DEPARTMENT OF COMPUTING AND INFORMATION TECHNOLOGY

Presents *Mr. Kyle De Freitas*
1ˢᵗ Ph.D. Research Seminar
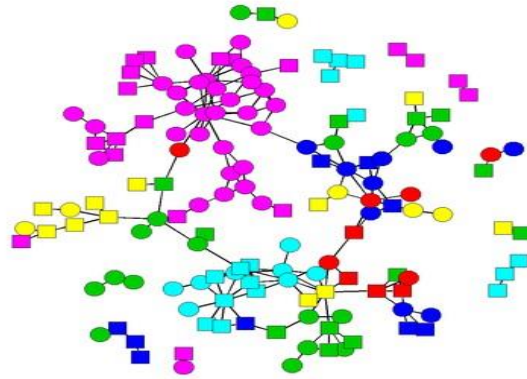
TITLE:	An Architecture for Educational Data Mining Analysis
DATE:	Tuesday 1ˢᵗ December 2015
TIME:	1:00 pm
VENUE:	DCIT Conference Room
	Department of Computing and Information Technology
	2ⁿᵈ floor, Natural Sciences Building

ABSTRACT:

Educational Data Mining (EDM) focuses on tools and techniques for discovering previously unknown patterns in data generated by the educational process. Despite the proven benefit of Data Mining (DM) analysis in other industries, integrating DM analysis within education has proven elusive due to complex tools and low knowledge about statistical and DM methods. In this seminar, an architecture for developing an educational data mining environment that caters for educators and provides an extensible structure for future data mining analysis, will be presented. It would also highlight a comparative analysis of clustering techniques used for finding trends within the log data of a Moodle LMS.