FID3011 Research Course in Distributed Systems 7.5 credits

Forskarkurs i distribuerade system

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for FID3011 valid from Spring 2019

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Successfully completed a course in advanced distributed systems, such as ID 2203

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

After successful completion of this course students will be able to:

- present and discuss specialized literature within the field of distributed computing:
- analyze and evaluate applied methods and results from specialized literature within the field of distributed computing:
- evaluate the wider technological and societal implications of recent advances within the field;
- identify new strategic directions for distributed computing enabled by recent advances in the field;
- summarize in writing the contributions from specialized literature within the field.

Course contents

This course is a graduate reading course that will cover significant recent advances in the field of distributed computing. Every participant should find their own relevant research literature, read and analyze its contributions, give a presentation on the material and actively contribute to the group discussions, as well as write a short report on the paper.

Examination

- EXA1 - Examination, 7.5 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

P/F

Other requirements for final grade

The course will be assessed with a Pass/Fail grade, based on a successful presentation, the delivery of a scientifically sound report, and the identification of appropriate papers for the reading list. In addition to this, students must attend at least 75% of all seminars.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.