FDD3021 Survey group on select topics in computer science 6.0 credits

Seminariegrupp om utvalda ämnen inom datavetenskap

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 FDD3021 valid from Spring 2020

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

The student should carry out research on PhD level within computer vision / machine learning or a related field.

Language of instruction

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

Intended learning outcomes

On successful completion of the course, the student should be able to:

- Critically read research articles that treat topics within their specialization and explain their essence to other students,
- Select relevant and high quality articles from the scientific literature for presentation
- Discuss articles with respect to the impact, approach, evaluation methodology, and conclusions.

Course contents

Specialized subjects related to data science and machine learning

Examination

- EXA1 - Report writing, 6.0 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.

EXA1 - Examination, 6.0 credits, Grading Scale P,F

Other requirements for final grade

Active participation in at least 18 sessions including presentation at all sessions. A brief 1 paragraph written summary of each paper should be submitted to the supervisor and recorded.

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.