

LTOSUser Manual

Markus Rose

July 11, 2018

Contents

Contents	ii
List of Figures	iii
List of Tables	iv
About	v
1 Introduction	1
2 Getting Started	2
2.1 Installation	2
2.1.1 Getting Python	2
2.1.2 Required Packages	2
2.1.3 Installing LTOS	2
2.2 Using LTOS	2
2.2.1 The Graphical User Interface	2
2.2.2 Working from Command Line	2
3 Program Details	3
3.1 Detection and Localization	3
3.2 Tracking	3
3.3 Simulation	3
3.4 Analysis	3
Acknowledgments	4
Bibliography	5

List of Figures

List of Tables

About

1 Introduction

2 Getting Started

2.1 Installation

2.1.1 Getting Python

Anaconda

2.1.2 Required Packages

2.1.3 Installing LTOS

2.2 Using LTOS

2.2.1 The Graphical User Interface

2.2.2 Working from Command Line

3 Program Details

3.1 Detection and Localization

3.2 Tracking

3.3 Simulation

3.4 Analysis

Acknowledgments

Thank you all.

Bibliography

- [1] A. Einstein, “Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies],” *Annalen der Physik*, vol. 322, no. 10, pp. 891–921, 1905.