

## CS Masters' Thesis Defense

**Title:** *Design and Implementing Web Content Management System*  
**Speaker:** Xiaohui Zeng  
**Date:** Monday, May 14, 2012  
**Time:** 10:00 a.m.  
**Location:** GMCS 405  
**Thesis advisor:** Dr Carl Eckberg

### **Abstract:**

This thesis is a report on the development of the web content management system for Professor Mark Freeman in the School of Theatre, Television and Film, San Diego State University. The goal of the project is to create a web site for Professor Freeman to showcase his film portfolio and serve as a portal for his academic works. It should also provide an easy to use, flexible framework to manage the site content.

The first part of the work focuses on the requirements, analysis, design and implementation of the system. Since the web site is completed and deployed a few years ago, and there are many advances in the web technologies, the latter part of the thesis is a discussion on how the site can be done with the new frameworks, technologies and methodologies that's available today. The study will treat the project as if it's an enterprise level application with an emphasis on how to make the site easier to maintain; extend and test.