antenna arrays using the LTCC technology for 60-GHz applications will be discussed. The L-probe and U-slot bandwidth widening techniques will also be demonstrated to design wideband 60-GHz antennas. Moreover, I would briefly introduce my other research activities including inductive wireless power transmission and RF energy harvesting, and MMIC device modeling and designs.

Biography

Yong Xin Guo joined the Department of Electrical and Computer Engineering, National University of Singapore, as an Assistant Professor in February 2009. He received the Ph.D. degree from City University of Hong Kong in electronic engineering in 2001. From September 2001 to January 2009, he was with the Institute for Infocomm Research, Singapore, as a Research Scientist. From July 2004 to January 2009, he was an adjunct Assistant/Associate Professor of the National University of Singapore. He has authored or co-authored 106 international journal papers and 120 international conference papers. Thus far, his publications have been cited by others more than 870 times and the H-index is 19 (source: Scopus). He holds one Chinese Patent and one U.S. patent. His current research interests include microstrip antennas, RF circuits and MMIC, and RF wireless power. He was a recipient of the Young Investigator Award 2009, National University of Singapore.

Date : 25 Jun., 2012 (Monday)
Time : 05:00pm – 06:00pm
Venue : G6302, Academic 1 Building,
City University of Hong Kong

***** ALL ARE WELCOME *****

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