



IEEE Vehicular Technology Chapter Presentation

Recent Advances in Body Area Networks and Industry Applications for Internet of Things

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Abstract: The Internet of Things (IoT), the ultimate in ubiquitous networking, will greatly impact everyone's life in every facet, including entertainment, socialization, business, healthcare and education. In order to enhance the end-user quality of experience, an important challenge is to support broadband last mile coverage with low cost, enabling rich-media delivery. This talk is to introduce some recent industry applications for IoT, as well as some recent advances in the research of Body Area Networks (BANs) deployed with wireless communications technologies for interactive and intelligent healthcare monitoring applications.

Min Chen is a professor in School of Computer Science and Technology at Huazhong University of Science and Technology (HUST). Before he joined HUST, he was an assistant professor in School of Computer Science and Engineering at Seoul National University (SNU) since Sep. 2009. He was a Post-Doctoral Fellow in Dept. of Electrical and Computer Engineering at University of British Columbia (UBC) from Mar. 2006 to Aug. 2009. Before joining UBC, he was a Post-Doctoral Fellow at SNU for one and half years. He has published more than 150 technical papers. Dr. Chen received the Best Paper Runner-up Award from QShine 2008. He serves as editor or associate editor for Wiley I. J. of Wireless Communication and Mobile Computing, Wiley I. J. of Security and Communication Networks, Journal of Internet Technology, KSII Transactions on Internet and Information Systems, IJSNet, etc. He is a managing editor for IJAACS. He was a TPC co-chair of BodyNets 2010. He is a symposia co-chair and workshop chair of CHINACOM 2010. He works as symposia co-chair for IEEE ICC 2012 and IEEE ICC 2013. Currently, he is General Co-Chair for the 12th IEEE International Conference on Computer and Information Technology (IEEE CIT 2012). His research focuses on multimedia and communications, such as multimedia transmission over wireless network, wireless sensor networks, body sensor networks, RFID, ubiquitous computing, intelligent mobile agent, pervasive computing and networks, E-healthcare, medical application, machine to machine communications and Internet of Things, etc. He is an IEEE Senior Member since 2009.

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Invited By Professor Weihua Zhuang