

JIANFENG ZHONG

Prof. Jianfeng Zhong received his Ph.D. in Mechatronics Engineering from the School of Mechanical Engineering and Automation, Fuzhou University, in 2018. He was a Senior Research Fellow at the University of Huddersfield in 2023 and is currently a Professor at Fuzhou University. His research focuses on intelligent sensing and fault diagnosis based on optical and vision measurement technologies. He has been principal investigator of 14 national and provincial research projects, including projects funded by the National Natural Science Foundation of China, making important contributions to structural dynamic measurement. He has developed a series of vision-based measurement methods and systems for multi-dimensional dynamic parameter sensing by using cameras and displacement-sensitive fringe patterns, which are especially applied to 3D vibration and rotational parameter measurement of rotating shafts. Prof. Zhong has authored or co-authored more than 60 academic papers and holds 30 Chinese invention patents and 1 US patent. His academic honors include the Outstanding Doctoral Dissertation Award from the 9th Chinese Mechanical Engineering Society, as well as 2 First Prizes and 1 Third Prize of Fujian Provincial Science and Technology Progress Award.