

**DON'T
PANIC**

bonus slides

Don't Panic

– or –

how to survive a PhD

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UNIVERSITÄT
DES
SAARLANDES



CISPA
HELMHOLTZ CENTER FOR
INFORMATION SECURITY



max planck institut
informatik

Attending a Conference

Attending a Conference



Attending a Conference



Attending a Conference

Talk to people at all occasions

- after presentations, in coffee breaks, ~~in rest rooms~~

Plan which sessions/presentations to attend

- combination of topic and presenter

Make the most out of a poster presentation

Attending a Conference

Talk

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Plan

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A DATA-DRIVEN SKETCH OF WIKIPEDIA EDITORS

ROBERT WEST**
INGMAR WEBER*
CARLOS CASTILLO*

Y!

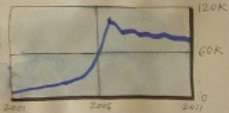
WIKIPEDIA IS...

IMPORTANT DIFFERENT LOSING EDITORS

"largest and most popular reference work on the Internet"

Source: Wikipedia

"The free encyclopedia that anyone can edit."



CURRENT INFO SOURCE

WIKIPEDIA EDITOR SURVEY

1. How old are you? **28** (median)

2. What is your gender? ☒ male ☐ female (87%)

3. What is your highest degree?
☐ high school ☐ college ☐ Master's ☐ PhD (61%)

HERE: COMPLEMENTARY INFO FROM WEB-USAGE LOGS:

Y! SEARCH

YAHOO! TOOLBAR

BUT WHO DOES?

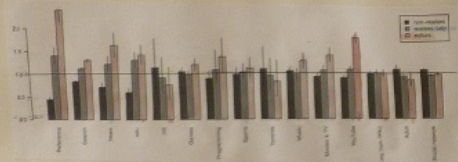
1

EDITORS HAVE MORE ONLINE TIME

3x AS MUCH AS READERS-ONLY

9x AS MUCH AS NON-READERS

- BUT HOW DO THEY SPEND IT?



13K EDITS ON 5.1K ARTICLES BY 1.9K EDITORS

5.3K EDITOR-ARTICLE PAIRS

1334276331 Af_fHtx8 <http://eigenbraeu.de>
 1334282011 Af_fHtx8 <http://en.wikipedia.org/w/index.php?title=&action=submit>

"EDIT" IF ALSO IN WIKI LOGS

/w/index.php?title=&action=submit

(40% ENTERTAINMENT-RELATED)

3 USER GROUPS

41%

58%

.09%

NON-READERS

READERS-ONLY

EDITORS

2

HOW DO EDITORS DIFFER MOST?

47% OF VARIANCE (PCA)

EXPLAINED BY...

+

MORE ENTERTAINMENT

-

MORE SCIENCE & NEWS+MEDIA
 LARGER EDITS
 HIGHER CHANCE OF BEING LOGGED IN
 MORE EDITS PER USER

3

ARE THEY EXPERTS?

MEAN EXPERTISE PER CATEGORY

4.16 SPORTS	1.92 BUSINESS
2.70 TECHNOLOGY	1.80 HEALTH
2.66 NEWS+MEDIA	1.68 SCIENCE
2.16 HUMANITIES, LAW + SOCIAL SCIENCE	1.65 ENTERTAINMENT
2.03 SHOPPING	1.54 ARTS
	1.53 HOBBIES

EDIT CAT. →

"CO-EXPERTISE"

EXPERTISE CAT. →



SAMPLE 1,000 SEARCH QUERIES PER EDITOR: Q_e

INTEREST_e(a): $\frac{1}{|Q_{e,a}|} \sum \text{sim}(q,a)$

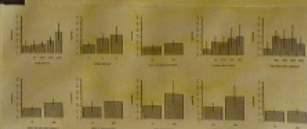
INTEREST_r(a): $\frac{1}{|Q_{r,a}|} \sum \text{sim}(q,a)$

EXPERTISE_e(a): $\frac{\text{INTEREST}_e(a)}{\text{INTEREST}_r(a)}$

FUTURE IDEAS

- HOW DO READERS BECOME FIRST-TIME EDITORS?
- USE RESULTS TO TARGET PROMISING READERS DURING EDITOR RECRUITMENT

CORRELATES OF EXPERTISE:



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Make the most out of a poster presentation

- engage people, offer free candy and advertise it

Combine a conference with visits

- universities and institutes nearby

Attending a Conference

Talk to people at all occasions

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Plan which

- combining

Be as active as possible.
It is boring if you're not.

Make the most out of a poster presentation

- engage people, offer free candy and advertise it

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Giving a Presentation

**DON'T
PANIC**

Surviving on Stage

Just a few things to remember

The **medium matters** as much as the message

- it is all about **confidence**

Realise that **you** are the expert

- attendees want to **learn** what **you** discovered

It is **not** a competition (anymore)

- your paper was accepted, now it is about **advertising**

The Body shapes the Mind

How you **feel**
influences how you **behave**.

The Body shapes the Mind

How you **behave**
influences how you **feel**.

The Body shapes the Mind

How you **behave**
influences how you **feel**
influences how you **behave**

Carney D.R., Cuddy, A. J. C., Yap, A. J. (2010). Power Posing: Brief Nonverbal Displays Affect Neuroendocrine Levels and Risk Tolerance. *Psychological Science*, 21, 1363-1368.

The Body shapes the Mind

Only **two** minutes of
power posing reduces stress
levels **and** changes behaviour

Carney D.R., Cuddy, A. J. C., Yap, A. J. (2010). Power Posing: Brief Nonverbal Displays Affect Neuroendocrine Levels and Risk Tolerance. *Psychological Science*, 21, 1363-1368.

Power Posing



Amy Cuddy (2012) Your Body Language Shapes Who You Are, TEDglobal

Power Posing



Amy Cuddy (2012) Your Body Language Shapes Who You Are, TEDglobal

Power Posing





Giving a Presentation



DEATH BY POWERPOINT

Giving a Presentation

Don't overestimate your audience

- Go sloooooow on technical details – or **leave out**

Don't overestimate your **time**

- 90-100 seconds per normal slide

Who on earth invented overview slides?!?

- Introduction, ... Experiments, ... Conclusions

Clearly **emphasize** the key points

- Visually *and* audibly

Think about the **take-home** message

- say thanks on the last slide, keep the conclusion **visible**

Get **feedback** on all aspects and **practice**

Giving a Presentation

Don't overestimate your audience

- Go sloooow on technical details – or **leave out**

Don't overestimate your **time**

- 90-100 seconds per normal slide

Who o

- Intro

Highlight the key points.

Clearly **emphasize** the key points

- Visually *and* audibly

Think about the **take-home** message

- say thanks on the last slide, keep the conclusion **visible**

Get **feedback** on all aspects and **practice**

The Pitch

You're taking an elevator with Donald Trump

- Donald: "So, what are you working on?"

You: ...

The Pitch

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The Pitch

You're taking an elevator with Donald Trump

- Donald: "So, what are you working on?"

You: ...

Forces you to focus on the essential,
see the big picture, get others excited,
and remember **you & your work**

The Pitch

HOW EXCITING!!
PLEASE TELL ME
MORE!!



The Pitch

Perhaps even more important: **Cocktail Party Pitch**

- Next family reunion
- “My child does something with computers.”

So, how is your work useful?

The Pitch

Perhaps even more important: **Cocktail Party Pitch**

- Next family m
- "My child do

S



ul?

The Pitch

Perhaps even more important: **Cocktail Party Pitch**

- Next family m
- "My child do

Think of a 60 sec summary of your work.
Ask **jv@cispa.saarland** for feedback.



The Thesis

In CS, typically a collection of papers

- in the best case on a related topic

Rewrite per-paper introductions

- there'll be a long introduction

When you don't know what to write

- just write something

It will take longer than you think

- even if you expect it to take longer than you thought

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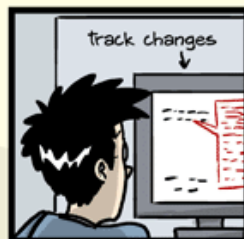
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JORGE CHAN © 2012

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In CS, "easy" if you have published.
But, takes longer than you think.

- just write

It will take

- even if yo



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