



To give your audience an intuitive feel for the main idea
 To make them foam at the mouth

with eagerness to read the paper

The purpose of your talk...

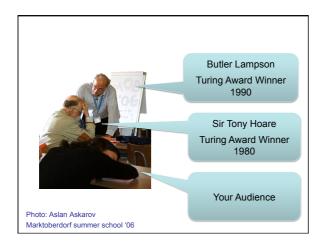
■ To engage, excite, provoke them

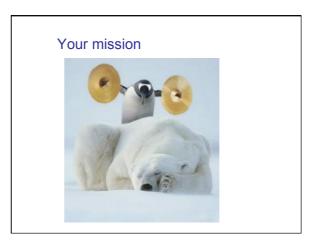


## Your Actual Audience The audience you would like

- Never heard of you

  Have read all the earlier papers
- Thoroughly understand all the relevant theory of cartesian closed endomorphic bifunctors Have seen it. Wish they hadn't
- Are all agog to hear about the latest developments in the work Like, whatever
- Are fresh, alert, and ready for action Mmm wine with lunch...







### What to put in

- 1. Motivation (20%)
- 2. The key idea (80%)
- 3. There is no 3

### Motivation

You have 2 minutes to engage your audience before they start to doze

- Why should I tune into this talk?
- What is the problem?
- Why is it an interesting problem?

# Motivation: Examples VISA VI

### Motivation: Examples

**Example:** Parallelization of C/C++ legacy code is difficult, labor-intensive and error-prone.

Nema Labs has developed a methodology that allows programmers to parallelize ordinary C/C++ code without reasoning about parallelism.

### The Middle

- The motivation is the beginning of the story
  - Introduce the main characters
  - Make you care about them
  - Make sure you know who is the bad guy
- The middle is the meat of the story. You should have at least one technical nugget

### The key idea

If the audience remembers only one thing from your talk, what should it be?



# Examples are your chief weapon

- To motivate the work
- To convey the basic intuition
- To illustrate The Idea in action
- To show extreme cases
- To highlight shortcomings

When time is short, omit the general case, not the example



### What to leave out



### Outline of my talk

- Background
- The FLUGOL system
- Shortcomings of FLUGOL
- Overview of synthetic epimorphisms
- π-reducible decidability of the pseudo-curried fragment under the Snezkovwski invariant in FLUGOL
- Benchmark results
- Related work
- Conclusions and further work

### No outline!

"Outline of my talk": conveys near zero information at the start of your talk

- But maybe put up an outline for orientation after your motivation
- ...and signposts at pause points during the talk

### Technical detail



Figure 1. Typing Rules

### Omit technical details

- Even though every line is drenched in your blood and sweat, dense clouds of notation will send your audience to sleep
- Present specific aspects only; refer to the paper for the details
- By all means have backup slides to use in response to questions

### 3. Presenting your talk



### Do not apologise

- "I didn't have time to prepare this talk properly"
- "My computer broke down, so I don't have the results I expected"
- "I don't have time to tell you about this"
- "I don't feel qualified to address this audience"

### Start Preparation Early, Finish Late

- By starting early you have time to
  - Practice your talk
  - Give a trial run for a friendly audience
  - Improve, improve, improve
- By finishing late you
  - Keep what you want to say fresh in your mind
  - Make connections to other talks

### Fault tolerance

- Always have a backup on a memory stick
  - and/or in the cloud (Dropbox)
- Test your laptop with the beamer if you get a chance
- Learn to start your presentation gracefully
- Be wary of using laser pointers
  - Parkinson's syndrome

### How to present your talk

By far the most important thing is to

## be enthusiastic



### **Enthusiasm**

- If you do not seem excited by your idea, why should the audience be?
- It wakes 'em up
- Enthusiasm makes people dramatically more receptive
- It gets you loosened up, breathing, moving around
  - •The hard part: you can't really fake it

### The jelly effect



### What to do about the n-n-nerves

- Script your first few sentences precisely (=> no brain required)
- Move around a lot, use large gestures, wave your arms, stand on chairs

You are not a wimp. Everyone feels this way.

### Being seen, being heard

- Point at the screen, not at the overhead projector, not at the laptop's screen
- Speak to someone at the back of the room, even if you have a microphone on
- Make eye contact
- Watch audience for questions...

### Presenting your slides

A very annoying technique

- is to reveal
- your points
- one
- by one
- by one, unless...
- there is a punch line



### Presenting your slides

And remember, it is never a good idea to put lots and lots of text on your slide. It's hard to read for the audience. Its probably even worse if you just plan to read it out loud. Well actually, you will probably get half way through reading it and then decide that maybe it wasn't such a good idea after all. Er then what should I do. Maybe just be quiet for a bit so you can read it yourself. The audience has already opened their laptop and started to read their email.



**Animate Judiciously** 

### Fonts & Readability

- Never, ever, go below 24 point font
  - This is what 24 point looks like on this projector
- Feel free to make the font size considerably larger.
- If possible, adjust the presentation to the specific environment

### Colours

- Take care with choice of colours and backgrounds
- 5% of your audience are likely to be colour blind

Haha what a bunch of losers

### Mechanics of Slide Production

Powerpoint, Prezi, ooffice, latex, notepad...?

No hard and fast rule (in academia). Good and bad talks can be made with any technology.

Some tend to be more bad than good.

### **Live Demos**

Need to be super well-prepared Live coding:

- think about font, colours, and window size long before your actual talk
- make sure you know how to navigate

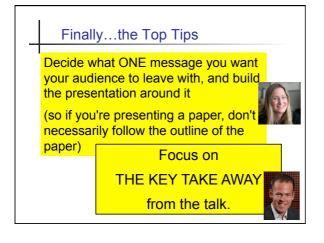


### Finishing

# Absolutely, without fail, finish on time

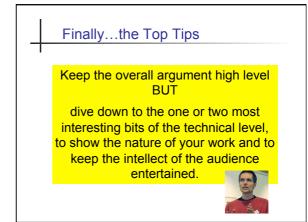
- Audiences get restive and essentially stop listening when your time is up. Continuing is very counter productive
- Simply truncate and conclude
- Never say "would you like me to go on?" (it's hard to say "no thanks"!)

# Finally...the Top Tips from the Pros

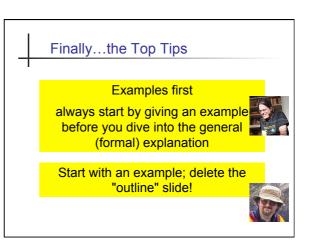
















Learn from the great talks that you attend: what made them great?

Pick up ideas for what to do and what to avoid

