

Proseminar SS 2011

Artificial Intelligence

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Seminar Homepage:

<http://www.kbsg.rwth-aachen.de/teaching/SS2011/ProKI>

Seminar Mailinglist:

`proki2011@lists.kbsg.rwth-aachen.de`

Seminar Dates:

- ▶ **Introductory Meeting:** Wednesday, April 6th
- ▶ **Talks:** two talks every week in June/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 in english!

The workout should be prepared 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
10. Localization & Mapping

Library Tour/Training I

- ▶ 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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