Real-Time System
General Lab Information

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Labs Overview

The course offers four labs:

- Real-Time Programming using **Ada** *(5hp, 10hp)*  
  Lab room **1515**: UNIX environment

- Programming **LEGO Mindstorms NXT** robots *(10hp)*  
  Lab room **1312** and **1313**: Windows environment

- Response Time Analysis using **FpsCalc** *(5hp, 10hp)*  
  Lab room **1515**: UNIX environment

- Modeling and Verification using **Uppaal** *(10hp)*  
  Lab room **1515**: UNIX environment
Lab Groups

- No individual lab submission
- 10hp groups vs 5hp groups (Don't mix)
- 5hp groups: maximum 3 students
- 10hp groups: 3 or 4 students
- Find your own group mates
- Group registration via studentportalen, deadline 16.09.18
Lab Instructions

• Each lab has a webpage with all necessary information and slides
• Lab pages will appear as subpages of the course home page
• Read the webpage before coming to lab sessions
• Five lab sessions:
  Lab 1: Thu, 13.09.18, 10:15-12:00
  Lab 2: slot 1 Thu, 20.09.18, 13:15-15:00
  slot 2 Wed, 26.09.18, 10:15-12:00
  Lab 3: Thu, 04.10., 08:15-10:00
  Lab 4: Fri, 12.10., 10:15-12:00
Lab Submission

- Each lab has a submission page in studentportalen
- A group has to upload one joint lab report before the deadline
- Firm lab report submission deadline via studentportalen, no submissions possible after it
- Special cases, contact the TA for extension
Lab Report

• Answer the questions asked in the lab instruction
• Be specific and concise
• Include complete code with proper comments and indentation
• Check spelling and grammar
• Discussions with other groups are ok
• Use proper references where needed
• Don’t cheat!
Lab Grading

- Grades: "Completed", "Incomplete" or "Unsatisfactory achievement"
- "Incomplete" labs can be supplemented
- Supplementation means solving extra problems to pass
- Your goal: Eventually get "Completed" for all labs
- After end of period 4, no lab grading possible