

Seminar: Search and Optimization

1. Organization

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Universität Basel

September 20, 2012

Organizational matters

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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Dr. Martin Wehrle

- **email:** `martin.wehrle@unibas.ch`
- **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 (↔ code reviews)
- evaluation of algorithms (↔ scientific experiments)

Questions on organization

Questions?