

CS Masters' Thesis Defense

Title: *Platform Independent Experimentation Workbench for Unimodal/Cross-Modal Priming Studies*
Speaker: Swapnil Devikar
Date: Thursday, October 27, 2011
Time: 11:00 a.m.
Location: GMCS 418
Thesis advisor: Dr Joseph Lewis

Abstract:

The Experimentation Workbench for Unimodal/Cross-Modal Priming Studies has been developed to facilitate a robust, platform-independent convenience and analysis tool among Speech Language and Hearing Science faculty, lab assistants and students for generation of Tempo experimentation scripts and analysis of raw experiment outputs produced by Tempo. The tool allows students to painlessly generate Tempo scripts for their experiments and perform statistical analysis on the raw results of experiment regardless of the type of operating system they are using or without the need to install additional software or host a database. This tool targets to save time and help improving the quality of analysis by minimizing human errors in experiment configuration. Research areas mainly involve rapid user interface generation in Java Swings and Microsoft Excel style Pivot Table generation, with the ability to export tables to Excel at any stage.