

**Asif Baba, Instructor, Computer Science
Publications and Presentations (2008-2017)**

1. **Asif Iqbal Baba**, Manfred Jaeger, Hua Lu, Torben Bach Pedersen, Wei-Shinn Ku and Xike Xie, "**Learning-Aided cleansing for indoor RFID data**", *In ACM SIGMOD 2016, San Francisco, USA, June 26th - July 1st, 2016.*
2. **Asif Iqbal Baba**, Wu Fan, "**Energy-Accuracy Trade-off in Wireless Sensor Network Localization**", *International Journal of Handheld Computing Research (IJHCR), Feb 2016, Vol 6(4), pp. 1-18.*
3. Saranya Sadasivam, **Asif Iqbal Baba**, Wei-Shinn Ku and Haiquan Chen, "**A2N2: Approximate Aggregate Nearest Neighbor Queries on Road Networks**", *In ACM SIGSPATIAL MobiGIS 2015, Seattle, Washington, USA, November 3-6, 2015.*
4. **Asif Iqbal Baba**, Hua Lu, Torben Bach Pedersen and Xike Xie, "**Handling False Negatives in Indoor RFID Data**", *In Proceedings of the 15th IEEE International Conference on Mobile Data Management (MDM 2014) Brisbane, Australia, July 14-18, 2014.*
5. **Asif Iqbal Baba**, Hua Lu, Torben Bach Pedersen and Xike Xie, "**A Graph Model for False Negative Handling in Indoor RFID Tracking Data**", *In Proceedings of the 21st ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems (ACM SIGSPATIAL GIS 2013), Orlando, Florida, U.S.A., November 5-8, 2013.*
6. **Asif Iqbal Baba**, Hua Lu, Xike Xie and Torben Bach Pedersen, "**Spatiotemporal Data Cleansing for Indoor RFID Tracking Data**", *In Proceedings of the 14th IEEE International Conference on Mobile Data Management (MDM 2013) Milan, Italy, June 3-6, 2013.*
7. **Asif Iqbal Baba**, Tanvir Ahmed and Sari Haj Hussein, "**The BagTrack Project - An Overview** (poster). *Second European Business Intelligence Summer School (eBISS 2012) Brussels, Belgium, July 15-21, 2012.*
8. **Asif Iqbal Baba**, M.M Atia, "**Burst Mode Symmetrical Double Sided Two Way Ranging**", *In Proceedings of WD'11 (IEEE/IFIP Wireless Days), Ontario, Canada October 10-12, 2011.*
9. **Asif Iqbal Baba**, "**Calibrating Time of flight in Two way Ranging**", *In Proceedings of MSN'11 (International Conference on Mobile Ad-hoc and Sensor Networks). Beijing China, December 16-18, 2011.*
10. **Asif Iqbal Baba** "**Time of Flight Two way ranging with Multiple Messages**", *Poster, PhD symposium, Grenoble Informatics laboratory Grenoble, France, April 2011.*
11. **Asif Iqbal Baba** "**RF Ranging Analysis with Frequency Hopping: indoor**", *Poster, RESCOM 2010, Giens, France, June 2010, France*