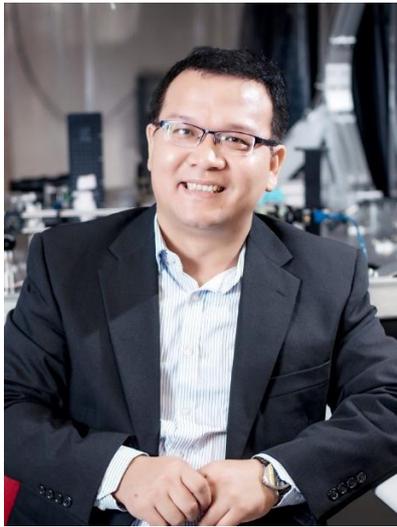


Title of my presentation

**Wavefront shaping-empowered high-resolution optical focusing and stimulation
at depths in biological tissue**



Dr. Puxiang Lai received his Bachelor from Tsinghua University in 2002, Master from Chinese Academy of Sciences in 2005, and PhD from Boston University in 2011. After that, he joined Dr. Lihong Wang's lab in Washington University in St. Louis as a Postdoctoral Research Associate. In September 2015, he joined Department of Biomedical Engineering at the Hong Kong Polytechnic University as a Tenure-track Assistant Professor and was promoted to Tenured Associate Professor most recently. Dr. Lai's research focuses on the synergy of light and sound as well as its applications in biomedicine, such as wavefront shaping, photoacoustic imaging, acousto-optic imaging, and computational optical imaging. His research has fueled more than 50 top journal publications, such as Nature Photonics, Nature Communications, and Advanced Sciences. He has been invited to give more than 60 seminars or invited talks worldwide. Since 2015, his research has been continuously supported by national and local funding agents in Mainland China and Hong Kong SAR, with accumulated allocated budget of more than 24 million Hong Kong dollars. Dr. Lai was awarded the 12th Chinese National Youth Talent and the 2016-2017 Hong Kong RGC Early Career Award. Currently, Puxiang serves as Associate Editor of Journal of Visual Computing

for Industry, Biomedicine, and Art (VCIBA), Editorial Member of Journal of Innovative Optics in Health and Science (JIOHS), Topic Editor of Medicine in Novel Technology and Devices (MEDNTD), and Committee Member of the Biomedical Optics Panel in the Chinese Society of Biomedical Engineering.