

SNE-projects 2018-2019

Coordinator:

Cees de Laat

With help of os3 team!

Goals

- To gain practical experience
- To work on real problems in a foreign context
- To (re)gain collaboration skills
- To practice public presentation skills
- To practice data analysis and presentation skills
- To practice defending your solution to a problem
- To practice report writing skills
- To have a good time

Timeline

- Two project months
 - January
 - presentations first week February
 - for us alone
 - Feedback
 - B1.23
 - June
 - presentations First week July
 - in the auditorium with public
 - C0.110

Per project month

- 4 weeks FULL TIME!
 - Week 1:
 - Familiarize
 - Make a concrete work proposal
 - Week 2-3
 - Do the work agreed on
 - Week 4
 - Write report
 - Week 5...
 - In case of RP2 June month also work/report
 - Presentation in Wednesday meeting

Subjects

- Organizations we have relationships with:
 - SURFnet
 - SURFsara
 - UvA - IvI - OS3 - SNE
 - HvA, VU, etc.
 - SME' s
 - Others (inter)national (DELOITTE, KPMG, UNINET, etc.)
- Orientation in October, November, April, May
- Check end of November and in December!
 - Be prepared to defend choice!
- When choosing subjects take into account the master courses given before the project months.

Work proposal

- Latest at Friday of first week
- Should contain
 - Updated description of the problem
 - Research questions
 - Literature / model / theory
 - Research & Experiments to be done
 - Planning
 - Ethical issues section
- Can be basis for report later!

Report

- Should contain
 - Description of the problem
 - Research question
 - Literature / model / theory
 - Research done
 - Experiments or proof of concept done
 - Evaluation of experiments or proof of concept
 - Reflection on Literature / model / theory
 - Ethical issues section
 - Conclusions and suggestions for further research

web link

- Web site:
 - <http://rp.os3.nl>
 - <http://rp.delaat.net>
 - <https://homepages.staff.os3.nl/~delaat/rp/2018-2019/index.html>
- eMail:
 - rp@os3.nl ←= Always!!!
 - delaat@uva.nl
 - If all else fails: cees@delaat.net
(I could use a SNE master :-))
- NOTE:
- Always start subject line with rp# where # is the number of rp you have chosen!
- Advantages: I can find email and do not have to search for rp number.

FinePrint...

Selection

- Preferably do not choose subjects that will be covered in subsequent courses.

working alone or in pairs

- Preference for pairs because:
 - students can help each other when one gets stuck in a problem...
 - investigate more solutions in parallel
 - learn to collaborate
 - contribution of each student must be clear in report and presentation
- However, doing an RP alone is also allowed
- At the presentations pairs get 30 minutes, singles get 20 minutes.

Feedback during RP

- During both RP1 as RP2 a group meeting on the third monday afternoon 15h00.
- Purpose is to exchange progress information and discuss potential or real encountered problems.

Fifth week

- Optionally week 5 of the RP in June is available to continue and finish research.
- Presentation will be on wednesday, report must be submitted by friday of the fifth week.

RP order

- A student must successfully complete RP1 before starting RP2.
- RP1 and RP2 can be done arbitrarily in January or June.
- If failed for RP2, it is allowed to redo a RP2 at any time.

Evaluation

- Advice from the supervisor about the research done on location.
- Advice on presentation and report is welcome.
- this information must be delivered by supervisor before end of fifth week.
- report and presentation are evaluated by the OS3 team.
- Marks for presentation are determined before end of fifth week.
- Evaluation and if needed corrections of report can take up to 6 weeks (pending holidays in july).
- If rest is positive there is an opportunity to correct the report.
- average and the mark for report must be 6 or more and the other marks must be more than or equal 5.

Publication of results

- the marks will be posted on blackboard.

Colloquia

- We aim to schedule colloquia about research in computer science to give more context for the RP's.

Communication

- All communication happens using email addresses from either OS3 or UVA.

Process can be found on the web page.

Process - 1

Selection

- Preferably do not choose subjects that will be covered in subsequent courses.

Working alone or in pairs

- Preference for pairs in rp1, alone in rp2 because (THIS WAS CHANGED AFTER PRESENTATION!)
 - students can help each other when one gets stuck in a problem...
 - investigate more solutions in parallel
 - learn to collaborate
 - contribution of each student must be clear in report and presentation
 - Rp2 preferably alone because individually accountable
- At the presentations pairs get 30 minutes, singles get 20 minutes.

Feedback during RP

- During both RP1 as RP2 a group meeting on the third Monday afternoon 15h00.
- Purpose is to exchange progress information and discuss potential or real encountered problems.

Fifth week

- Optionally week 5 of the RP in June is available to continue and finish research.
- Presentation will be on Wednesday, report must be submitted by friday of the fifth week.

RP order

- A student must successfully complete RP1 before starting RP2.
- RP1 and RP2 can be done arbitrarily in January or June.
- If RP2 failed and is the only course left over, it is allowed to redo a RP2 at any time.

Evaluation

- The grade depends on a weighted average of four sub-grades
 - 40% the research on the subject
 - 20% the report structure and layout
 - 20% the presentation
 - 20% the work at the location, the attitude, etc.

Process - 2

Evaluation

- Advise from the supervisor about the research done on location.
- Advise on presentation and report is welcome.
- this information must be delivered by supervisor before end of fifth week.
- report and presentation are evaluated by the OS3 team.
- Marks for presentation are determined before end of fifth week.
- Evaluation and if needed corrections of report can take up to 6 weeks (pending holidays in july).
- A student has passed if:
 - the grade is equal or higher than 6.0 and
 - none of the sub-grades is less than 4 and
 - the grade for report and research must be 6.0 or higher
 - the end grade averages resulting in 5.5 are always rounded to 6.0

Publication of results

- the marks will be mailed.

Colloquia

- We aim to schedule colloquia about research in computer science to give more context for the RP' s.

Communication

- All communication happens using email addresses from either OS3 or UVA.

Non Goals

- To be the default groups coffee maker
- To do trivial software installs
- To pull cables as main activity
- To sort out all software cd' s
- Etc. etc. etc.

Have fun !

Questions?