# All References

## Pub/Sub for WSN

[1] [2] [3] [4] [5]

## Middleware for WSN

* Query-based: [6] [7] [8]
* VM-based: [9] [10] [11]
* Agent-based: [12] [13]

## Data Aggregation for WSN

* MAC-layer: [14] [15]
* Clustering based on remaining energy: [16], [17], [18], [19]

[1]: J Heidemann, F Silva, C Intanagonwiwat, R Govindan, D Estrin, D Ganesan, "Building efficient wireless sensor networks with low-level naming", Proceedings of the eighteenth ACM symposium on Operating systems principles, 2001

[3]: J Heidemann, F Silva, Y Yu, D Estrin, P Haldar, "Diffusion filters as a flexible architecture for event notification in wireless sensor networks", USC/ISI Tech. Report, 2002

[4] E Souto, G Guimaraes, G Vasconcelos, M Vieira, N Rosa, C Ferraz, J Kelner, "4: a publish/subscribe middleware for sensor networks", Personal and Ubiquitous Computing, Volume 10, Issue 1, Dec 2005

[5]: P Costa, GP Picco, "Semi-Probabilistic Content-Based Publish-Subscribe", Proceedings of 25th IEEE International Conference on Distributed Computing Systems, 2005

[6] P Bonnet, J Gehrke, P Seshadri, "Towards Sensor Database Systems", Proceedings of the Second International Conference on Mobile Data Management, 2001

[7] CC Shen, C Srisathapornphat, C Jaikaeo, "Sensor information networking architecture and applications", IEEE Personal Communications Volume 8, Issue 4, 2001

[8] SR Madden, MJ Franklin, JM Hellerstein, W Hong, "8: an acquisitional query processing system for sensor networks", ACM Transactions on Database Systems (TODS), 2005

[9] Rimon Barr, John C. Bicket, Daniel S. Dantas, Bowel Du, T.W. Danny Kim, Blng Zhou, Emin Gun Sirer, "On the need for system-level support for ad hoc and sensor networks", ACM SIGOPS Operating Systems Review, Volume 36, Issue 2, April 2002

[10] P Levis, D Culler, "Maté: a tiny virtual machine for sensor networks", ACM SIGOPS Operating Systems Review, 2002

[11] Porlin Kang, Cristian Borcea, Gang Xu, Akhilesh Saxena, Ulrich Kremer and Liviu Iftode, "11art Messages: A Distributed Computing Platform for Networks of Embedded Systems", The Computer Journal, 2004

[12] CL Fok, GC Roman, C Lu, "Mobile agent middleware for sensor networks: an application case study", Proceedings of the 4th international symposium on Information processing in sensor networks, 2005

[13] A Boulis, CC Han, MB Srivastava, "Design and implementation of a framework for efficient and programmable sensor networks", Proc. of MobiSys, 2003

[14] T He, BM Blum, JA Stankovic, T Abdelzaher, "14: Adaptive application-independent data aggregation in wireless sensor networks", ACM Transactions on Embedded Computing Systems, Volume 3, Issue 2, May 2004

[15] KW Fan, S Liu, P Sinha, "Structure-Free Data Aggregation in Sensor Networks", IEEE Transactions on Mobile Computing, 2007

[16] M Lee, VWS Wong, "16 for data aggregation in wireless sensor networks", IEEE Global Telecommunications Conference, 2005

[17] Y Xue, Y Cui, K Nahrstedt, "Maximizing Lifetime for Data Aggregation in Wireless Sensor Networks", Mobile Networks and Applications, Volume 10, Number 6, December, 2005

[18] O Younis, S Fahmy, "An experimental study of routing and data aggregation in sensor networks", Proceedings of IEEE International Conference on Mobile Adhoc and Sensor Systems Conference, 2005

[19] H Luo, J Luo, SK Das, Y Liu, "Routing Correlated Data with Fusion Cost in Wireless Sensor Networks", IEEE Transactions on Mobile Computing, Volume 5, Issue 11, November 2006