

Midyear Talk Guidance

1. Overall structure of talk
2. Tips for a better slide

Suggested Structure

1. Title slide

→ Your name, advisor/group, collaborator ... funding.

2. Outline (*optional*)

→ You should at least go over it verbally.

3. Introduction/Motivation

→ Big picture motivation.

→ Specific research objectives.

4. Theory & Methods

5. Results




6. What's Next ?

6. Conclusion/Outlook

→ Summarize main results.

→ Schedule for future work.

Suggested Structure

1. Title slide  *required*
→ Your name, advisor/group, collaborator ... funding.
2. Outline (*optional*)  *required for long talks*
→ You should at least go over it verbally.
3. Introduction/Motivation
→ Big picture motivation.
→ Specific research objectives.
4. Theory & Methods
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6. What's Next ?
6. Conclusion/Outlook  *required*
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variable structure

Structure is project
and thesis-specific
(content is required)



Recurring Outline Slide

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Solution: Once your done with a section of the talk, briefly show your ***outline slide*** to show the talk's progress.

→ It provides a breather/pause.

→ It's a signal to pay attention again (if you're lost).

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$$E = mc^2$$

energy *mass* *speed of light*

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$$E = mc^2$$

The diagram shows the equation $E = mc^2$ with three purple arrows pointing to the variables. The arrow pointing to E is labeled "energy". The arrow pointing to m is labeled "mass". The arrow pointing to c^2 is labeled "speed of light".

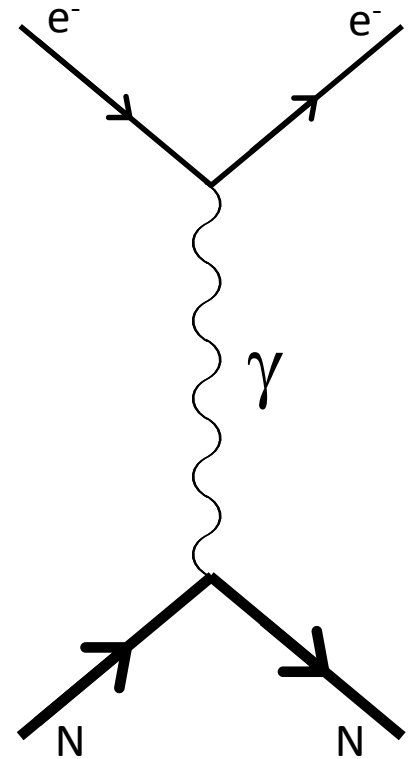
- Animate slides by progressively revealing contents.

More tips

- One big idea/concept/point per slide.
- Include a “graphic” on each slide.
 - Helps keep audience’s attention.
- Colorful slides.
- Avoid crowded slides.
- 1 - 1.5 minutes per slide.
- Avoid derivations.
 - if you must, then “animate” derivation.

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References

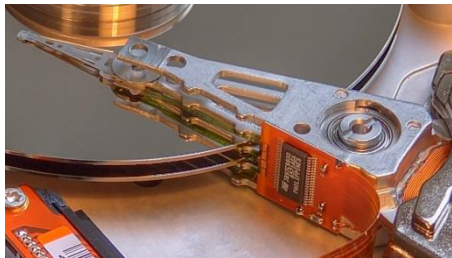
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 - use small font.
- Do **not** use a “references slide” at the end of talk.
- Cite figures from papers, internet art, etc ...

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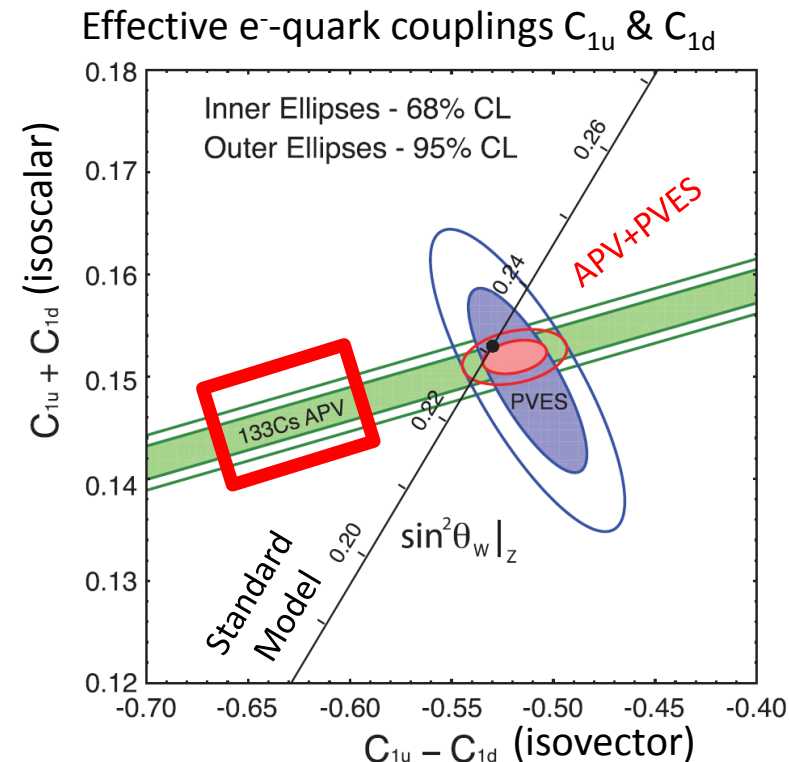
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[wikipedia.org]



[figure adapted from Qweak collaboration,
Phys. Rev. Lett. **111**, 141803 (2013)]

Practice your Talk

- Once: order of magnitude improvement.
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- Once: order of magnitude improvement.
- 2nd time: factor of ~3-5 improvement.
- 3rd time: factor of ~2-3 improvement.
- Don't memorize talk.
 - practicing helps you at the start of slide.
- Notes can be helpful.
- Practice with friends.
 - Feedback can identify big improvements.

Conclusion

- Good luck !!!
- Come see me if you have questions.
- Practice your talk.