Hongsheng Chen Ph.D.

Professor | Doctoral supervisor

Subject Electronic Science and Technology
Department College of Information Science and Electronic Engineering
Position Vice Dean

Phone 86-571-87951013 E-mail hansomchen@zju.edu.cn

Research metamaterials, transformation optics, electromagnetic wave theory & applications

Biography | Publications | Awards | Members | Courses | Highlights | Openings

Dr. Hongsheng Chen is a Chang Jiang Scholar Distinguished Professor in the Electromagnetics Academy at Zhejiang University in Hangzhou, Zhejiang, China. He received the B.S. degree in 2000, and Ph.D. degree in 2005, from Zhejiang University, both in electrical engineering. In 2005, Chen became an Assistant Professor at Zhejiang University; In 2007 an Associate Professor; and in 2011 a Full Professor. In 2014, he was honored with the distinguished "Chang Jiang Scholar" professorship by the Chinese Ministry of Education. He was a Visiting Scientist (2006-2008), and a Visiting Professor (2013-2014) with the Research Laboratory of Electronics at Massachusetts Institute of Technology, USA. Currently he is the Vice-Dean of the College of Information Science and Electronic Engineering, Zhejiang University.

His current research interests are in the areas of metamaterials, antennas, invisibility cloaking, transformation optics, and theoretical and numerical methods of electromagnetics. He is the coauthor of more than 100 international refereed journal papers. His works have been highlighted by many scientific magazines and public media, including Nature, Scientific American, MIT Technology Review, The Guardian, Physorg, and so on. He serves as a regular reviewer of many international journals on electromagnetics, physics, optics, and electrical engineering. He serves on the Topical Editor of Journal of Optics, the Editorial Board of the Nature's Scientific Reports, Progress in Electromagnetics Research, and Journal of Electromagnetic Waves and Applications.

Dr. Chen received the National Excellent Doctoral Dissertation Award in China (2008), the Zhejiang Provincial Outstanding Youth Foundation (2008), the National Youth Top-notch Talent Support Program in China (2012), the New Century Excellent Talents in University of China (2012), the National Science Foundation for Excellent Young Scholars of China (2013), and the National Science Foundation for Distinguished Young Scholars of China (2016). His research work on invisibility cloak was selected in Science Development Report as one of the representative achievements of Chinese Scientists in 2007.

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