

CS-E400206 - Special Course in Computer Science D: Large-scale Computing and Data Analysis

1 - Course management

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Schedule

- Six lecture and/or discussion slots, **Wednesdays 13:15-15:00**.
- **Final presentations day** (default: the last lecture time **25th of May**; additional slots to be scheduled later, if needed)
- **First lecture**: course management & presentation of the topics
- **Selection of a project topic** either alone/in groups after the first lecture; **signing up for the relevant topic** in the corresponding Teams channel; create a git-repo, and provide a link for the topic supervisor for follow up
- **Second lecture**: individuals/groups present their plans; setting things up at CSC environment
- **Third lecture time** and onwards: Progress reports, troubleshooting, discussion, presentations-on-demand (by topic supervisors)



Passing the course - with 5 aspects

- Get an identifiable CSC user account, **show some activities** in the course project by **consuming BUs** at the relevant service for your topic.
- **Be present during the lectures**, give a project **update of 1-2 mins weekly**, and contribute to the discussions on other topics
- Versus the end of the course, you will have a **public git-repo** with the **resulting scripts/codes + documentation + lessons learned** on the project in Markdown format.
- **Give a final presentation of max 20 min.** length on your project.
- **Listen to other presentations and participate in the discussion.**

(*) If you cannot participate during the lecture times, you can give your weekly update over a relevant Teams channel.



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, coord. prof. will link you
 - No account yet? Go to CSC pages and register as a user; send your user name by email; coord. prof. 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. Coord. prof. will email you one.
- **Relevant git (and equivalent) repositories (seminar Aalto GitLab, project repos)**
- **References to relevant literature (may be appended during the seminar, when topics get more solidified)**

Communications

- Zoom link for all seminar meetings is posted in MyCourses
- Most important notifications in Teams
- Course materials in Aalto GitLab
- Teams channel for discussions
 - Join with the team code: x24tqmi

Practical tips

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