

Seminar Presentation Guidelines

Course Goals:

- Cover advanced topics & important recent papers in CV & DL.
- Learn how to give a good talk.

Course Requirements:

- Attend all lessons
- Read the weekly assigned material (usually 1 paper/week).
- Give a presentation on one topic.

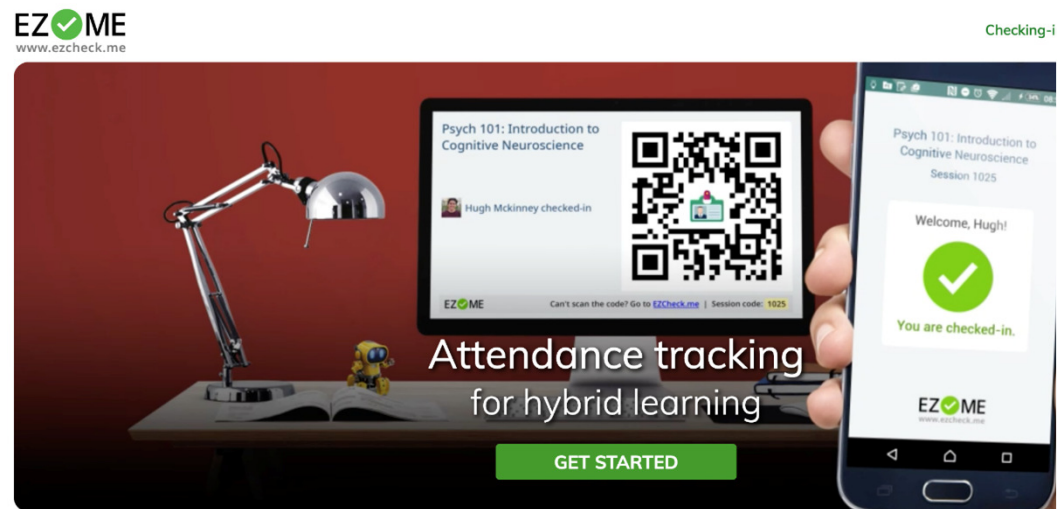
Submit the slide presentation to me **by Thursday night.**

- Select the reading assignment for your topic
(send me a week ahead).

Attendance:

- Class attendance is mandatory.
- A student missing a lesson due to force majeure reasons (Miluim, sickness, etc.) must submit a written summary of the missing lecture consisting of no less than 3 pages.
- No more than 2 missing lectures are permitted.

For attendance registration we use EZCheck.me



Grades will be based on:

- Quality & clarity of presentation
(the ability to present the material in a clear and simple way)
- Level of understanding of the material.
- Active participation in class in other lessons.
- Fulfillment of reading assignments + Attendance
- Time Planning (submission on time as well as timed presentation)

Behavior Code:

- We respect the lecturers: No cellphones, open laptops or other reading materials.
- All student must listen to the lecture.
- If by zoom: All cameras should be open so the lecturer can see the attendees.

Plagiarism:

Every slide taken from another source (or a large part of it) must have a comment: “This slide is taken/adapted from”.

At least 50% of the presentation should be your own work.

Guidelines and milestones:

1. Read the assigned papers
2. Search the internet for other good sources (lectures, blogs, videos, posts)
3. Construct an outline of your presentation (itemized)
4. Send me an outline structure of your presentation
5. Build your presentation
6. Send me your presentations to get comments
7. Practice your presentation and verify you're in the time frame
8. **Give your presentation**

What makes a good talk: *DOs & DON'Ts*

- Turn a *bunch of papers* → into a *single coherent topic/story* (not just a laundry list of papers...)
- Focus on the main message; skip unimportant/minor details.
- Refrain from too many equations → difficult to follow in a talk! (keep only critical ones; try to illustrate/explain things visually)
- If an equation is important and must be in the talk:
 - ❖ go over it slowly
 - ❖ explain it intuitively through a simple example or a special case.
- Whatever was difficult for you to understand, will also be difficult for the class to understand! So think how to explain it in a simple intuitive way; help the class understand it.

What makes a good talk: *DOs & DON'Ts*

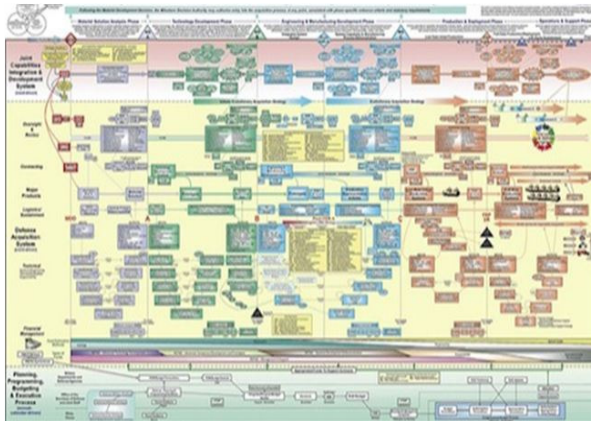
- These are not 2-3 separate talks (papers one after the other), but a single unified & coherent talk.
- You may find that you need to read more papers than those listed (to better understand/explain the material; background material, etc.)
- You may need to give a short Introduction to the topic to make the talk self-contained (e.g., background material, important tools or prior-knowledge they rely on, etc.)
- BUT... Please restrict the Introduction to no more than 10-15 min (to leave enough time for the actual talk topics).
- Please review with me ahead of time your planned material for the talk. Any change in the selection of papers (this is sometimes appropriate) must be approved by me.

What makes a good talk: *DOs & DON'Ts*

- Time your talk: The lessons are 1.5 hour *including* questions.
 - ❖ Plan for a 60 min talk.
 - ❖ Rule of thumb – 1 slide per minute (very rough estimate).
 - ❖ Do a dry-run to time yourselves!
 - ❖ Have someone else listen to your talk to make sure it is clear.

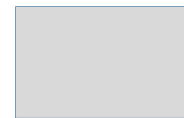
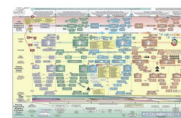
What makes a good talk: *DOs & DON'Ts*

- Don't clutter slides with too much text!
 - ❖ Visual slides are better than textual slides!
 - ❖ Fonts must be large (at least 24 pts).
 - ❖ Equations must be VERY LARGE.
- Usually one message per slide (conveyed by the title of the slide).



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Format

- It is recommended (not mandatory) to use PowerPoint .
- Slide Format should NOT be widescreen (use 4:3 or overhead).
- Fonts must be large (at least 20 pts).

This is 24 pts, This is 20 pts. This is 16 pts.

- Equations must be even larger.

Equations

Respect your equations

$$\min_G \max_D V(D, G)$$

- Equations must be large!!.
- Write your equations with the MS Office equation editor. Avoid capturing equations (copy-paste) from the original paper.
- If you copy/paste figures/tables from original paper, make sure the resulting copy is not blurry. Expand the figure before capturing. Expand approx. two times the size of the final size.

$$\min_G \max_D V(D, G) = \mathbb{E}_{\mathbf{x} \sim p_{\text{data}}(\mathbf{x})} [\log D(\mathbf{x})] + \mathbb{E}_{\mathbf{z} \sim p_{\mathbf{z}}(\mathbf{z})} [\log(1 - D(G(\mathbf{z})))].$$

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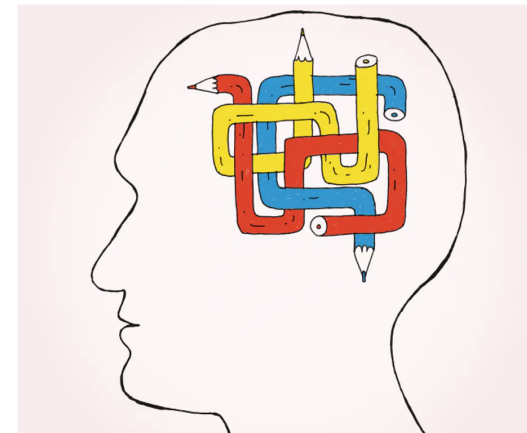
Figure and Images

- Same goes for Images and figures.
- Make sure they are not blurry!!
- If you copy/paste from original paper, make sure the result is not blurry. Expand the figure before capturing. Expand approx. two times the size of the final size.
- Do NOT copy figure captions!!!

~~Figure 5:
My Brain blurred (left).
My Brain sharp (right)~~



Blurred



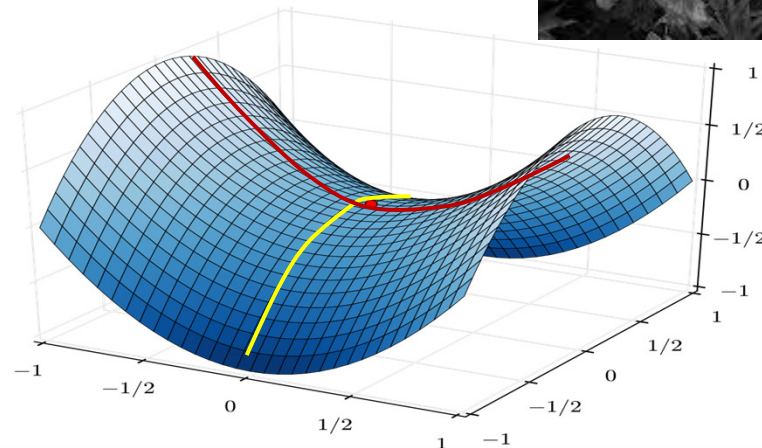
Sharp

Format

- Keep the same **notations** and the same **format** over the entire presentation.
- Choose bold colors and make sure the BG and BF have good *luminance* contrast.

min max

min max



Format

Background

		Background								
		Red	Orange	Yellow	Green	Blue	Violet	Black	White	Gray
Foreground	Red		Poor	Good	Poor	Poor	Poor	Good	Good	Poor
	Orange	Poor		Poor	Poor	Poor	Poor	Good	Poor	Poor
	Yellow	Good	Good		Poor	Good	Poor	Good	Poor	Good
	Green	Poor	Poor	Poor		Good	Poor	Good	Poor	Good
	Blue	Poor	Poor	Good	Good		Poor	Poor	Good	Poor
	Violet	Poor	Poor	Good	Poor	Poor		Good	Good	Poor
	Black	Poor	Good	Good	Good	Poor	Good		Good	Poor
	White	Good	Good	Good	Poor	Good	Good	Good		Good
	Gray	Poor	Poor	Good	Good	Poor	Poor	Poor	Good	

Example Presentations

Several PowerPoint presentations are provided as examples:

[ImageRetrieval_shape.pdf](#)

[NavigationImageRetrieval.pps](#)

[ShapeRepresentation1.ppt](#)