Proseminar SS 2012
Artificial Intelligence

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Knowledge-Based Systems Group
RWTH Aachen University

April 4, 2012
Seminar Homepage:

http://www.kbsg.rwth-aachen.de/teaching/SS2012/ProKI

Seminar Mailinglist:

proki2012@lists.kbsg.rwth-aachen.de

Seminar Dates:

▶ Introductory Meeting: Wednesday, April 4
▶ Talks: three talks a week end of June / early July

all meetings take place in Seminar Room I5 (6202)

Check the seminar homepage for details.
Given literature is meant to be **starting point for own literature search!**

- **3 weeks** before talk hand in your **final** seminar paper (15 pages)
- **1 week** before talk hand in **final** version of slides
- **talk** should be no longer than 25 minutes

Seminar paper and talk should be in **English**!

Prepare the paper and the slides preferably with **LATEX**.

Contact your advisor in case of questions.
Contact Milestones:

1. Table of Contents & Literature > t-5 weeks
2. Paper Draft > t-4 weeks
3. Final Paper > t-3 weeks
4. Slides Draft > t-2 weeks

Respect your advisor’s response time!
Up to three weeks from now on you are allowed to recede from the seminar without any consequences. A later rescission will be graded as a failed attempt!
1. Beyond Classical Search
2. Constraint Satisfaction Problems
3. Inference in First-Order Logic
4. Classical Planning
5. Planning and Acting in the Real World
6. Probabilistic Reasoning over Time
7. Making Complex Decisions
8. Knowledge in Learning
9. Planning to Move
specialized training on literature search: small groups (up to 6), individual examples, local and supra-regional catalogues and databases

▶ Presentation: distinguishing different types of literature

▶ acquisition of literature: delivery service, full text search, lending and interlending, etc. pp.

▶ guided tour: the CS-Library and what it has to offer

▶ ralley: practical exercise

▶ length: 2 h

Participation is mandatory!
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