Seminar on Current Trends in Software Industry (3 cr / op, 2 cu / ov)

Spring 2008, Thursdays 8-10, C220
Jukka Paakki

– Room C230b
– Office hours: Tue 15:30-16:00, Thu 10:00-10:30
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Language

ü English, since foreign students

Seminar process

– **Objective**: to practice scientific writing, giving a scientific talk, discussing and debating
– **Passing**: (1) written seminar paper, (2) oral presentation, (3) being an opponent, (4) active participation in discussions
– **Grading**: (1) seminar paper 30%, (2) oral presentation 40%, (3) opponentship 10%, (4) activeness in discussions 20%
– **Obligation of attendance**: it is allowed to be at most two times absent (excluding own presentation and opponentship)

Area of the seminar

– *Software industry* : software engineering practices in (Finnish) software companies

§ SE processes
§ SE methods
§ SE techniques

§ Preferably, based on personal work and experiences
§ Or, based on scientific literature

Seminar paper

7 to 10 pages

1. The role of a particular process, method, technique, etc., in software industry.
2. Description of the process, method, technique, etc.
3. Analysis of the process, method, technique, etc., based on literature or personal / company experiences.
4. Structure the same as in scientific papers, as taught in the course on *Scientific Writing* (Tieteellisen kirjoittamisen kurssi).

Must be sent <u>one week before the presentation</u> to Jukka Paakki, to be published in the seminar page (html, pdf, ps): preferably <u>a link</u>

Presentation

60 to 75 minutes

1. Based on the seminar paper.
2. Structure the same as that of the paper.
3. Focus on the most important aspects; the details can be studied in the seminar paper and the references.
4. Not too many technical details.
5. No slides with an excess of text.
6. Use of illustrative examples.
7. Time for questions and discussions both during and after the presentation.

Being an opponent

- The task of the opponent is to activate discussion by asking questions, giving remarks or objections, and pointing out additional aspects.
- Therefore, the opponent must carefully read the seminar paper (and the referenced literature).
- At the end of the presentation the opponent gives a short summary of the topic and her / his opinion of the presentation.

Routine participation

- Everybody must read the seminar paper before the presentation.
- In addition to the opponent, all the others shall also be active in discussions.
- No long monologues: the presenter is the star of the seminar session.

Topics (some references given on the seminar page)