Scientific communication Łódź, 23 november, 2017

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





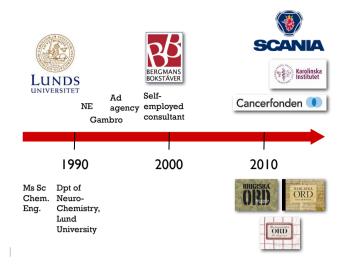


Sigismund Zygmunt III Waza 1566–1632

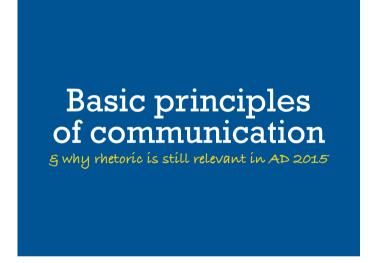
Kung av Sverige 1592–99

Król Polski i wielki książę litewski 1587–1632









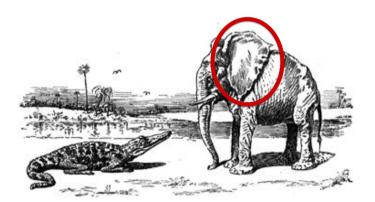






- ▶ Transfer information?
- Create understanding?
- Convince opponent?
- Sell an idea or a product?
- Influence decisions?
- CHANGE THE WORLD!!





What ...

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

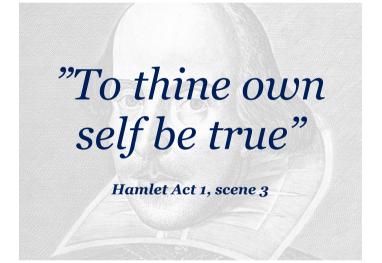




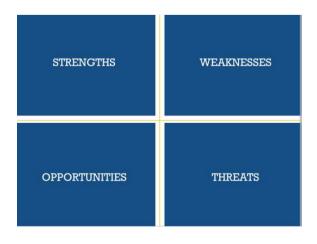
What ...

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

















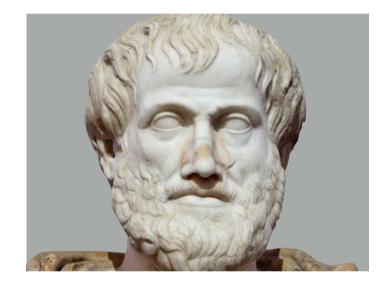






- Exordium
- ▶ Introduction
- Narratio
- ▶ Background
- Propositio
- ▶ Thesis
- Probatio
- ▶ Proof
- ▶ Refutation
- ▶ Refutation
- Peroratio
- ▶ Conclusion

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















Attention

Interest

Desire

Action













The inverted pyramid

Really interesting stuff

Not so interesting stuff

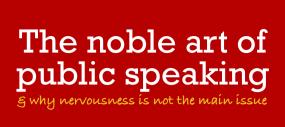
▶What? ▶Who?

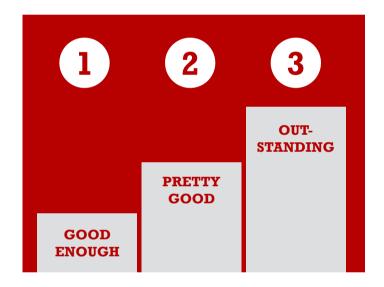
▶When? ▶Why?

▶Where? ▶How?



- 1. Define your task.
- 2. Analyze your target group.
- 3. Know yourself
- **4.** Understand the limitations at hand.
- 5. Seek inspiration in all types of communication.







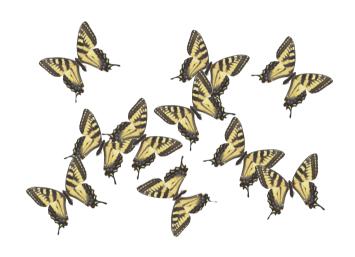
Love your stuff – and show it!

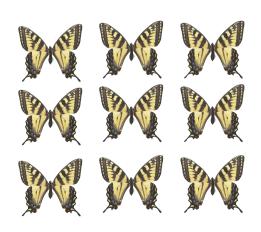














- Define your main messages.
- Follow a preparation protocol.
- ·Practice.

Task

1. Analyze the task.

2. Define your goal.

3. Pick your messages.

Content

4. Decide a strategy.

5. Compile your material.

6. Structure & simplify.

Delivery

8. Plan the delivery.

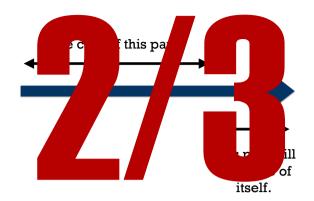
9. Try out and practice

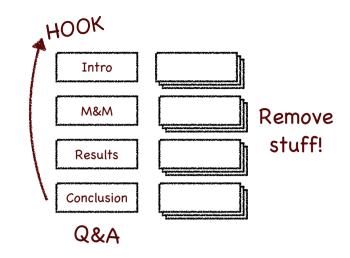


- Work in sequence (1 item/slide).
- Remove the slide junk.
- Make the text, charts& images BIG.
- Reduce the number of bullet lists (< 25%).

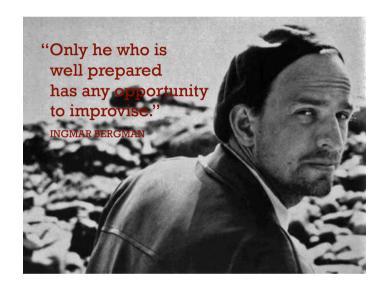


- ▶ Humanitarian importance?
- Innovation potential?
- Economic impact?
- Association to well-known subject/person/context?
- Contradiction/Mystery?
- ▶ Demonstration?





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











Project your enthusiasm towards the listeners.

Use your eyes.

Ask things.

Change the pace & take breaks.

Be silent.

(Use the "B" key)

Use the space

- 1. Start preparations by defining main messages.
- 2. Use Post-It notes to build a structure.
- 3. Invent a hook.
- **4.** Prepare for 2/3 of the time.
- **5.** Show your enthusiasm.

PowerPoint & Posters

with a clear message

"PowerPoint corrupts"

"Death by PowerPoint"

"PowerPoint is evil"

"PowerPoint makes you stupid"

Do the planning before the slides.

One item/slide.

Max 25% bullet point slides



- Keep it simple.
- •Think in sequence
- •Focus on the visual.



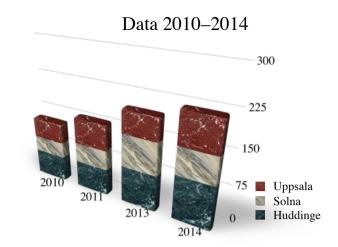


Obstacles are made to be removed.

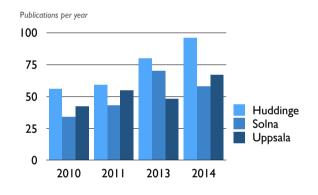




data/ink ratio



Huddinge produces most publications four years in a row





1. PURPOSE

2. ENVIRONMENT

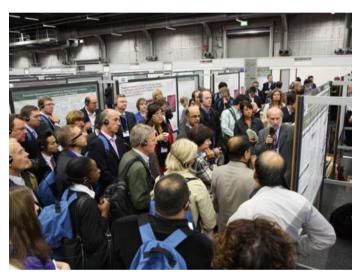
Why attend a scientific meeting?

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

"The primary purpose of presenting a poster is to complement yourself as you network with other scientists."

Matt Carter: Designing Science Presentations







Stand alone presentation

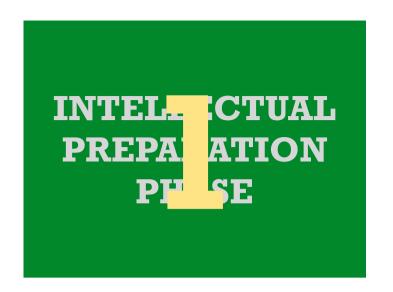


Backdrop to oral presentations

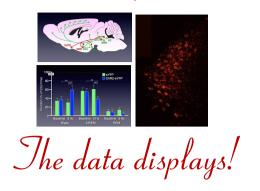
Detailed & complete



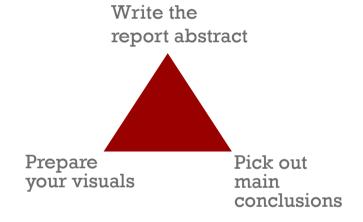
Appealing & accessible.

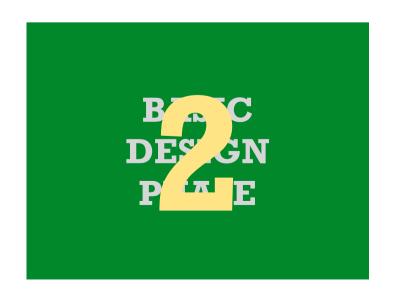


The stars of the show



An illustrated ABSTRACT





Decide a logical order.

Write brief text for the different components.

Start designing! (PPt or InDesign)

B II G

Add more text ... but keep it concise!

Let the content breathe!

Don't be too creative!





Work on the title.

Remove stuff.

Increase the data/ink ratio in the visuals.

Prepare your verbal explanations.













IMRAD article writing



Scientific presentations

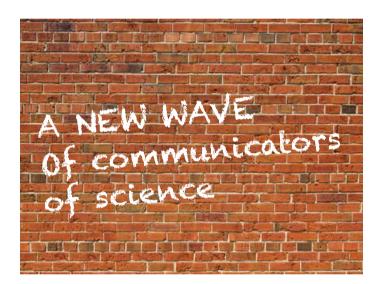


Science dissemination



General communication











Scientists - Scientists

Science Students
Teachers

Scientists Officials
Students Politicians
PhD students Healthcare
Corporations NGOs
Entrepreneurs Influencers

