Electrical Engineering Ph.D. Student Seminar Series

Monday November 5, 2012
12:00pm       EEB 248

The Student Seminar Series will allow students to practice their research talks by presenting to one another. Ph.D. students will present their research to fellow Ph.D. students at each seminar session, and each student will be able to gain feedback from their peers.

The MHI Ph.D. Scholars will give presentations at the 1st Student Seminar Series event on 11/5 and explain the structure. Then students could sign up for student seminars, which will be bi-weekly.

Speaker: Osonde Osoba, Electrical Engineering Ph.D. student

Talk Title:
Noisy Expectation-Maximization and Some Applications

Talk Abstract:
The expectation-maximization (EM) algorithm is an iterative maximum-likelihood estimation scheme for corrupted data. Many generic statistical estimation methods are EM algorithms in disguise. I will talk about the Noisy Expectation-Maximization (NEM) algorithm. This is a modification of the EM scheme that achieves faster average convergence times than the regular EM algorithm. I will describe the theory behind the NEM algorithm. Then I will talk about some of the applications of the NEM algorithm.

Invited: Electrical Engineering Ph.D. students

Refreshments will be provided

Sponsored by the Ming Hsieh Institute (mhi.usc.edu)
Organized by the 2012-2013 MHI Ph.D. Scholars
Additional details and questions - hamra@usc.edu