

SHORT BIO

Philip Feng is currently a Wally Rhines Endowed Professor in Department of Electrical & Computer Engineering (ECE) and a Graduate Faculty Professor in Department of Physics at University of Florida (UF), Gainesville, FL, USA. He received his Ph.D. in Electrical Engineering from California Institute of Technology (Caltech) in 2007. His group's research has been primarily focused on device physics and engineering of resonant micro/nanoelectromechanical systems (MEMS/NEMS) and optomechanical transducers for information processing in both classical and quantum regimes, by harnessing properties of new materials and coherent signal transduction schemes, especially those in wide/ultrawide-bandgap (WBG/UWBG) materials, 2D materials and heterostructures. He has graduated 19 Ph.D. students, mentored >15 postdoctoral scholars, and supervised over 16 M.S. students with theses or research projects. His research and education endeavors have been recognized by various awards including the National Academy of Engineering (NAE) Grainger Foundation Frontiers of Engineering (FOE) Award, the National Science Foundation (NSF) CAREER Award, the Presidential Early Career Award for Scientists and Engineers (PECASE), and several Best Paper Awards (with his students) at IEEE, Hilton Head Workshop, and other international conferences. He has served on the international steering committee (ISC) for *IEEE MEMS* and *Transducers* conferences, and the executive and/or technical program committees for *IEEE IEDM*, *MEMS*, *Transducers*, *IFCS-EFTF*, etc. He has served as conference chair for *IEEE MEMS 2021* and *IEEE IFCS 2026*. He has been an organizer and co-chair for the SiC+X Workshop (a forum focused on the frontiers of SiC & related materials, devices, & systems) since 2017. He co-organized and co-chaired the *Florida Semiconductor Week 2023*, the *Florida Quantum Summit 2025*, and the *UF Quantum Day 2025*. For more information, please see www.ece.ufl.edu/philip-feng and [Google Scholar](https://scholar.google.com/citations?user=...).