Challenges and Opportunities of HCI on Novel Smart Devices

**ABSTRACT**

As the era of the Internet of Things arrives, novel smart devices are springing up. Compared with such conventional smart devices as smartphones and tablets, these devices are distinctive in appearance, size, function and hardware architecture. Although they have brought conveniences to users’ lives, their unique features have also rendered their interaction with users ever more challenging. As an important entrance of IoT, how to interact well with novel smart devices becomes a pressing issue. In this talk, I will share with you our recent research progress related to user authentication, gesture control and texts input.

**BIOGRAPHY**

Prof Kaishun Wu is a distinguished professor in Shenzhen University. He has co-authored 2 books and published over 100 high quality research papers in international leading journals and primer conferences, like IEEE TMC, IEEE TPDS, ACM MobiCom, IEEE INFOCOM. He is the inventor of 8 US and over 90 Chinese pending patents. He received 2012 Hong Kong Young Scientist Award, 2014 Hong Kong ICT Awards: Best Innovation and 2014 IEEE ComSoc Asia-Pacific Outstanding Young Researcher Award. He won four best paper awards (IEEE GlobeCom 2012, IEEE ICPADS 2012, IEEE MASS 2014, IEEE SECON 2018). His current research interests include Internet of Things (IoT), mobile computing and sensing, wireless communication and networking, as well smart e-health.

All are welcome!