# of your presentation 

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## General Remarks

■ You have exactly 10 minutes! (typically this means 7-8 slides)
■ Get ppt 2007 or later - it is worth it
■ Use proper visuals as much as possible, avoid text-only slides

- Don't put an overview or organization slide - the talk is too short
- For the very motivated, check out this small guide http://people.inf.ethz.ch/markusp/teaching/guides/guide-presentations.pdf


## Typical Organization I

- Algorithm that you consider (maybe 2 slides)
- State problem that it solves (input:..., output: ...)
- If possible visualize how it works or show high-level pseudocode
- State asymptotic runtime
- Cost analysis (cost measure, exact count)
- Baseline implementation (briefly explain), maybe show already performance plot and extract percentage of peak
- Optimizations you performed
- Briefly discuss major optimizations/code versions
- Maybe explain the most interesting in a bit greater detail
- Any analysis (e.g., profifling) you performed is interesting - show the result
- If too much, explain only some things and just state the rest


## Typical Organization II

- Experimental results
- Very brief: Experimental setup (platform, compiler)
- Performance plot over a range of sizes with different code versions
- Extract overall speedup
- Every project is different - so adapt as needed
- Focus on the most interesting things, don't explain everything that will be in the final report.


## Try to Make Nice Plots

DFT $2^{\text {n }}$ (single precision) on Pentium 4, 2.53 GHz
[Gflop/s]


