

Preparing good presentations

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Good Sources for Preparing Presentations

- <https://web.stanford.edu/class/ee384m/Handouts/HowtoReadPaper.pdf>
- <https://homes.cs.washington.edu/~mernst/advice/giving-talk.html>
- <http://www.ifs.tuwien.ac.at/~silvia/research-tips/speaker.pdf>
- <https://www.microsoft.com/en-us/research/academic-program/give-great-research-talk/>

General Guidelines

- Less is more
- Cut and paste is the enemy

About articles

- Most articles are not self-contained
- Explain background
- Build on prev. lectures

How to give a presentation

- What to say and how to say it
- Getting through the audience
- Visual aids

What to say and how to say it

- Communicate the Key Ideas
- Don't get bogged down in Details
 - The best talk make you read the paper
- Structure your talk
- Use Top-Down approach
 - Introduction
 - Body
 - [Technicalities]
 - The Conclusion

Use
Examples

Introduction

- Define the problem
- Motivate the audience
- Introduce terminology
- Discuss earlier work
- Emphasize the contributions
- [Provide a road map]

Use
Examples

The body

- Abstract the major results
- Explain the significance of the results
- Explain the main techniques
- Use enlightening examples
- Demonstrations are welcome

[Technicalities]

- Expert only part
- Show something really interesting beyond the paper/tool

The Conclusion

- **Hindsight** is clearer than Foresight
- Give open problems/further work
- Indicate that your talk is over

Know your audience

- Background

Getting through the Audience

- Use Repetitions
- Remind, don't assume
- Don't over-run
- Maintain Eye Contact
- Control your voice
- Control your motion
- Take care of your appearance

Visual Aids

- PowerPoint transparencies
- Don't overload transparencies
- Don't use too many transparencies
- Use Overlays Properly
- Use Color Effectively
- Use Pictures and Tables
- The blackboard can be used too

Don't overload transparencies

- The input of the program can be arbitrary.
- Let x be a prime number, i.e., all the numbers $z < x$ do not divide x .
 y be the next prime number, i.e., etc.
- Arbitrary input
- Prime number x
 - The next prime y

Use overlays (im)properly

- Item 1
 - Item 1.1
 - Item 1.2
- Item 2
 - Item 2.1
 - Item



Use colors properly

- Item 1
- Item 2
- Item 3

The End

<http://www.cs.tau.ac.il/~msagiv/courses/blockchain.html>