

## Publications of Sian Lun Lau

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### 2016

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- [3] C. Toh and S. L. Lau, “Indoor Positioning using Existing Wi-Fi Infrastructure: A Case Study at a University Building,” in *The 22nd International Conference on Virtual Systems and Multimedia (VSMM 2016)*, Oct. 17-20 2016.
- [4] D. J. Mohd Ridzuan Tan, G. W. T. Yam, and S. L. Lau, “A Study on Cloud-based Backend for Crowd-sourced Sensor Data Collection Apps,” in *2016 IEEE Conference on e-Learning, e-Management and e-Services (IC3e 2016)*, Oct. 10-12 2016.
- [5] M. K. T. Tee, B. T. Lau, H. Siswoyo Jo, and S. L. Lau, “Potential of Human Tracking in Assistive Technologies for Children with Cognitive Disabilities,” in *Supporting the Education of Children with Autism Spectrum Disorders*, Y. Kats, Ed. IGI Global, 2016, ch. 13, pp. 245–266.
- [6] S. L. Lau, C. Toh, and Y. Saleem, “Wi-Fi Fingerprint Localisation using Density-based Clustering for Public Spaces: A Case Study in a Shopping Mall,” in *2016 6th International Conference - Cloud System and Big Data Engineering (Confluence)*, Jan. 14-15 2016.

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- [9] Z. Q. Ik, S. L. Lau, and J. B. Chan, “Mobile Cataract Screening App Using a Smartphone,” in *2015 IEEE Conference on e-Learning, e-Management and e-Services (IC3e 2015)*, Aug. 24-26 2015.
- [10] A. Negametzyanov, S. L. Lau, and C. F. Ng, “Web-based Interactive Form Generator for Public Kiosks,” in *2015 IEEE Conference on Open Systems (ICOS2015)*, Aug. 24-26 2015.
- [11] M. K. T. Tee, B. T. Lau, H. Siswoyo Jo, and S. L. Lau, “A Robotic Telepresence System for Full-Time Monitoring of Children with Cognitive Disabilities,” in *2015 international Convention on Rehabilitation Engineering & Assistive Technology (i-CREATE 2015)*, Aug. 11-14 2015.
- [12] —, “A Human Orientation Tracking System using Template Matching and Active Infrared Marker (accepted),” in *2015 International Conference on Smart Sensors and Application*, May 26-18 2015.
- [13] S. L. Lau, A. Ahmed, and Z. Ruslan, “A Review for Unobtrusive COTS EEG-Based Assistive Technology,” in *Assistive Technologies for Physical and Cognitive Disabilities*, B. T. Lau, Ed. Hershey, PA: IGI Global, 2015, ch. 13, pp. 262–277. [Online]. Available: <http://www.igi-global.com/gateway/chapter/122913/>

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