Project Presentations

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Modeling in Industry, Science, and Government”
by Craig Gunn and Charles R. MacCluer.
Outline of this Presentation

1. Do’s and Don’ts of general slide presentations:
   (a) Why using slides?
   (b) What are good slides?
   (c) How to present slides well?

2. Essentials of a good project presentation:
   (a) accessible to your peers
   (b) reflects content of your technical report
   (c) some practical details
1.1 Why using slides?

- Secure structure: good slides guide the presenter and prevent omission of important aspects.
- While not so good for mathematical derivations, it is suitable for listing topics and presentation of facts.
- Precise presentation of data, like pictures and tables.
1.2 What are good slides?

- Do not include entire paragraphs, except for quotes.
- Do not overload slides: at most 10 lines per slide.
- Your audience has a limited attention span, so make the slides self-contained.
  Do not assume your audience will remember details on previous slides.
1.3 How to present slides well?

- Do not read the slides, but tell a story.
  Long lists of items on slides tends to be boring.
- Keep eye contact with your audience.
  Try to tune the pace of your talk to your audience.
  Make your point, slides can glide away unnoticed.
- Be mobile and flexible.
  Provide transition sentences between slides.
2.1 What is a good project presentation?

- Know your audience.
  Your talk must be accessible to your peers
- The presentation is independent from the technical report, because your peers have not read the report.
- It is similar to the “executive summary”, How would you tell the boss about your work in 10 minutes?
2.2 The content of the presentation

- Problem statement and motivation. Be precise.
- What did you do? Why did you do it this way?
- Summary of the data: tables and pictures.
- Results and conclusions.
2.3 Some practical details

- \LaTeX\ or PowerPoint provide uniformity.
- Handwritten slides are flexible.
- Duration: 10 to 15 minutes.
- No more than 8 slides.
- Rehearse with your team members.