

# IEEE MTT-S Outstanding Young Engineer Award



*Simone Bastioli*

For outstanding early career contributions to innovative (new) concepts in microwave filter topology.

Simone Bastioli received the Ph.D. degree in electronic engineering from the University of Perugia, Italy. He is the Acting Chief Engineer at RS Microwave Company, Butler, NJ, United States, where he is responsible for the design and development of innovative microwave filters, multiplexers, and switched filter banks, as well as complex sub-assemblies for military applications. He is an IEEE MTT-S Distinguished Microwave Lecturer, and he serves as vice chair of the MTT-8 Technical Committee as well as Associate Editor of the IEEE Microwave Magazine. In 2012 he was awarded the IEEE Microwave Prize for the invention of TM dual-mode cavity filters.

*Changzhi Li*

For contributions to low-power smart radar sensors that improves the quality of life.

Changzhi Li received the Ph.D. degree from the University of Florida in 2009. In the summers of 2007–2009, he was first with Alereon and then Coherent Logix, where he worked on ultrawideband transceivers and software-defined radio, respectively. He is currently an Associate Professor at Texas Tech University. His research interests include biomedical and sensing applications of microwave technology. He is an associate editor for the IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, and an associate editor for the IEEE Transactions on Circuits and Systems I. He is the TPC co-chair for the 2018 IEEE IMBioC.



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*Nils Pohl*

For outstanding early career contributions to the microwave profession, especially to millimeter-wave integrated circuits and radar techniques.

Nils Pohl (GSM'07–M'11–SM'14) received the Dipl.-Ing. and Dr.Ing. degrees in electrical engineering from Ruhr University Bochum, Bochum, Germany, in 2005 and 2010, respectively.

In 2013, he became Head of the Department of Millimeter Wave Radar at the Fraunhofer FHR, Germany, and in 2016, became full Professor at the Ruhr-University Bochum, where he holds the Chair for Integrated Systems.

His main fields of research are concerned with circuits and systems for ultra-wideband millimeter-wave radar. He is the author or co-author of more than 150 scientific papers and has issued several patents.

*Maciej Wojnowski*

For leadership and contributions to the fields of millimeter-wave packaging and passive device characterization.

Maciej Wojnowski received the M.Sc. degree in electrical engineering from the Technical University of Gdańsk, Poland, and the Ph.D. degree from the University of Erlangen-Nuremberg, Germany, in 2004 and 2011, respectively. He has been with Infineon Technologies AG, Munich, Germany, since 2005, and has been working in development of RF and millimeter-wave passives and antennas for system-in-package applications. He was responsible for electrical characterization of the embedded Wafer Level Ball Grid Array (eWLB) technology. He is currently Principal Engineer and the Head of Electromagnetic Simulation and Characterization at Infineon Technologies AG. He has authored or co-authored more than 50 papers and holds numerous patents. His research interests include package characterization, antenna and passive device integration, calibration and de-embedding techniques, and computational electromagnetics.

