

Editorial

OUR EDITING team is key to the success of this TRANSACTIONS. The Associate Editors who commit to a term of service are dedicated individuals who work on a strictly voluntary basis to ensure the high quality of the manuscripts that are published; this is not only a serious commitment, but also ensures the continued success of the journal. The term of each Associate Editor varies because each handles a total of roughly 200 papers during their term of office. Our current team of Associate Editors includes Daniël De Zutter, Ian Gresham, Wolfgang Heinrich, Wei Hong, Robert W. Jackson, Jen-Tsai Kuo, Youngwoo Kwon, Jenshan Lin, Mauro Mongiardo, Jose Carlos Pedro, Zoya Popović, Dick Snyder, and Chi Wang.

We would like to thank our indispensable team of Associate Editors for the time that they give freely and voluntarily to this TRANSACTIONS. Their work is important to us all.

DYLAN WILLIAMS, *Editor-in-Chief*
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Daniël De Zutter (M'92–SM'96–F'01) is a Full Professor of Electromagnetics with the Engineering Faculty of Ghent University, Gent, Belgium. Over the past four years, he has served as Dean of the Engineering Faculty and is currently the Head of the Department of Information Technology, Ghent University. His research focuses on all aspects of circuit and electromagnetic modeling of high-speed and high-frequency interconnections and packaging, electromagnetic compatibility (EMC), and numerical solutions of Maxwell's equations.



Ian Gresham (S'91–M'93–SM'03) joined the Boston Design Center, NXP Semiconductors, Boston, MA, as Director of Research and Development. His research interests have focused on the commercialization of millimeter-wave systems with a particular emphasis on automotive radar. His research has also focused on the deployment of Si-based integrated circuits as an enabling technology for millimeter-wave transceiver chipsets, initially at 24 GHz.



Wolfgang Heinrich (M'84–SM'95–F'09) has been with the Ferdinand-Braun-Institut (FBH) Berlin, Germany, since 1993, as Head of the Microwave Department and Deputy Director. Since 2009, he has also been a Professor with the Technical University of Berlin. His current research activities focus on monolithic microwave integrated circuit (MMIC) design with emphasis on GaN power amplifiers, millimeter-wave packaging, and electromagnetic simulation.



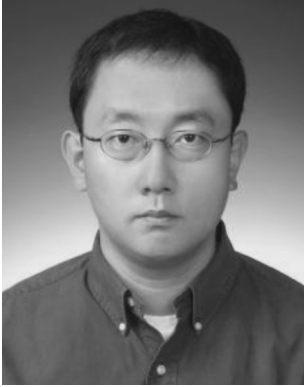
Wei Hong (M'92–SM'07) has been with the State Key Laboratory of Millimeter Waves, Southeast University, Nanjing, China, since 1998 and has been the Director since 2003. He is currently a Professor and the Associate Dean of the School of Information Science and Engineering, Southeast University. His research interests include numerical methods for electromagnetic problems, millimeter-wave theory and technology, antennas, electromagnetic scattering, inverse scattering and propagation, RF front-ends for mobile communications, and interconnect parameter extraction.



Robert W. Jackson (M'82–SM'88–F'04) joined the faculty of the University of Massachusetts at Amherst, in 1982 and is currently a Professor of Electrical and Computer Engineering. His primary research and teaching interests center on microwave and millimeter-wave electronics, especially integrated circuits. He has specifically contributed in the areas of numerical modeling of microstrip and coplanar waveguide circuits, novel circuit structures, and the modeling of packages for microwave and millimeter-wave integrated circuits. His current interests include miniature low-cost devices for sensing applications, active antennas, and high-frequency CMOS.



Jen-Tsai Kuo (S'88–M'92–SM'03) has been with the Department of Communication Engineering, National Chiao Tung University, Hsinchu, Japan, where he has been a Professor since 1984. His research interests include analysis and design of microwave integrated circuits and numerical techniques in electromagnetics.



Youngwoo Kwon joined the faculty of the School of Electrical Engineering, Seoul National University, Seoul, Korea, in 1996, where he is currently a Professor. His research interests include microwave integrated circuits and systems, RF microelectromechanical systems (MEMS), power amplifier design, nonlinear device modeling, and biomedical application of microwaves.



Jenshan Lin (S'91–M'91–SM'00–F'10) joined the University of Florida, Gainesville, in 2003, as an Associate Professor, and became a Professor in August 2007. His research interests include sensors and biomedical applications of microwave and millimeter-wave technologies, wireless energy transmission, RF system-on-chip integration, and integrated antennas.



Mauro Mongiardo (M'91–SM'00) has been a Full Professor with the University of Perugia, Perugia, Italy, since 2001. His research interests include numerical methods to model electromagnetic (EM) fields, in particular for computer-aided design (CAD) of microwave and millimeter-wave passive components. He is also interested in the development of new designs for microwave components and filters.



Jose Carlos Pedro (S'90–M'95–SM'99–F'07) is currently a Full Professor with the University of Aveiro, Aveiro, Portugal. He is also a Senior Research Scientist with the Institute of Telecommunications, University of Aveiro. His main scientific interests include active device modeling and the analysis and design of various nonlinear microwave and opto-electronics circuits, in particular, the design of highly linear multicarrier power amplifiers and mixers.



Zoya Popović has been with the University of Colorado at Boulder, since 1990, where she is currently the Hudson Moore Jr. Chaired Professor with the Department of Electrical, Computer, and Energy Engineering. Her research interests include high-efficiency, low-noise, and broadband microwave and millimeter-wave circuits, quasi-optical millimeter-wave techniques for imaging, smart and multibeam antenna arrays, intelligent RF front ends, RF optics, and wireless powering for batteryless sensors.



Dick Snyder (S'58–M'63–SM'80–F'97–LF'05) is President of RS Microwave, Butler, NJ, where he combines the business of filters with the pleasures of the technical discipline. His interests include teaching the filter subject matter. He also enjoys authoring, reviewing, and editing manuscripts with filters and related structures as subject matter.

Dr. Butler is currently vice president of the IEEE Microwave Theory and Techniques Society (IEEE MTT-S).



Chi Wang (S'95–A'97–SM'98) has been with the Orbital Sciences Corporation, Sterling, VA, for eight years, where he is currently a Program Director. His current research interests include satellite and wireless communication systems, advanced microwave resonator and filter technology, numerical technology, and computer-aided design of advanced RF and microwave circuits for wireless communication systems.