Seminar: Search and Optimization

1. Organization

Malte Helmert

Universität Basel

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1.1 Organizational matters

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Seminar format

Format

- 3 ECTS points for the seminar
- +3 ECTS points for the optional project extension
- evaluation: pass/fail

Target audience and requirements

Target audience

- MSc students of computer science and related subjects
- PhD students of computer science and related subjects

Requirements

- lecture "Foundations of AI (CS205)" or equivalent knowledge
- C++ programming skills (only for the software project)

. . . or willingness to acquire these on the fly

People

Organizers

Prof. Dr. Malte Helmert

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Florian Pommerening

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Gabriele Röger

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- office: Bernoullistrasse 16, room 510

People

Malte Helmert

Florian Pommerening

Gabriele Röger

Martin Wehrle

Time & place

Seminar

- Time: Thursdays, 14:15-16:00
- Place: Schanzenstrasse 46, seminar room on 4th floor

Project

- free project work
- meetings by appointment

Internet

Seminar homepage

`http://fbi.cs.unibas.ch/index.php?id=89`

- description of seminar
- slides (to appear)
- papers (to appear)
- additional materials (to appear)

Registration:

- `http://mona.unibas.ch/`
- `http://courses.cs.unibas.ch/anmeldung.php`

Plagiarism

Plagiarism

- plagiarism: passing off someone else's work as your own
- consequence: failing the seminar
- if in doubt, ask us!

Learning goals

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Seminar: dealing with scientific literature

- reading and understanding
- explaining and presenting
- comparing and discussing

Project: implementing efficient problem solvers

- practice in C++
- clean and efficient code ($\rightsquigarrow$ code reviews)
- evaluation of algorithms ($\rightsquigarrow$ scientific experiments)

Questions on organization

Questions?