This semester, the computer vision seminar focuses on recognition and categorization processes.

**How to give a good lecture:** Understand your paper well. Possibly look at more detailed versions (Journal version or Technical report). Talk with me (after you read it and at least 2 weeks before the talk). Prepare your lecture and slides carefully, making sure that everybody will understand it. Focus on the following issues: What problem does the paper solve? How is it solved (try to identify and isolate 1-2-3 ideas)? What are the limitations of the solution? Show typical results. Do not forget to practice before your partner.

**A list of papers**
Papers marked by * can be taken only for reviews.

**Representations and metrics**


**Part based and feature based algorithms**


**Special topics**


**Human vision**


**Mini-projects** - Find a partner. Choose an algorithm together with me. Implement the algorithm well, and test it in a nontrivial way. You can use some ready code but you need to get my permission and to code something yourself. Provide a documented m-file (or more than one) and demonstrate it to me. Give a short lecture, with your own results.

**Reviews** - The paper you select should cover non-similar topics and should be approved by me. The review is similar to the reviews done for conference. It should describe the paper with respect to goals, innovation, algorithms, and experimental results, in about two pages. A Word template is available and should be used. The submission dates are: 14.4.13, 12.5.13, 9.6.13.