CS-E4002 - Special Course in Computer Science D: Large-scale Computing and Data Analysis

1 - Course management

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Aalto University
School of Science

Schedule

- Six lecture and discussion slots, Fridays 10:15-12:00

- Final presentations day (to be scheduled later)

- **First lecture**: course management & presentation of the topics

- **Selection of a project topic** either alone/in teams after the first lecture; **submission of the idea** to MyCourses

- **Second lecture**: individuals/teams present their ideas; refining; lecturers prepare relevant background materials and resources and present them

- Third lecture time and onwards: Progress reports, troubleshooting, discussion, presentations-on-demand (by lecturers)

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Passing the course

- **Completing the assignments, being present in the lectures & contributing to the discussions, & presenting the final report of the project to the group == passing the course**

- **Absences** can be compensated by writing a **progress report & suggestions of topics** that should be covered during the next lectures (within the same week).

Resources

- **CSC computing environment**
  - The course has a specific project at CSC, that everybody should be linked to.
    - Existing CSC user name; send it by email, lecturers will link you
    - No account yet? Go to CSC pages and register as a user; send your user name by email; lecturers will link you
    - Don't even want to get a CSC user account? We can get you a temporary one that expires at the end of course. Lecturers will email you one.

- **Relevant git (and equivalent) repositories, when the topics have been solidified**

- **References to relevant literature, when the topics have been solidified**

Communications

- **Zoom links will be posted in MyCourses**

- **Most important notifications in Teams**

- **Course materials in <u>Aalto GitLab</u>**

- **<u>Teams channel</u> for discussions**

Practical tips

- **Remember 5 ECTS → 135 hours of work!**
  - So mostly you have to spend min 2 full days per every week (~16h)!

- **Manage your work like a project**
  - Create a git for your work
    - Github or Aalto GitLab (can be private at the beginning of your study)
    - For all working and output artefacts: code, documents, data, …
  - Continuously update your git with your work progress
  - Using Markdown document and wiki in your git to document your work → they will be your project report

- **Make sure to document licenses/reusable materials clearly**