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Professor Jianmin Miao received his bachelor degree from the Tongji University, Dipl.-Ing. and Dr.-Ing. degree in Microelectromechanical Systems (MEMS) from the Darmstadt University of Technology, Germany. After spending several years in industry for sensor/MEMS development, he joined the Nanyang Technological University in 1998 to establish the Micromachines (MEMS) Centre as the Founding Director. Professor Miao has collaborated with MIT at the Singapore-MIT Alliance for Research and Technology (SMART) since 2007 and was a visiting professor at MIT in 2013. He has been a distinguished visiting professor at the Shanghai Jiantong University since October 2013. He has authored or co-authored nearly 400 papers in international journals and conferences, several book/chapters, and holds 25 patents. He is the member of the editorial board of the Sensors and the Journal of Microelectromechanical Systems, has served as Chair and Co-Chair of MEMS/nanotechnology international conferences, technical committee member of international conferences, including the IEEE-MEMS and Transducers conference. He was invited by several international MEMS/Nanotechnology conferences as plenary speaker, keynote lecturer, and invited speaker. He is also actively involved in MEMS commercialization and co-founder of MEMS startups.