



MÄLARDALENS HÖGSKOLA

Research Planning, 3p
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RPC WS 2



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- **Timing:**
 - Today: 13:15-17:00
 - Tomorrow: 08:30 – 12.00
- **Presentations and discussions of Assignment 2:**
 - Kristina (14:00 – 14:40)
 - Anette (15.00 – 15.40)
 - JimmieW (15.40 – 16.20)
 - Dejan (16:20 – 17:00)
 - Moris (Tue 09.15 – 09.55)
 - JimmiH (Tue 10:15 – 10:55)
 - Stefan (Tue 10:55-11:35)
- **Distinguished guests:**
 - Thomas Nolte, PhD (13:15-14:00 today)
 - Gordana Dodig-Crnkovic PhD² (08:30-09:15 tomorrow)
- **WS 3 – time, place and content**
- **Assignment 3 (presentation/discussion)**

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A PhD/Lic thesis

- Generic structure (not always in this order and structuring into sections/chapters varies)

- Motivation (why?)
- Problem definition (what?)
- Contributions (what's new?)
- Related work (what's already done?)
- Approach/Methodology (how?)
- Organization of thesis (how presented?)
- YOUR WORK
- Conclusions (this is what I think I've done)
- Future work (this is what I didn't have time to do)
- References

RPC

Overview of course

- 1. Assignment 1**
 - You know all about it; presentations and discussions expected.
- 2. Assignment 2**
 - Research area overview (state of art and practice).
 - Report + review of reports
- 3. Assignment 3**
 - Research overview and plan
 - Report + review of reports
- 4. Guest lectures**
 - My experiences (a former PhD give his/her story)
 - Specific topics (Research Ethics)

Assignment 2

- Updated version of assignment 1
- Research overview
 - Current research issues and hot topics
 - State of practice (key industrial players, type of "technology" available, etc.)
 - Central literature, including seminal papers
 - Key conferences and leading research groups
 - Relation to and relevance for own research
 - References

Planning the course

- Workshop 3 (lunch-lunch)
 - **Day 1:** Monday Jan 21, 2008, 1:30-5pm
 - **Day 1:** Tuesday Jan 22, 2008, 8:30am-12(Assignment deadline Jan 14)
 - Is 45min/person sufficient?
 - Any other suggestions?

Assignment 3



- an updated version of assignment 2 (approx 10 pages)
- a plan of the own research activities, including
 - Hypothesis
 - Concrete research questions
 - Concrete expected results
 - Activities, including planned publications and co-operations, and conference trips etc.
 - Time plan
 - Milestones



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The final report



From Gunnar Mathiason's report:

- 5 Research issues 10
 - 5.1 Problem 10
 - 5.2 Definitions 10
 - 5.3 Hypothesis 11
 - 5.4 Concrete research questions 11
 - 5.5 Expected results 12
- 6 Activities and milestones 13
 - 6.1 Prior publications 13
 - 6.2 Planned publications 13
 - 6.3 Tentative publications 14
 - 6.4 Cooperation 16
 - 6.5 Conference trips 16
 - 6.6 Time plan and milestones 17
- **Comment: Separate activities and publications**
 - Activities aims at producing research result
 - Publications are milestones (could also be other milestones)
 - Gunnar lists too many publication/activities
 - You may want to include longer int'l visit



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Procedure



- Deadline final reports: Monday Jan 14
- Distribution of reports: Tuesday Jan 15
- Prepare oral feedback and brief written statement
 - to be given to author and Hans
 - Include
 - Overall statements
 - Required improvements
 - Suggested improvements (including detailed comments)
 - Other comments
- WS3: Mon Jan 21 – Tue Jan 22
- Feb 4: Examination result from Hans
 - Pass as is (no improvements needed)
 - Pass after minor improvements
 - Hans will check
 - Pass after major improvement
 - essential element missing or insufficient
 - Hans and reviewers will check
- March 3: Deadline for improved report



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Questions/Discussion



- About assignment(s)
- About course
- Special requests
 - Lectures by guests etc.



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