# Introduction

## Motivation

## Goals

# Theory, Definitions & Related Work

## Definitions

Complete / Incomplete

Distributed

Dynamic

Constraint

Etc.

## Algorithms & Datastructures

Scheduling Problem

Related Problems

Distributed Constraint Optimization

## Related Work

Approach 1

Approach

Dynamic Approach 1

Dynamic Approach 2

Application 1

Application 2

Benchmarking

# Design

## Problem Design

## Dataset Design / Generator

## Evaluation System, Testbed

## Algorithm Mapping to Problem

## Other algorithms -> Mapping to Signal Collect Concept

## Identify flaws in the algorithms for dynamic problems

## Design new algorithms according to those measurements

## Benchmarking / Relevant Measurementss

# Implementation

## Cluster Environment

## Signal Collect

## Testbed: Dataset Generator, Dataset Reader, Storage of Results,

## Algorithms and their Implementation Specifics

# Presentation of Results, Analysis of Results

Measurements, Tests

Proof of flaws in other algorithms

Benchmarking

All the different Types

Variations of the Types

Dynamic Performance

Scalability

# Conclusion

Summary

Limitations

Future Work