



**SDSU**  
presents  
a thesis defense for  
Master of Science  
degree in  
Computer Science

Wednesday,  
March 27, 2013

10:00am  
GMCS 405

---

# Sudeshna Mukherjee

*Local Points of Interest Using Augmented Reality*

## Abstract

---

Augmented reality is a new technology which integrates the virtual world of a smart phone with the real world of nearby locations as seen by the user. This application implements a number of augmented reality features by blending both visual, map-based and non-map-based elements like live projection of nearby landmarks on camera preview. The objective of this android application for smart phones is to give information about the local landmarks which are in the vicinity of the current location. This mobile application is a location aware application, as this application incorporates location based services to receive location updates and project them on a camera preview.

## Thesis Committee

---

Carl Eckberg, Thesis Chair, Department of Computer Science  
Marko Vuskovic, Department of Computer Science  
Ming-Hsiang Tsou, Department of Geography