Dr. Haixia (Alice) Zhang, Professor, School of Integrated Circuit, Peking University. Dr. Zhang received her Ph.D. degree in Mechanical Engineering from the Huazhong University of Science and Technology in 1998. After finishing her postdoctoral research at Tsinghua University from 1999-2001, she joined Peking University in 2001. From 2004 to 2006, she was a visiting professor at the University of California, Davis/Berkeley, and Case Western Reserve University. Dr. Zhang is active in the field of micro and nanotechnologies with a focus on micro-energy devices and smart systems. She is an Editorial board member of IEEE-JMEMS, IEEE-TANO, Microsystems & Nanoengineering, IET MNL, etc. She is a co-author of 300 peer-reviewed scientific publications, 9 books/book chapters, and co-invented 42 patents (including 5 US patents). She is the General Chair of IEEE MEMS2021, IEEE NEMS2021, and served as organizing chair of Transducers2011 Beijing. Additionally, she is the founder of **iCANX Talks.**

Dr. Zhang won the National Invention Award of Science & Technology in 2006, Education Award in 2013 and 2017 in Beijing City, Geneva Invention Gold Medal in 2014. She was honored as the Excellence Teachers in Beijing in 2017, and Top 10 supervisors at Peking University in 2017. She won the Medal of May Day in 2018. She won the 2nd prize of the National Education Award 2018 and was elected as a member of the Innovation Education Committee in the Chinese Ministry of Education in 2018. She was listed in Forbes's Top 50 Female Scientists in China in 2020, Nano Energy Award 2021.