

## Dr Yong Xin Guo



PhD CityU HK, MEng, BEng NUST,  
FIEEE

### Associate Professor

Department of Electrical and Computer  
Engineering  
4 Engineering Drive 3  
National University of Singapore  
Singapore 117576

Tel: +65-6516-2086

Fax: +65-6779-1103

Email: [eleguoyx@nus.edu.sg](mailto:eleguoyx@nus.edu.sg)

Office: E4-07-15

Dr Yong Xin Guo joined the Department of Electrical and Computer Engineering, National University of Singapore (NUS), as an Assistant Professor in February 2009 and was promoted to an Associate Professor with tenure in Jan 2013. He received the B.Eng. and M.Eng. degrees from Nanjing University of Science and Technology, Nanjing, China, and the Ph.D. degree from City University of Hong Kong, all in electronic engineering, in 1992, 1995 and 2001, respectively. From September 2001 to January 2009, he was with the Institute for Infocomm Research, Singapore, as a Research Scientist. He has authored or co-authored 206 international journal papers and 195 international conference papers. Thus far, his publications have been cited more than 6467 times and the H-index is 45 (source: Google Scholar). He holds one Chinese Patent, one U.S. patent and one filed PCT patent and 6 filed Chinese Patents. His current research interests include microstrip antennas for wireless communications, implantable/wearable antennas, antennas on flexible substrates, 3D printed antennas, low-temperature co-fired ceramics (LTCC)-based system-on-package technology and antennas in package, MMIC modeling and design, RF energy harvesting and wireless power for biomedical applications, RF localization, satellite SAR and Radar applications. He has graduated 12 PhD students at NUS.

Dr Guo is the General Co-Chair for 2017 Asia Wireless Power Transfer Workshop and was the General Chairs for ACES-China 2017, IEEE MTT-S IMWS-AMP 2015, and IEEE MTT-S IMWS-Bio. He served as a Technical Program Committee (TPC) co-chair for IEEE MTT-S IMWS-AMP 2017 and IEEE MTT-S RFIT 2009. He has been a TPC member and session chair for numerous conferences and workshops. He is serving as Associate Editors for IEEE Journal of Electromagnetics,

RF and Microwave in Medicine and Biology (JERM), IEEE Antennas and Wireless Propagation Letters (AWPL), and Electronics Letters. He was a recipient of the Young Investigator Award 2009, National University of Singapore. He received 2013 Raj Mittra Travel Grant Senior Researcher Award. He received the Best Poster Award in 2014 International Conference on Wearable & Implantable Body Sensor Networks (BSN 2014), Zurich, Switzerland. He is a co-recipient of of Design Contest Award of the 20th International Symposium on Low Power Electronics and design (ISLPED), Rome, Italy, July 2015. His PhD students received Best Student Paper Awards from AWPT2017, IEEE MTT-S IMWS-Bio 2015 in Taiwan, IEEE iWEM 2013 in Hong Kong, 2011 National Microwave and Millimeter-Wave Conference at Qingdao, China and IEEE ICMMT 2010 in Chengdu, China. He is an IEEE Fellow (class of 2018).

Note that slides for Dr Yongxin Guo's research activities summary can be downloaded [here](#).

Dr Yongxin Guo's publication citation on Google Scholar:

<https://scholar.google.com.sg/citations?user=Htm-MoMAAAAJ&hl=en>