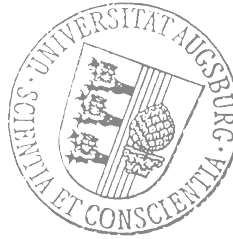


This is actually the first page of the thesis and will be discarded after the print out. This is done because the title page has to be an even page. The memoir style package used by this template makes different indentations for odd and even pages which is usually done for better readability.

University of Augsburg
Faculty of Applied Computer Science
Department of Computer Science
Bachelor's Program in Computer Science



Bachelor's Thesis

Engagement Detection

Inferring conversational engagement from nonverbal
behaviour

submitted by
Amr Abdelraouf
on 31.7.2014

Supervisor:
Prof. Dr. Elisabeth André aus Augsburg

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Reviewers:
Prof. Dr. Elisabeth André

Abstract

This is the place where the *abstract* of your thesis is supposed to be. The abstract is an essential part of a thesis, providing a brief summary of the thesis. Students often do not recognise the importance of the abstract and thus do not spend the required time in order to produce a well defined abstract. You should realize that the abstract is the walking advertisement for your thesis. Any reader's interest in your work stands or falls with the motivation provided by your abstract. A student should know that usually the reviewer of his or her thesis start reading with the abstract and the summary while often just making quick scans over some parts of the main chapters. An abstract is what will and has to be remembered.

Statement and Declaration of Consent

Statement

Hereby I confirm that this thesis is my own work and that I have documented all sources used.

Amr Abdelraouf

Augsburg, 3.7.2014

Declaration of Consent

Herewith I agree that my thesis will be made available through the library of the Computer Science Department.

Amr Abdelraouf

Augsburg, 3.7.2014

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Chapter 1

Introduction

1.1 Motivation

1.2 Objectives

1.3 Outline

Chapter 2

Theoretical Background

2.1 Entenhausen

Figure ?? shows an image while you can cite a paper with [\[1\]](#) or several papers with [\[2, 3\]](#).

2.2 Section

2.2.1 PseudoCode

Chapter 3

Input Data

3.1 Sensors

3.2 Scenemaker

Chapter 4

Main Modules

4.1 Mutual Facial Gaze

4.2 Directed Gaze

4.3 Adjacency Pair

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Chapter 5

Bayesian Network

Chapter 6

Summery

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Appendices

Appendix A

First Appendix

This is the place where the appendices are supposed to be. Appendices are everything that would just blow up your thesis but are still of some interest for a reader that wants to get a deeper grasp on the details of your work.

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