

## Publications

### Edited volumes

Marimuthu Palaniswami, Slaven Marusic, and Yee Wei Law, editors. *Proceedings of Third International Conference on Intelligent Sensors, Sensor networks and Information Processing*, NY, 2007. IEEE Press.

### Book chapters

Yee Wei Law and Marimuthu Palaniswami. Key management in wireless sensor networks. In Sudip Misra, Issac Woungang, and Subhas Chandra Misra, editors, *Guide to Wireless Sensor Networks*. Springer, 2009. ISBN 978-1-84882-217-7. URL <http://www.springer.com/computer/communications/book/978-1-84882-217-7>. Accepted 19 Feb 2008, due Jul 2009.

Yee Wei Law, Raphael Chung-Wei Phan, and Marimuthu Palaniswami. Secure data aggregation in wireless sensor networks. In Sudip Misra, Issac Woungang, and Subhas Chandra Misra, editors, *Guide to Wireless Sensor Networks*. Springer, 2009a. ISBN 978-1-84882-217-7. URL <http://www.springer.com/computer/communications/book/978-1-84882-217-7>. Accepted 19 Feb 2008, due Jul 2009.

Yee Wei Law, Li-Hsing Yen, Roberto Di Pietro, and Marimuthu Palaniswami. Chapter 13: Secure  $k$ -Connectivity Properties of Wireless Sensor Networks. In Zhen Jiang and Yi Pan, editors, *From Problem to Solution: Wireless Sensor Networks Security*. NOVA Publishers, 2009b. ISBN 978-1-60456-457-0. URL [https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=6983](https://www.novapublishers.com/catalog/product_info.php?products_id=6983). Accepted 16 Feb 2008, at prepress.

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Yu Zhang, Xing She Zhou, Yi Ming Ji, Yee Wei Law, and Marimuthu Palaniswami. Five basic types of insider DoS attacks of code dissemination in Wireless Sensor Networks. *International Journal of Communications, Network and System Sciences*, 2(1):64–72, February 2009. URL <http://www.scirp.org/Journal/Home.aspx?JournalID=4>.

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Yee Wei Law, Jeroen Doumen, and Pieter Hartel. Survey and benchmark of block ciphers for wireless sensor networks. *ACM Transactions on Sensor Networks*, 2(1):65–93, February 2006.

### Conferences

Andrea Munari, Wolfgang Schott, and Yee Wei Law. Dynamic tunnel routing for reliable and resilient data forwarding in

wireless sensor networks. In *The 20th Personal, Indoor and Mobile Radio Communications Symposium (PIMRC)*. IEEE, 2009. Accepted 20 Jul 2009, to appear.

Yu Zhang, Xing She Zhou, Yee Wei Law, and Marimuthu Palaniswami. Insider DoS Attacks on Epidemic Propagation Strategies of Network Reprogramming in Wireless Sensor Networks. In *The Fifth International Conference on Information Assurance and Security (IAS-2009)*. IEEE Computer Society, 2009.

Yee Wei Law, Supriyo Chatterjea, Jiong Jin, Thomas Hanselmann, and Marimuthu Palaniswami. Energy-efficient data acquisition by adaptive sampling for wireless sensor networks. In *The 5th International Wireless Communications and Mobile Computing Conference (IWCMC'09)*. ACM, 2009. In press.

J. Jin, Y.W. Law, W.-H. Wang, and M. Palaniswami. A hierarchical transport architecture for wireless sensor networks. In *The Fourth International Conference on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP 2008)*, pages 145–150. IEEE, 2008. ISBN 978-1-4244-2957-8.

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Y.W. Law, J. Sing, B. Kidd, and S. Marusic. Secure code distribution in wireless sensor networks. In *ICT-MobileSummit 2008 Workshop "Wireless sensor and actuator network research on opposite sides of the globe - Europe/SENSEI and Australia/ISSNIP"*, 9 June, Stockholm, Sweden. IIMC International Information Management Corporation Ltd, 2008. ISBN 978-1-905824-08-3. Unrefereed.

Y.W. Law, L.-H. Yen, R. Di Pietro, and M. Palaniswami. Secure  $k$ -connectivity properties of wireless sensor networks. In *4th IEEE International Conference on Mobile Ad Hoc and Sensor Systems (IEEE MASS 2007): 3rd IEEE International Workshop on Wireless and Sensor Networks Security (WSNS 2007)*. IEEE Computer Society, 2007. ISBN 1-4244-1455-5. URL <http://yee.wei.law.googlepages.com/law07secure.pdf>.

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Y.W. Law. *Key management and link-layer security of wireless sensor networks: energy-efficient attack and defense*. PhD thesis, University of Twente, 2005. URL <http://eprints.eemcs.utwente.nl/718/>.

Y.W. Law. *Simulation and Visualization in a 3D Collaborative Environment*. Master's thesis, Nanyang Technological University, 2003.