

Randomized Algorithms Seminar

Below we list some tips on how to give a good seminar talk. Note that the lists given below are not complete and that, depending on the paper you present, different criteria might be important.

Any good presentation requires a thorough understanding of the paper. This includes but is not limited to the following:

- You know the main results of the paper and how they extend/improve previously published work.
- You fully understand the proofs of the results, including details.
- You can separate the main proof ideas from calculations and technical details. You can give an outline of the main steps of the proof.
- You are able to answer questions about the paper.

After you have fully understood the paper, you can start preparing your presentation. You should take care to make it accessible to your audience. This includes, but is not limited to:

- Your talk should be structured clearly and the structure should be communicated to the audience (visually/verbally/both).
- You should cover relevant material (but not necessarily every lemma/proposition of your paper). This usually includes a motivation for the problem at hand, related work, the new results of your paper as well as the main steps and ideas of the proof(s).
- You should speak clearly and fluently and emphasize relevant parts.