Visual Odometry Pipeline

Pascal Buholzer, Fabio Dubois, Milan Schilling, Miro Voellmy

December 21, 2016

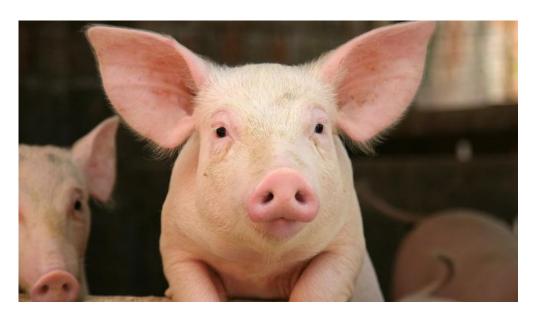## Sandbox

Figure 1: Pig image

Symbols, Nomencalture

Introduction

VO, sequential, monocular, markov assumption

Implementation

Framework

Coordinate Frames

Pipeline overview

Flow chart

Options and parameters

parameter handling, GUI

Initialization

Continuous Operation

Results

Overall performance

Real time ness, comparison to groundtruth, compare different datasets Impact of features

Discussion

What have we learned, what worked?
    Possible future work, improvements (loop closure, ...)

Conclusion