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Biography

Prof. Jiasheng Hong received the D.Phil. degree in engineering science from the University of Oxford, Oxford, U.K., in 1994. His doctoral dissertation concerned EM theory and applications. In 1994, he joined the University of Birmingham, Birmingham, U.K., where he was involved with microwave applications of high-temperature superconductors, EM modelling, and circuit optimization. In 2001, he joined the Department of Electrical, Electronic and Computer Engineering, Heriot-Watt University, Edinburgh, U.K., and is currently a Professor leading a team for research into advanced RF/microwave device technologies. He has authored and coauthored over 200 journal and conference papers in this field, and has published four relevant books – *Microstrip Filters for RF/Microwave Applications* (Wiley, 1st ed., 2001, 2nd ed., 2011), *RF and Microwave Coupled-Line Circuits* (Artech House, 2nd ed., 2007), *Balanced Microwave Filters* (Wiley, 2018), and *Advances in Planar Filters Design* (The Institution of Engineering and Technology (IET), 2019). His current interests involve RF/microwave devices, such as antennas and filters, for wireless communications and radar systems, as well as novel material and device technologies including multilayer circuit technologies using package materials such as LCP and LTCC, Additive manufacturing or 3D printing device technologies, RF MEMS, ferroelectric and high-temperature superconducting devices.

Professor Hong is a Fellow of IEEE, a member of the IEEE MTT Technical Committees of Filters and Passive Components and Microwave Superconductivity, the Subject Editor (Microwave) for Electronics Letters, an Associate Editor of IET Microwaves, Antennas & Propagation and IEEE Microwave and Wireless Technology Letters. He was also a past Associate Editor of IEEE Transactions on Microwave Theory and Techniques.

Research outputs

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