Presentation Skills 2: Preparation

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Delivery

- To present is to impress.

- Let the presentation guide your experiments.

- Presentation is performance.

Outline

- Structure

- Process

- Tools

Structure: VSNC (Winston, 2020)

- **V**ision

- **S**teps

- **N**ews

- **C**ontribution

Structure

Structure

- Context, motivation, problem, promise, teaser (**V**ision)

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- Context, motivation, problem, promise, teaser (**V**ision)

- [Outline]

Structure

- Context, motivation, problem, promise, teaser (**V**ision)

- [Outline]

- Approach (**S**teps)

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- Context, motivation, problem, promise, teaser (**V**ision)

- [Outline]

- Approach (**S**teps)

- Experiments (**N**ews)

Structure

- Context, motivation, problem, promise, teaser (**V**ision)

- [Outline]

- Approach (**S**teps)

- Experiments (**N**ews)

- Conclusion (**C**ontribution)

Tips

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- Spiral: gradually narrowing down the scope

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- Informal theorems and results

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- Spiral: gradually narrowing down the scope

- Informal theorems and results

- Blending related work

- Defending your work

- Creative openings: anecdotes

- Deduction with examples

Example 1
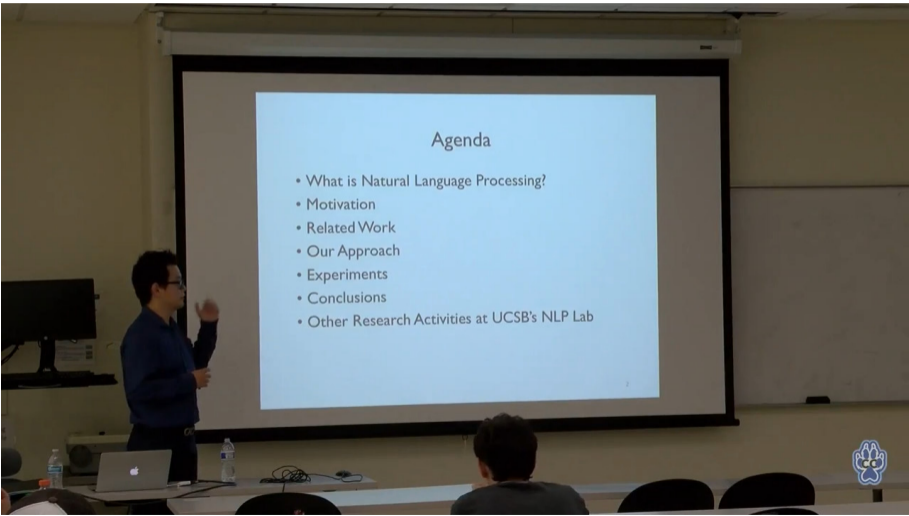
https://www.youtube.com/watch?v=EFKuLa0eomA&t=45s

Example 2

https://www.youtube.com/watch?v=qs2aO8tTxNs

Dos and don'ts

- Avoid vacuous outlines.

- Don't point. Highlight.

- Show charts, not raw numbers.

- Animate the charts.

Vacuous outlines

Example 3

https://www.youtube.com/watch?v=s7DqRZVvRiQ&t=6m10s

Process

Fast prototyping

Process of making slides

Process of making slides

- Revise and experiment different orders

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- Make a few key slides and their accompanying lines to say

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- Spend a lot of time

  talk : preparation $\in \left\{ 1 : 25, \quad 1 : 50, \quad 1 : 100 \right\}$

Process of making slides

- Revise and experiment different orders

- Make a few key slides and their accompanying lines to say

- Draft, even with pen and papers

- Spend a lot of time

  talk : preparation $\in \left\{ 1 : 25, \quad 1 : 50, \quad 1 : 100 \right\}$

- Make figures and animations last

Tools

Tools

Don't spend too much money...

Slides

- LaTeX

- TikZ/PGF

- Beamer

- matplotlib/gnuplot

Pointer

Microphone and monitoring

Microphone and monitoring

sam
@samuelmehr

a lot of academics seem unhappy with their experience recording lectures & their "zoom fatigue" from long days of videoconferencing.

I'm a scientist who studies music and sound. I hope this thread will help.

here is Taylor Swift on stage. look what's in her ear!

1/

1/

https://twitter.com/samuelmehr/status/1309672535190102016

https://twitter.com/samuelmehr/status/1329502890143195136

Camera and lighting

Camera and lighting

https://www.youtube.com/watch?v=R35IgX30xlc&t=3m16s

OBS, virtual camera, and virtual microphone

- OBS Studio

- v4l2loopback

- pulseaudio

Drawing tablet

Lightboard

Lightboard

https://www.youtube.com/watch?v=7UvtU75NXTg
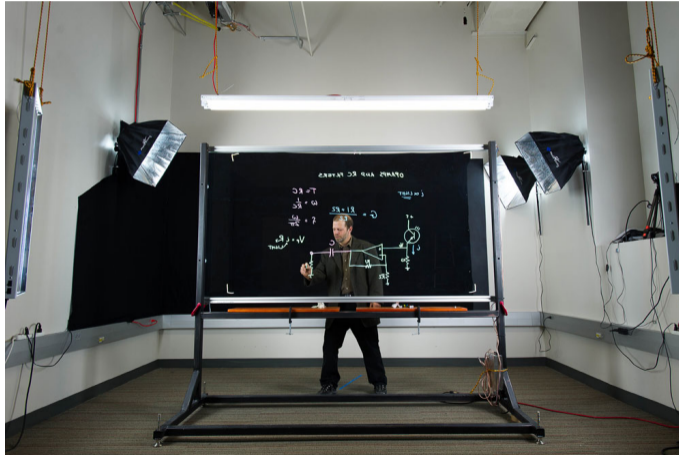
Conclusion

- To present is to impress.

- Presentation is performance.

- Prototype and experiment different structures.

- Slides support; slides hint.

Giving and taking advices on presentation

- Vocal fry or creaky voice

- Uptalking

- Linguistic discrimination

IP presentation

- Prepare a short video.

- Follow a structure.

- Talk about the plan.

- Talk about the progress.

- What could you have done better in hindsight?