

## Reading List

The following list is organized by topic.

### Basics and Applications

- (1) D. Puccinelli and M. Haenggi, "[Wireless Sensor Networks-Applications and Challenges of Ubiquitous Sensing](#)," IEEE Circuits and Systems Magazine, Aug. 2005 (Basic Reference Paper: not to be selected for workshop presentation)
- (2) G. Tolle et al., "[A Macroscopic in the Redwoods](#)", SenSys 2005
- (3) G. Werner-Allen et al., "[Monitoring Volcanic Eruptions with a Wireless Sensor Network](#)", EWSN'05.
- (4) L. Mottola et al. "[Not all wireless sensor networks are created equal: A comparative study on tunnels](#)", ACM Transactions on Sensor Networks, Aug.2010

### Low-Power Wireless

- (5) K. Srinivasan, P. Dutta, A. Tavakoli, and P. Levis, "[An Empirical Study of Low-Power Wireless](#)", ACM Transactions on Sensor Networks, Feb. 2010
- (6) M. Zuniga, B. Krishnamachari, "[An analysis of unreliability and asymmetry in low-power wireless links](#)", ACM Transactions on Sensor Networks, Jun. 2007

### MAC

- (7) W. Ye, J. Heidemann, and D. Estrin, "[An Energy-Efficient MAC protocol for Wireless Sensor Networks](#)", INFOCOM'02
- (8) J. Polastre, D. Culler, "[Versatile Low Power Media Access for Wireless Sensor Networks](#)", SenSys'04

### Routing

- (9) A. Woo, T. Tong, and D. Culler, "[Taming the Underlying Challenges of Reliable Multihop Routing in Sensor Networks](#)", SenSys'03
- (10) O. Gnawali, R. Fonseca, K. Jamieson, D. Moss, and P. Levis, "[Collection Tree Protocol](#)", SenSys'09
- (11) D. Puccinelli and M. Haenggi, "[Reliable Data Delivery in Large-Scale Low-Power Sensor Networks](#)", ACM Transactions on Sensor Networks, July 2010