Some Hints on Oral Presentations

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Outline

- Introduction
- Getting Started
- Preparing Visual Aids
- Time Limits
- Practice and Evaluation



Introduction

- Professional Oral Presentations
 - Need to convey technical content
 - Usually have a strict time limit
 - Expect a knowledgeable audience
 - Use a formal presentation style



Getting Started

- Organize your talk with an introduction, the outline, body, and summary or conclusion.
- Refer back to the outline frequently: let the audience know where you are in the talk
- Include only facts or concepts that can be explained adequately in the allotted time.
- Rehearse the presentation so you can confidently deliver it in the allotted time.



Getting Started (cont.)

Consider:

- What are the two or three key points I want the audience to remember?
- What would most surprise the audience about this information?
- What if visual aids don't work?
- What if I find out I have less time than planned?
- What if someone asks a complicated question right in the middle of the presentation?
- Have a clear and professional conclusion: not "well, I guess that's it."



Visual Aids

- In general, do not just read from a prepared script. Use an outline or note cards as topic reminders
- Arrive early enough to familiarize yourself with the microphone, slide controls, laser pointer, A/V staff, etc.
- Do not read text from the screen



- Every time you display a slide the audience needs time to interpret it.
 - Describe the abscissa, ordinate, units, and the legend for each curve.
 - If the shape of a curve or some other feature is important, tell the audience what they should observe in order to grasp the point.
- Superfluous animation, display effects, sounds, blinking text, etc., should be avoided
- Use the pointer only when necessary



- Allow one minute of your talk for each slide, e.g., aim for 12 slides in 15 minutes
- Minimize the number of text lines and graph curves.
 - More than 12 lines of text or 5 curves are too many to be comprehended within one minute.
 - Too little is better than too much.



- Characters should have a height at least 1/40 of the total frame height.
- Black lines or white lines on a solid background are more legible than colored lines: avoid using color to distinguish data.



- Verify that the presentation format matches the available projection equipment.
- Laptop, DVD, overhead slides, or VHS tape: make sure such a player will be on hand—and test it in advance!!



Time Limits

- Know how much time you have been allotted: never exceed the time limit, and avoid leaving lots of extra time
- PRACTICE in front of a critical audience with a stop watch
- Keep track of time during the presentation
- Never try to "fly through" the last set of slides if time has run out: PREPARE to "cut to the chase" if necessary

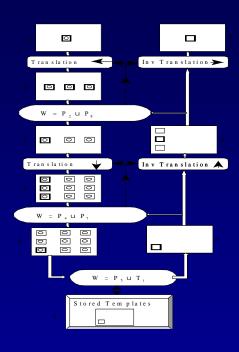


Practice and Evaluation

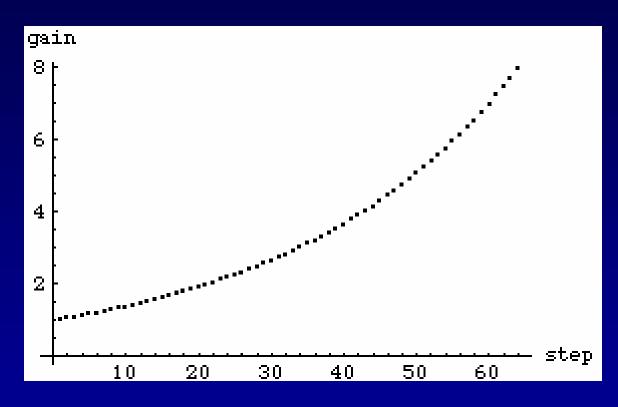
- Public speaking takes practice: you need to do it to get better at it
- Solicit critical feedback from others
- Practice good posture when facing the audience, pointing to slides, etc.
- Work on speaking clearly and evenly



Examples



Too small, and poor choice of line colors.



Crude text style, but conveys the point



Examples

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- Pascarelle, S.M., Pinezich, J., Merritt, R.L., Kelly, T.A., Roman, B., and Maher, R.C. (2004), "Automated acoustic monitoring of bird strike hazards," 6th Annual Meeting of the Bird Strike Committee USA/Canada, Baltimore, MD, September, 2004.
- Rabiner, L. R., Rosenberg, A. E., and Levinson, S. E. (1978), "Considerations in Dynamic Time Warping Algorithms for Discrete Word Recognition," IEEE Trans. ASSP, 26(6), 575-582.

Why show so many lines? No one can read it!

