

Concurrent Systems

Exercise 01 – Introduction

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■ Contact

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■ Time and Date

- Monday, 14:15 – 15:45, 0.035 *or* 00.156-113

■ Homepage

- www4.cs.fau.de/Lehre/WS16/V_CS



Contents

- Efficient parallelization
- Blocking synchronisation, locks, mutexes
- Deadlocks
- Non-blocking synchronisation
- Suggestions?

Your Background?

- Systemprogrammierung 1 & 2
- Parallele und Funktionale Programmierung
- Betriebssysteme



- Blackboard exercises

- Introduce new assignments
- Additional content to the lecture

- Computer exercises

- If you have questions

- Discussion exercises

- Discuss the results of previous assignments



■ Subscription

- Please subscribe to the exercises in Waffel
- The subscription will close **today**
- You cannot submit assignments without subscription

■ Waffel URL

→ waffel.informatik.uni-erlangen.de/signup/?univisid=41459301



Assignments

■ Assignments

- 2 – 3 weeks per assignment
- 4 – 5 assignments in total
- Research, Implement, Experiment, Discuss

■ Submission

- `/proj/i4cs/<login>/`
- Will be created tomorrow
- Submit either alone or in pairs
 - Only one partner needs to submit
 - Please add partnership information

■ Additional Material

- `/proj/i4cs/pub/`



Assignment 1

