

Slide Show

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Why this Lecture?

- ▶ Communication is important.
 - ▶ every where
 - ▶ in any job
 - ▶ for a teacher
 - ▶ for a researcher
 - ▶ for an industrial ...
- ▶ No improvisation, need of preparation, training etc ...
- ▶ You will be evaluated on a presentation at the end of the year!

Did you already give a talk?

Did you already give a talk?

If yes, how many?

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If yes, how many?

Did you already get a lecture "how make a presentation ?" ?

Did you already give a talk?

If yes, how many?

Did you already get a lecture "how make a presentation ?" ?

It is easy to do BAD presentations ...

Background Color

- ▶ ... Put strange background color
- ▶ basics color **red** **green**, white, black, **blue** or **yellow**.
- ▶ We can generate more with
`\colorlet{mauve}{blue!70!red}`

Goals of this Lecture

- ▶ Realize: it is easy to do a bad talk.
- ▶ Shape is important
- ▶ But structure and content are also
- ▶ Be ready for your next talk
- ▶ Conception is crucial and it takes time.

Outline

Introduction and Motivation

Worst Slides

- Visibility

- Readability

- Understanding

- Pleasure

Content

- Audience

- Goal

- Problematic

- Introduction/Conclusion

- Questions and Interactions

- Presentation is not a text

Other Small Details that Make the Difference.

Conclusion

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Botching of a talk in 20 examples ...

inspired from Dieudonne Leclercq's talk.

- ▶ Visibility
- ▶ Readability
- ▶ Understanding
- ▶ Pleasure

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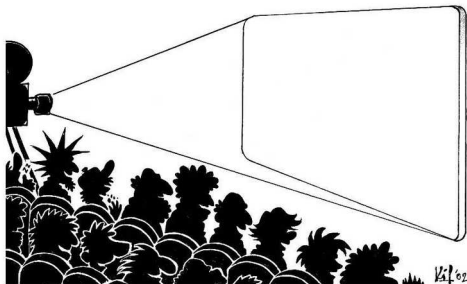
Questions and Interactions

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Conclusion

Visibility



1. Area of visibility
2. Hiding a part of the screen
3. Size of the slides

Beamer projection area

First

- ▶ Paint the walk in extra color not white
- ▶ a small screen

GET 25% of blinds

Beamer projection area

First

- ▶ Paint the walk in extra color not white
- ▶ a small screen

GET 25% of blinds

Second

Use only half of the screen

GET 50% of blinds

Beamer projection area

First

- ▶ Paint the walk in extra color not white
- ▶ a small screen

GET 25% of blinds

Second

Use only half of the screen

GET 50% of blinds

Third

Use useless decoration on your slides

GET 75% of blinds.

Hiding part of the screen

- ▶ with the beamer
- ▶ Yourself



Size

`\tiny` Example tiny

`\scriptsize` Example scriptsize

`\footnotesize` Example footnotesize

`\small` Example small

`\normalsize` Example normalsize

`\large` Example large

`\Large` Example Large

`\LARGE` Example LARGE

`\huge` Example huge

`\Huge` Example Huge

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Readability

1. Fonts
2. Background color
3. Animation

Fonts

Using strange fonts can be a real disadvantage, **please avoid it...**

`\rm` Roman: This is an example of Roman

`\bf` Bold: **This is an example of Bold**

`\sf` Sans Serif: This is an example of Sans Serif

`\it` Italic: *This is an example of Italic*

`\em` Emphatic: *This is an example of Emphatic*

`\sl` Slanted: *This is an example of Slanted*

`\sc` Small Caps: THIS IS AN EXAMPLE OF SMALL CAPS

`\tt` Typewriter: This is an example of Typewriter

Background Color

- ▶ ... Put strange background color
- ▶ basics color **red** **green**, white, black, **blue** ou **yellow**.
- ▶ We can generate more with
`\colorlet{mauve}{blue!70!red}`

Animation

It is horrible ;-)

Brain will focus on the animation ...

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Understanding

1. Talk during reading ;-)
2. Screen is no a text
3. Crazy Laser
4. Finger pointer
5. Emphasing everything
6. All information at once
7. Sound and movement
8. confusing vague information

Talking during reading

No one would have believed in the last years of the nineteenth century that this world was being watched keenly and closely by intelligences greater than man's and yet as mortal as his own; that as men busied themselves about their various concerns they were scrutinized and studied, perhaps almost as narrowly as a man with a microscope might scrutinize the transient creatures that swarm and multiply in a drop of water. With infinite complacency men went to and fro over this globe about their little affairs, serene in their assurance of their empire over matter. It is possible that the infusoria under the microscope do the same. No one gave a thought to the older worlds of space as sources of human danger, or thought of them only to dismiss the idea of life upon them as impossible or improbable. It is curious to recall some of the mental habits of those departed days. At most terrestrial men fancied there might be other men upon Mars, perhaps inferior to themselves and ready to welcome a missionary enterprise.

Screen is not a Text

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Crazy Laser

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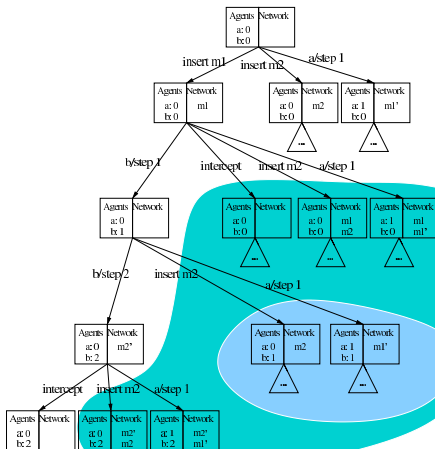
Point with your finger

No one would have believed in the last years of the nineteenth century that this world was being watched keenly and closely by intelligences greater than man's and yet as mortal as his own; that as men busied themselves about their various concerns they were scrutinized and studied, perhaps almost as narrowly as a man with a microscope might scrutinize the transient creatures that swarm and multiply in a drop of water. With infinite complacency men went to and fro over this globe about their little affairs, serene in their assurance of their empire over matter. It is possible that the infusoria under the microscope do the same. No one gave a thought to the older worlds of space as sources of human danger, or thought of them only to dismiss the idea of life upon them as impossible or improbable. It is curious to recall some of the mental habits of those departed days. At most terrestrial men fancied there might be other men upon Mars, perhaps inferior to themselves and ready to welcome a missionary enterprise.

Emphasizing

No one would have believed in the last years of the nineteenth century that this world was being watched keenly and **closely** by intelligences greater than man's and yet as mortal as his own; that as men busied themselves **about their various concerns** they were scrutinized and studied, perhaps almost as narrowly as a man with a **microscope** might scrutinize the transient creatures that swarm and multiply in a drop of water. With **infinite complacency** men went to and fro over this globe about their little affairs, serene in their **assurance of their empire** over matter. It is **possible** that the infusoria under the microscope do the same. No one gave a thought to the older worlds of space as sources of human danger, or **thought of them only** to dismiss the idea of life upon them as impossible or improbable. It is curious to recall some of the mental habits of those **departed days**. At most terrestrial men fancied there might be other men upon Mars, perhaps inferior to themselves and ready to **welcome** a missionary enterprise.

All information at once



Sounds and moves

Without no link with the talk, disturb the attention

Useless or vague info

You can see the third James bond on the picture



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Other Small Details that Make the Difference.

Conclusion

Pleasure

1. Discovery
2. Speak to the screen
3. Force to take note
4. Time over passing
5. No way to contact you

Discovery

Find a famous name

*CL * O * A **A*

Too much or not enough kill the pleasure of discovery.

Discovery

Find a famous name

*CL * O * A **A*

Too much or not enough kill the pleasure of discovery.

CLEOPATRA

Screen speaking



Screen speaking



Force to take note

Give paper version of your slides
keep place for notes ;-)

Time Over passing



Do not give way of contact you

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ONE GOOD SLIDE IS:

- ▶ SIMPLE (one idea, no sentence, few words 7+-2)
- ▶ MINIMAL (“Nothing can be deleted”)
- ▶ COHERENT (shape and content)
- ▶ ATTRACTIVE (colors and graphics)
- ▶ INDISPENSABLE (“UNDELETABLE”)

Why do it ?

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Why do it ?

It will help the understanding of your message

Few advises:

- ▶ one idea per slide
- ▶ rule of 6 by 6
- ▶ telegraphic style
- ▶ metaphors, images talk more than a long text
- ▶ time : \approx 2 minutes per slides
- ▶ uniform presentation: background, color, font (Arial, no Time), size (\approx 24)

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Who are you?

You are your first audience.

- ▶ do a talk you like
- ▶ introduce yourself
- ▶ explain honestly your feelings...

A talk for who?

Identify your audience:

- ▶ Language (**English**/French)
- ▶ Junior / Senior
- ▶ Prior knowledge?
- ▶ Who should understand your talk?
- ▶ Level of detail

Recalls or not?

Recalls or not?

No

- ▶ Losing your time
- ▶ Everybody knows it
- ▶ Borrowing the public..

Recalls or not?

No

- ▶ Losing your time
- ▶ Everybody knows it
- ▶ Borrowing the public..

Yes

- ▶ Defining a clear common vocabulary
- ▶ Frustrating someone who does not know
- ▶ Starting slowly your talk
- ▶ Introducing basics
- ▶ Catching audience attention

Recalls or not?

No

- ▶ Losing your time
- ▶ Everybody knows it
- ▶ Borrowing the public..

Yes

- ▶ Defining a clear common vocabulary
- ▶ Frustrating someone who does not know
- ▶ Starting slowly your talk
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SO DO IT.

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A Talk for What?

Always identify a goal

According to

- ▶ Audience (number, age, background etc ...)
- ▶ Time
- ▶ Kind of presentation
- ▶ Your interests
- ▶ Your abilities
- ▶ Your material

YOU SHOULD LIKE YOUR GOAL ...

in order to do a good talk.

A Talk for What?

Scientific Dissemination

Your talk is the reflect (image) of

- ▶ yourself,
- ▶ your lab
- ▶ your results
- ▶ your abilities to solve open problems
- ▶ your capability to talk, present, explain etc ...

A Talk for What?

Lecture

Your aim is to teach something to somebody:

- ▶ Verify what they already know (recalls anyway)
- ▶ Explicit what they should learn (focus)
- ▶ Identify step by step where you are in the objectives
- ▶ Recall at the end main key ideas

A Talk for What?

Audition for a Job

Your aim is to convince the committee:

- ▶ Check the time you have
- ▶ Ask which kind of presentation they want to see
- ▶ Present yourself in any case
- ▶ Be honest, clear and yourself

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Define a Story...

You should find a clear and nice way to bring your audience to your goal.

- ▶ Define a problematic in order to catch the attention of the audience.
- ▶ Identify the problem and after offer a way to reach a solution
- ▶ Try to not lose the audience, keep the contact.
- ▶ Recall often where you are in the story..
- ▶ Repetitions are welcomed

DO NOT FORGET:

The audience do not know where you are going ...

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Introduction

1. First Slide
 - ▶ Title of the talk, authors, affiliation (HAT) ...
 - ▶ Presentation of you, your co-author, your institution, lab.
 - ▶ Thanks the organizer to be there (be polite ;-))
2. Motivation
3. State of the art
4. Problematic
5. Outline

INTRO = YOU + STORY + GOALS

Conclusion

1. Summary:

- ▶ Recall problematic
- ▶ your solution
- ▶ technique used
- ▶ main result, concept, idea to bring home

2. Next:

- ▶ unsolved questions
- ▶ open problems
- ▶ possible extensions
- ▶ Questions ...

Link between parts

- ▶ Keep the audience in your story (image, humor, break ...)
- ▶ Show clearly your progression
- ▶ Try to introduce your next slide, parts, chapter

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Conclusion

Before and during the talk

- ▶ Offer the possibility to the audience to ask questions
- ▶ Ask questions to the audience
- ▶ Answer to the questions

After the Talk

- ▶ Offer the possibility to the audience to ask questions
- ▶ Answer to the questions being:
 - ▶ Reformulating the question for the audience and to be sure to answer the right question
 - ▶ Honest
 - ▶ Clear and simple

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“Talk is not reading”

You + Audience + Goal = INTERACTIONS

- ▶ DO NOT read your slides
- ▶ DO use your slide
- ▶ DO NOT be passive
- ▶ DO see and answer questions
- ▶ DO NOT speak too fast
- ▶ DO speak louder enough
- ▶

Use the fact that you are there in front of your audience...

Your goal should not to present a formula, but ideas

SHOW TIME

“Talk is not reading”

You + Audience + Goal = INTERACTIONS

- ▶ DO NOT read your slides
- ▶ DO use your slide
- ▶ DO NOT be passive
- ▶ DO see and answer questions
- ▶ DO NOT speak too fast
- ▶ DO speak louder enough
- ▶

Use the fact that you are there in front of your audience...

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SHOW TIME

Of course, it will be detailed in the next part ;-)

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Check

Organize your talk in advance

- ▶ Microphone
- ▶ Laser
- ▶ Compatibility PC
- ▶ Screen size
- ▶ Remote
- ▶ Watch
- ▶ Paperboard
- ▶ Room disposition

YOU

- ▶ Your Position
- ▶ Your wearing
- ▶ Your Voice

Too fast, too slow how to know?

- ▶ Preparation
- ▶ Estimation
- ▶ Ask audience
- ▶ Let them think
- ▶ Ask the audience

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Recall

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Important Things to Bring Home

- ▶ Slide show is not a REPORT, LECTURE NOTE ...
- ▶ Be on time (departure/arrival;-))
- ▶ Training and preparation are crucial (it takes time)
- ▶ Define a STORY, a GOAL according to you AUDIENCE
- ▶ Do everything you can to give your best.

ENJOY YOUR TALK

Thanks for your attention

Questions ?

Chinese Proverb

“I heard, I forget

I see, I remember

I do, I understand”

Confucius