# Presentation – Discussion

## General guidelines

* Get templates for slides (TU logo + faculty)
* Get template for coloured chapters (at the bottom)
* Graphs too small, need to be readable!
* Explain **EACH** graph / formula in **DETAIL** if present
* Explain everything you put in the presentation in detail!
* Omit too detailed sections – provide slides as backup
* Don’t discuss related work in your main slides!!
  + one could get the impression that I did it
* It’s too little time to explain everything
  + Focus on 1-2 things to explain in detail, point to other similar topics
* Use same bullet points throughout the whole presentation!
* Consistent description for tables, graphs etc.
* Don’t put too much content on slides, in general. Few bulletpoints or graph

## Guidelines for Content

* Three main parts of presentation
  + Research Problem
  + Methodological Approach
  + Results
* Show a shocking picture / slide at the beginning, catch attention!
  + omit Overview
* Research problem
  + Show a map of data centers to introduce the topic (and refer to it later)
    - explain how to map VMs to DCs, what is the problem etc.
* Methodologies instead of introduction
* First 15 minutes should only contain high level descriptions
* Do not put related work content within the presentation, put in backup slides!
  + otherwise it may seem that content is self produced

## Notes per Slide

* Slide 1: Fine, Cover Slide
* Slide 2: Omit Overview, put “shocking” picture / slide
* Slide 3: Fine but move to research problem
* Slide 4: Problem description instead of goals
* Slide 5: Mention the “2 big blocks” in the problem description
* Slide 6: Fine, explain motivation and impact of topic
* Slide 7: Put main contributions into problem description (Research Problem)
* Slide 8: Explain graph in detail, what each curve means, why it is important, what do the highs and lows mean etc.
* Slide 9: If present, explain each and every fc model in the taxonomy
* Slide 10: Only explain one or two of the models in detail, leave others out
* Slide 11: Only put 1 or 2 measures, explain in detail why each one is needed, what it does, reason to use so many different acc measures etc.
  + Tip: Show 1 measure in a graph related to forecast method -> move to evaluation?
* Slide 12: Explain in detail, mention that weights need to be evaluated!
* Slide 13: No “useless” graphs, only put graphs with meaning, and explain!
  + Move to Main Contributions (Research Problem)
* Slide 14: Periodogram too small, don’t display formulas if not explained
  + Tip: Maybe emphasize frequencies with colors
  + Which method has been used (fourier etc.)?
  + Omit?
* Slide 15: Explain in detail, what do descriptions mean? (Abbreviations of energy markets)
  + highlight best / most important results
  + explain each row / column (trainingsperiod / forecast method)
* Slide 16: Omit simulation parameters, emphasize penalty costs!
  + Put penalty costs to research problem?
  + Tip: Link parameters with map
* Slide 17: Put information into a table
  + Pick one scenario + explain in detail
  + Then refer to other scenarios
  + Tip:: Display parameter as checkbox
* Slide 18: Utility – omit?
  + Too much information
* Slide 19: Put mapping from abbreviations to scenario names in a table below
  + only include 1 chart + 1 table!
* Slide 20: Only provide 1 chart + 1 table!
* Slide 21: Provide excel tables -> consistent
  + Tip: Display cost reductions from 1.0 (baseline) to lower values
* Slide 22: Last slide: proudly present results

## Open Questions

* How to deal with citations (in graphs / on slides?)
  1. Don’t show them at all
  2. Provide citations directly
  3. Provide bibliography at the end
  4. Omit graphs / content from other works
     + how then to discuss related work?

## Guidelines for Presentation

* Don’t use fill words (so much) – ah, äh etc.
  + Sentences must come quickly and consistently, convincing!

(wie aus der Pistole geschossen)

* Stand boldly – Present yourself!
* Prepare and practice your Presentation!!
  + Practice in front of the mirror
  + Record your talk
  + Practice in front of a family member / friend
* Check beamer and settings in presentation room a few days before
  + How does it look like from front / back?
* Talk to the whole audience
  + look in back / front row
  + Talk with your audience!
* **Be confident – it’s YOUR thesis, defend yourself!!**