Dr. Chung Leung

Education
BS in Electrical Engineering, Florida Institute of Technology, Melbourne, Florida, 1978
MS in Electrical Engineering, Florida Institute of Technology, Melbourne, Florida, 1981
Ph. D in Electrical Engineering, Florida Atlantic University, Boca Raton, Florida, 1989

Teaching Interests
Undergraduate courses: Microprocessor Systems, Microprocessor Interface, Communications Engineering, and Senior Projects.
Graduate Courses: Real Time DSP and Embedded System Designs.

Research Interests
Hardware implementation of DSP systems, and Embedded System Design.

Honors and Awards

Patents (if, any)

Selected Publications (up to ten - books, book chapters, journal articles)
  Chung S Leung, "Microprocessor Interface", 1st Edition, Cognella Academic Publishing, 2016. (ISBN: 978-1-5165-0555-5)

[1]   Taesic Kim, Ron Huerta, Jianwu Zeng, **Chung S Leung**, Sung-won Park, "Fast Recursive Least Squared-Based Active and Reactive Power Estimator for Single-Phase Power Electronic Converter." 2017 IEEE International Conference on Electro/Information Technology, May 14-17, 2017, Lincoln, Nebraska.

[2]   Mahboob Khan Mohammed, **Chung S Leung**, Susmitha Chilukuri, "System Identification Using Adaptve Filter with Recursive Least Squares Algorithm." 2017 ASEE-GSW Conference, University of Texas at Dallas, Richardson, TX.

[3]   Wei-Da Hao and **Chung S Leung**, "Toward GPU-Accelerated Network Traffic Analysis Framework Using Wireshark," 2014 Computer And Technology Application, March 24 - 26, 2014, pp. 67-71.

[4]   **Chung S. Leung,** Wei-Da Hao, Claudio M. Montiel"Piezoelectric Sensors for Taxiway Airport Traffic Control System*,"* 2013 IEEE Conference on Technologies for Sustainability, Portland, Oregon, USA, 01 ~02 Aug. 2013, pp 139-146.

[5]   Sung-Won Park, Wei-Da Hao, **Chung S Leung**, "*Reconstruction of Uniformly Sampled Sequence From Non-uniformly Sampled Transient Sequence Using Symmetric Extension*," IEEE Transactions on Signal Processing, Vol. 60, No. 3, March 2012, pp 1498-1501.