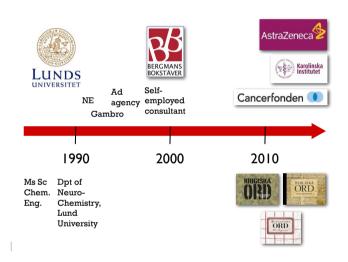
Presentation techniques & PowerPoint

Olle Bergman

M.Sc. Chemical Engineering

"Communications Consultant, Public Speaker & Professional Writer with a passion for people, science, language & history."









- Poor emotional engagement.
 Strong, yet dys-
- 2. Strong, yet dysfunctional conventions.
- 3. Widespread DIY culture.

Basic principles of communication

g why rhetoric is still relevant in AD 2015

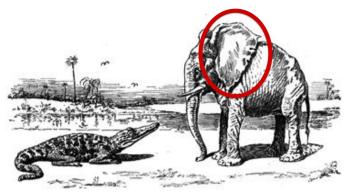






- ▶ Transfer information?
- Create understanding?
- Convince opponent?
- Sell an idea or a product?
- Influence decisions?
- CHANGE THE WORLD!!





What ...

- ... do they know?
- ... do they want?
- ... do they need?
- ... motivates them?



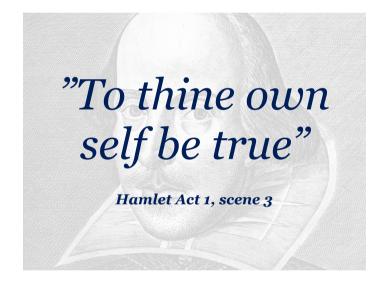
SURVIVAL SECURITY HIERARCHY REPRODUCTION

What ...

- ... do they think they know?
- ... do they want to be?
- ... makes them feel insecure?
- ... boosts their ego?









Understand the limitations at hand.







- Exordium
- ▶ Introduction
- Narratio
- ▶ Background
- Propositio
- ▶ Thesis
- Probatio
- ▶ Proof
- Refutation
- ▶ Refutation
- Peroratio
- ▶ Conclusion

- Title
- ▶ (Abstract)
- Introduction
- Materials & Methods
- Results
- Conclusions
- References
- Acknowledgements

ETHOS PATHOS LOGOS











Attention

Interest

Desire

Action













▶Who? ▶When?

▶What? ▶How?

Where? → Why?

Public Speaking

- 1. Have a clear goal.
- 2. Let structure be the foundation of improvisation.
- 3. Interact with your listeners.
- 4. Simplify your slides.
- 5. Have fun & enjoy the moment.

Preparations

THE FIVE Canons of Rhetoric ACTIO

MEMORIA

ELOCUTIO

DISPOSITIO

INVENTIO



1. Analyze the task.

2. Define your goal.

3. Pick your messages.

4. Analyze the target group.

5. Decide a strategy.

6. Compile your material.

7. Plan the delivery.

8. Structure & simplify.

9. Try out and practice.

Ana yze the ask

- Goal?
- Main message?
- · Target group?
 - a). How create confidence?
 - b). How inspire them?
 - c). Facts, feelings or trust?
- · Type of presentation?
- · Content?
 - a). What to include?
 - b). How to structure it?
 - c). How to show it?
- · Any gimmick?
- · How interact?
- · How start and finish?



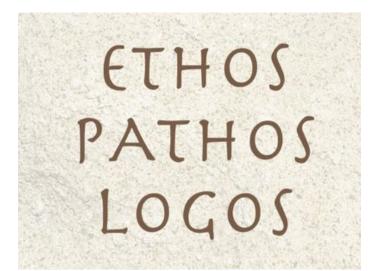
- Teach?
- Sell?
- Convince?
- ...?

Pick our mes ges.



Analy, e the target yroup.

Decide a stratigy.



Compue your mail ial.





Plan the delivery.







Structure & site of lify

- ·Less text.
- •No "nice to know" data.
- ·Simpler graphs.

Troput & prostice

Delivering your stuff

Use your eyes.

Ask things.

Be silent.

(Use the "B" key)

Project your enthusiasm towards the listeners.

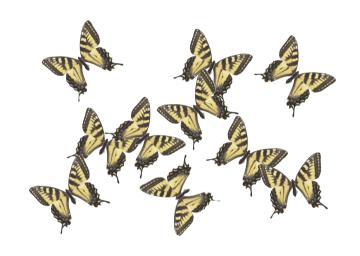
Change the pace & take breaks.

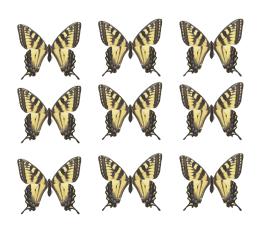






This is a PowerPoint slide which I show to remind you that it is very boring when the speaker turns his head away from the audience and just reads from the slides.







- Write a manuscript (but don't use it).
- Learn an opening.
- Use the headline method.
- Start with an exercise or a demonstration.
- Dress up or down.

PowerPoint





Winston Churchill





Fundamentals

PowerPoint is not compulsory.

People and things are more interesting than slides.

Perception & motivation is not limitless.

Simplicity is bliss.

Describe things in sequence.

Love your subject & show it.

Design principles

"If you want your audience's attention, don't distract them!"

Guy Kewney











Obstacles are made to be removed.





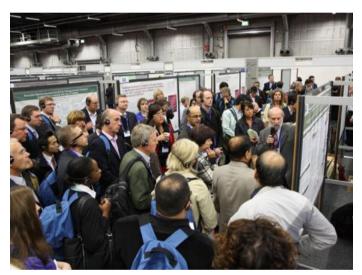
- 1. Use stickies for planning.
- 2. Incubate your presentation.
- 3. Minimize the data/ink ratio.
- 4. Standardize the layout & typography. Use photos and think BIG.
- 5. Tell your story in sequences, structure them with title slides.

Research posters

Why attend a scientific meeting?

- Educate yourself.
- ▶ Set your benchmarks.
- Get new ideas.
- Get feedback on preliminary results.
- Market your research and your group.
- Network.





Basics

View it as an illustrated abstract.

Two main elements:

- data displays
- supporting text.



Simplicity is bliss.

Don't be too creative.

Prepare your verbal explanations.