Website:

http://www.kbsg.rwth-aachen.de/teaching/SS2013/SemPAR

Mailing list:

semss2013par@lists.kbsg.rwth-aachen.de

Seminar Dates:

- Introductory Meeting: Wednesday, April 11th 2013
- Talks: One or two days of talks, August 1st/2nd?

Location:

All meetings take place in Seminar Room I5 (6202)
Given literature is a **starting point for own literature search**. You need to read a number of references to complete the picture!

- Seminar paper and talk should be in English!
- Prepare the paper and the slides preferably with \LaTeX
- About 20 pages (including references)
- Your paper will need multiple iterations
- Contact your adviser in case of questions, submit early!
Slides to **condense and support transfer of your knowledge**. Be brief and precise so your listeners can follow!

- Talk must be in English
- Presentation should be $\sim 35 \text{ min } + 10 \text{ min discussion}$
- Prepare the slides preferably with $\LaTeX$
- Contact your adviser in case of questions

**Prepare slides immediately after writing your seminar paper!**
Rescission Policy

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!
Library Tour/Training

- specialized training on literature search: small groups (up to 6), individual examples, local and supra-regional catalogs 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 mandatory if not already completed!
Your will work on current research papers on

- **activity recognition**, i.e. detect a human’s behavior based on sensor input, e.g. camera images
- **plan recognition**, i.e. infer a human’s higher level intention from his lower level actions
1 Vision-based activity recognition
2 Activity recognition algorithms (e.g. HMMs)
3 Ontology-based activity recognition
4 Abnormal activity recognition

5 Plan Recognition by Planning
6 Policy Recognition in the Abstract Hidden Markov Model
7 Lexicalized Intent Recognition
8 Probabilistic Grammars for Plan Recognition
Schedule

Due Dates

May 17th  literature list and seminar paper outline
June 14th  seminar paper draft due
July 1st    final seminar paper (~20 pages)
July 22rd   final version of slides
~August 1st/2nd  talk of about 35 min + 10 min discussion

Contact your adviser

- with the appropriate results at the given deadlines
- in case of questions (be specific!)

Respect your adviser’s response time!