

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 15 (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
- ▶ rally: practical exercise
- ▶ length: 2 h

Participation is mandatory!

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