

- [6] W. Li, Y. Cui, X. Cheng, M. Al-Rodhaan, and A. Al-Dhelaan, "Achieving Proportional Fairness via AP Power Control in Multi-Rate WLANs." IEEE Transactions on Wireless Communications, 2011.
- [7] E. Rozner, V. Navda, R. Ramjee, and S. K. Rayanchu, "NAPman: network-assisted power management for wifi devices," in MobiSys, 2010.
- [8] J. Manweiler and R. R. Choudhury, "Avoiding the rush hours: WiFi energy management via traffic isolation," in MobiSys, 2011.
- [9] IEEE-SA, IEEE Std 802.15.4-2006.
- [10] Texas Instruments News Center, TI demonstrates world's first Android development platform bringing ZigBee and ZigBee RF4CE to Smart phones and Tablets, 2011.
- [11] R. Zhou, Y. Xiong, G. Xing, L. Sun, and J. Ma, "ZiFi: wireless LAN discovery via ZigBee interference signatures," in MobiCom, 2010.
- [12] T. Jin, G. Noubir, and B. Sheng, "WiZi-Cloud: Application transparent dual ZigBee-WiFi radios for low power Internet access," in Infocom, 2011.
- [13] TazTag, TPH-ONE, 2012, http://www.taztag.com/PR_TPH-ONE_revMD_V4.pdf.
- [14] K. Chebrolu and A. Dhekne, "Esense: communication through energy sensing," in MOBICOM, 2009.
- [15] IEEE-SA, IEEE Std 802.11-2007.
- [16] A. Rahmati and L. Zhong, "Context-for-wireless: context-sensitive energy-efficient wireless data transfer," in MobiSys, 2007.
- [17] A. J. Nicholson and B. D. Noble, "BreadCrumbs: forecasting mobile connectivity," in MobiCom, 2008.
- [18] G. Ananthanarayanan and I. Stoica, "Blue-Fi: enhancing Wi-Fi performance using bluetooth signals," in MobiSys, 2009.
- [19] E. Shih, P. Bahl, and M. J. Sinclair, "Wake on wireless: : an event driven energy saving strategy for battery operated devices," in MobiCom, 2002.
- [20] N. Mishra, K. Chebrolu, B. Raman, and A. Pathak, "Wake-on- WLAN," in WWW, 2006.
- [21] Y. Agarwal, R. Chandra, A. Wolman, P. Bahl, K. Chin, and R. K. Gupta, "Wireless wakeups revisited: energy management for VOIP over WiFi smartphones," in MobiSys, 2007.
- [22] X. Zhang and K. G. Shin, "E-MiLi: energy-minimizing idle listening in wireless networks," in MobiCom, 2011.
- [23] H. Javaheri and G. Noubir, "iPoint: A Platform-Independent Passive Information Kiosk for Cell Phones," in SECON, 2010.
- [24] H. Falaki, R. Mahajan, S. Kandula, D. Lymberopoulos, R. Govindan, and D. Estrin, "Diversity in smartphone usage," in MobiSys, 2010.
- [25] A. Shye, B. Scholbrock, G. Memik, and P. A. Dinda, "Characterizing and modeling user activity on smartphones: summary," in SIGMETRICS, 2010.
- [26] Bluetooth SIG, BLUETOOTH SPECIFICATION Version 4.0, 2010.
- [27] IETF Network Working Group, RFC-1191.
- [28] J. Liu and L. Zhong, "Micro power management of active 802.11 interfaces," in MobiSys, 2008.
- [29] libpcap library, <http://www.tcpdump.org/>.
- [30] M. Dong and L. Zhong, "Self-constructive high-rate system energy modeling for battery-powered mobile systems," in MobiSys, 2011.
- [31] MonsoonSolutions, www.monsoon.com/LabEquipment/PowerMonitor.