

Seminar 3

Computational Logic

Institute of Computer Science
University of Innsbruck

SS 2012



Organisation

Important Information

- LVA 703940 seminar 3
- SE 2 – 5 ECTS
- <http://cl-informatik.uibk.ac.at/teaching/ss12/se3/>
- **online registration was required until 23:59 on February 29**

Consultation Hours

Aart Middeldorp	3M07	Monday 09:30 – 11:30
Cezary Kaliszyk	3M12	Friday 13:15 – 15:00
Georg Moser	3M09	Wednesday 13:00 – 15:00
René Thiemann	3M09	Monday 13:00 – 15:00
Harald Zankl	3M12	Thursday 14:15 – 15:45

Overview

- Organisation
- Topics
- Schedule

Organisation

Grading

- for master students:
presentation, seminar report, active participation
- for PhD students:
presentation, very active participation

Presentations

- Wednesday 10:15 – 12:00 in 3W04
- 30 minutes per presentation, 15 minutes for discussion

Tasks

- for **everyone**:
 - 1 submit title of presentation(s) and (optional) accompanying literature
 - at most two papers per presentation
 - using exactly same HTML format as <http://cl-informatik.uibk.ac.at/teaching/ss12/se3/topics.php>
 - strict deadline: **10 am on Monday before seminar**
 - 2 submit slides (shortly after presentation, with mistakes corrected)
- for **master students**:
 - 4 submit seminar report before **10 am on 31 July 2012**
- for **PhD students and CL researchers**:
 - 4 chair seminar (on rotating basis)

Topics

- Bound Analysis of Imperative Programs GM
- Certified Matrix Orders RT
- Confluence of Rewrite Systems with AC Rules AM
- First-Order Theorem Prover with Equality GM
- Local Termination AM
- Matchbounds RT
- Multiple Binders in Nominal Isabelle CK
- Object Logics in Isabelle CK
- Termination of Context-Sensitive Rewriting AM
- ...

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- March 28 René Thiemann Martin Avanzini
- April 18 Bertram Felgenhauer Harald Zankl
- April 25 Sarah Winkler Cezary Kaliszzyk
- May 9 Thomas Sternagel Simon Legner
- May 16 Julian Nagele Stéphane Gimenez
- May 23 Georg Moser
- June 13 Michael Färber Michael Schaper
- June 20 Benjamin Höller Aart Middeldorp