

## Final presentation information

The final presentation will take place on Dec. 15 9am -12pm, in our regular classroom.

Each person will present a 12-15 talk about a paper of their choice. Two other class members will be assigned randomly to be “opponents” and ask questions after the presentations (although everyone are welcome to ask questions as well). The final grade will be assign as 85% for the quality of the presentation and 15% for quality of questions.

Criteria for the paper selection

1. Relevant to topics discussed in class
2. Published within the last decade (more or less)
3. Published in a peer-reviewed scientific journal (rather than in education-oriented one, like American Journal of Physics).

Once you decide on the paper, please show it to me – I want to make sure that it is at an appropriate level (not too hard or too technical). Please make selection before Dec. 7 – this way I will be able to share the information about presented papers with everyone, so that the opponents have enough time to go through.

When preparing your talks please make sure you clearly present:

- a. Statement of the question/problem/task that motivated the work
- b. Main theoretical concepts the authors used and their relationship to what we discussed during the course
- c. Main results and findings and their significance.

At the same time, there is probably no need to recreate the calculations step by step as a part of the presentation, unless they are significant.