Title of your presentation

Jane Doe
Hans Müller
General Remarks

- Pay attention to the length: e.g., 10 minutes typically means 7–8 slides
- Use proper visuals as much as possible, avoid text-only bullet slides
- Don’t put an overview or organization slide – the talk is too short
- For the very motivated, check out this small guide
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., profiling) 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
  - Make sure you also push input size to the limit in the experiments
  - 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** $2^n$ (single precision) on Pentium 4, 2.53 GHz

[Gflop/s]