

List of Publications

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Journal Publications

- **A. Vashistha** and C. L. Law, “A Novel E-DTDOA Based One-way Ranging Using UWB-IR with Unsynchronized Anchors,” submitted to IEEE transactions on Industrial Informatics.
- **A. Vashistha** and C. L. Law, “E-DTDOA based Localization for Wireless Sensor Networks with Clock Skew Compensation,” submitted to IEEE Sensors Journal.

Conference Publications

- **A. Vashistha**, A. Gupta and C. L. Law, “ Low Power Tag Hybrid Sub-GHz UWB-IR based Indoor Positioning System using DTDOA-Experimental Demonstration”, accepted for publication in IEEE 10th RFID -TA, Pisa, Italy, 2019.
- **A. Vashistha**, A. Gupta and C. L. Law, “Self-calibration of the anchor nodes for UWB-IR TDOA based indoor positioning system”, 2018 IEEE 4th World Forum on Internet of Things (WF-IoT), Singapore, 2018, pp. 688-693.
- R. W. C. Ling, A. Gupta, **A. Vashistha**, M. Sharma and C. L. Law, “High precision UWB-IR indoor positioning system for IoT applications”, 2018 IEEE 4th World Forum on Internet of Things (WF-IoT), Singapore, 2018, pp. 135-139.
- **A. Vashistha**, Rejina Ling Wei Choi and Choi Look Law, “A TDOA Measurement Technique for Asynchronous Indoor Localization System using UWB-IR”, in 7th international conference on Indoor Positioning and Indoor Navigation (IPIN)-2016, Madrid, Spain.