

MASTERS FINAL ORAL EXAMINATION

**Friday, November 20th
12:00p.m. @ 223 Atanasoff**

Yi Liang

Faculty Advisor: Professor Carl Chang

Investigation of the Correlation between Emotion and Gesture

Emotion and its physical gesture expression are an integral part of social interaction, however studies about gesture and emotions are sparse and less conclusive. Our study is to investigate the correlation between gestures and emotions. And our study will be able to collect gesture data from Leap Motion and emotion data from Emotiv EEG. By analyzing the data, researchers will be able to find out the relationships between different types of gestures and emotions. In addition, the researchers will discuss some research findings and the application of our study.

IOWA STATE UNIVERSITY
Department of Computer