Bibliography

[1] I. F. Akyildiz, S. Weilian, Y. Sankarasubramaniam, and E. E. Cayirci, "A survey on sensor networks," *IEEE Communications Magazine*, vol. 40, no. 8, pp. 102–114, 2002.

[2] R. Cheng, D. V. Kalashnikov, and S. Prabhakar, "Evaluating probabilistic queries over imprecise data," in *SIGMOD Conference*, 2003, pp. 551–562.

[3] T. Clouqueur, K. K. Saluja, and P. Ramanathan, "Fault tolerance in collaborative sensor networks for target detection," *IEEE Transactions on Computers*, vol. 53, no. 3, pp. 320–333, March 2004.

[4] J. Considine, F. Li, G. Kollios, and J. W. Byers, "Approximate aggregation techniques for sensor databases," in *ICDE*. IEEE Computer Society, 2004, pp. 449–460.

[5] A. Deligiannakis, Y. Kotidis, and N. Roussopoulos, "Compressing historical information in sensor networks," in *SIGMOD Conference*. ACM, 2004, pp. 527–538.

[6] A. Deligiannakis, Y. Kotidis, and N. Roussopoulos, "Hierarchical in-network data aggregation with quality guarantees," in *EDBT*, 2004, pp. 658–675.

[7] A. Deshpande, C. Guestrin, S. Madden, J. M. Hellerstein, and W. Hong, "Model-driven data acquisition in sensor networks," in *VLDB*, 2004, pp. 588–599.

[8] M. Ding, D. Chen, K. Xian, and X. Cheng, "Localized fault-tolerant event boundary detection in sensor networks," in *Proceedings of IEEE INFOCOM*, March 2005.

[9] E. Elnahrawy and B. Nath, "Cleaning and querying noisy sensors," in *MSWiM*, 2003, pp. 78–87.

[10] G. Hoblos, M. Staroswiecki, and A. Aitouche, "Optimal design of fault tolerant sensor networks," in *IEEE International Conference on Control Applications*, 2000, pp. 467–472.

[11] C. Intanagonwiwat, D. Estrin, R. Govindan, and J. Heidemann, "Impact of network density on data aggregation in wireless sensor networks," in *22nd International Conference on Distributed Computing Systems (ICDCS '02)*, july 2002, pp. 414–458.

[12] C. Intanagonwiwat, R. Govindan, and D. Estrin, "Directed diffusion: a scalable and robust communication paradigm for sensor networks," in *MOBICOM*, 2000, pp. 56–67.

[13] G. Khanna, S. Bagchi, and Y.-S. Wu, "Fault tolerant energy aware data dissemination protocol in sensor networks," in *DSN*. IEEE Computer Society, 2004, pp. 795–804.

[14] C. Y. Koo, "Broadcast in radio networks tolerating byzantine adversarial behavior," in *PODC: 23th ACM SIGACT-SIGOPS Symposium on Principles of Distributed Computing*, 2004, pp. 275–282.

[15] F. Koushanfar, M. Potkonjak, and A. Sangiovanni-Vincentell, "Fault tolerance techniques for wireless ad hoc sensor networks," in *Proceedings of IEEE Sensors*, vol. 2, June 2002, pp. 1491–1496.

[16] M. Krasniewski, P. Varadharajan, B. Rabeler, S. Bagchi, and Y. C. Hu, "TIBFIT: Trust index based fault tolerance for arbitrary data faults in sensor networks," in *International Conference on Dependable Systems and Networks*, 2005, pp. 672–681.

[17] B. Krishnamachari and S. S. Iyengar, "Distributed bayesian algorithms for fault-tolerant event region detection in wireless sensor networks," *IEEE Transactions on Computers*, vol. 53, no. 3, pp. 241–250, 2004.

[18] L. Lamport, R. Shostak, and M. Pease, "The byzantine generals problem," *ACM Transactions on Programming Languages and Systems*, vol. 4, no. 3, pp. 382–401, July 1982.

[19] Mitzenmacher and Upfal, "contents of probability and computing: Randomized algorithms and probabilistic analysis (cambridge university press, 2005)," *SIGACTN: SIGACT News (ACM Special Interest Group on Automata and Computability Theory)*, vol. 36, 2005.

[20] S. Mukhopadhyay, D. Panigrahi, and S. Dey, "Data aware, low cost error correction for wireless sensor networks," in *WCNC*, vol. 4, 2004, pp. 2492–2497.

[21] North Temperate Lakes Long Term Ecological Research Project, http://lterquery.limnology.wisc.edu/.

[22] A. Strehl, J. Ghosh, and R. J. Mooney, "Impact of similarity measures on web-page clustering," in *Proc. AAAI Workshop on AI for Web Search (AAAI 2000), Austin*, July 2000, pp. 58–64.

[23] T. Sun, L.-J. Chen, C.-C. Han, , and M. Gerla, "Reliable sensor networks for planet exploration," in *IEEE International Conference On Networking, Sensing and Control*, March 2005, pp. 816–821.