

Publishing - The Bane of Research

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10th Fluffy (SmiLee), 18th-20th March 2009, Grandpré,
MON

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a cause of great distress or annoyance

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- archaic something, typically poison, that causes death

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Anecdote I

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Conference paper/talk

- “New” problem definition
- “Novel” approach (for the first time)
- “New” results

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All of which **you** did, **YEARS** ago

Of course not cited!

Anecdote II

Paper review

Reviewer: relevant related work

- Very similar, maybe advanced
- Older
- Completely unknown to you

Who's to blame?

AI (positive reading):

- Student didn't know
- Supervisor didn't bother or didn't know
- Reviewer didn't know or didn't realize

Cooperation bias



Cooperation bias

CURRENTLY DISPLAYING: "Jiawei Han"



Who's... (cont.)

A2 (positive reading):

- Authors: too small venue, no follow-up
- Community: didn't build on it
- Maybe supervisor
- You!

How to cope?

AI:

- Tell them **BUT** what if ignored/rejected?
- Vengeful non-citation?
- Paper/Tutorial establishing Deutungshoheit?

Deutungshoheit

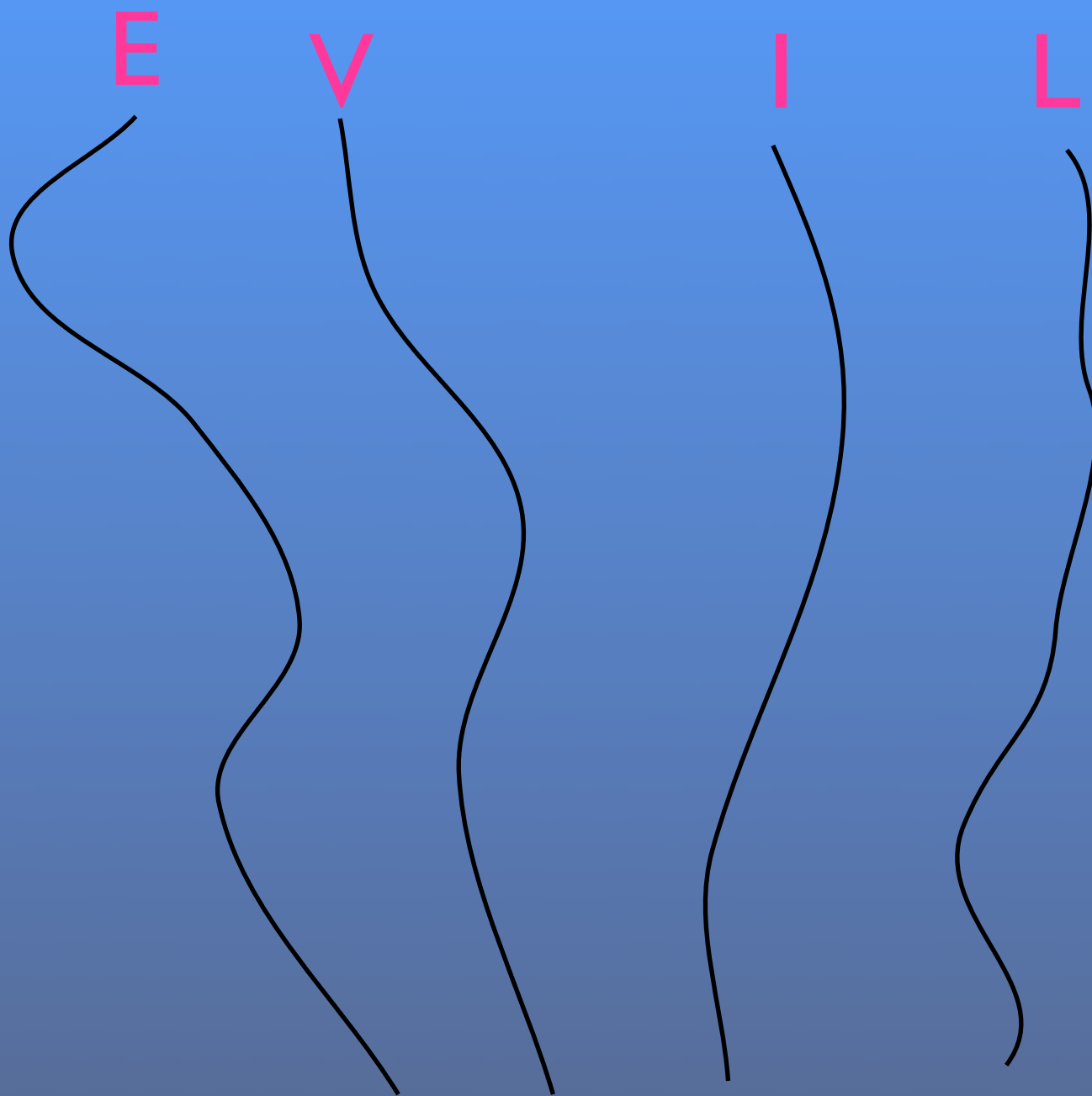
Best translation I can come up with:
“interpretation authority”.

(In company of many other amazing German terms such as Weltschmerz, Zeitgeist, Schadenfreude - you should learn German.)

How to...(cont.)

A2:

- Reference, compare, argue yours?
- Admit, withdraw?
- Ignore, try and get away?
- Future self-cites to establish Deutungshoheit?

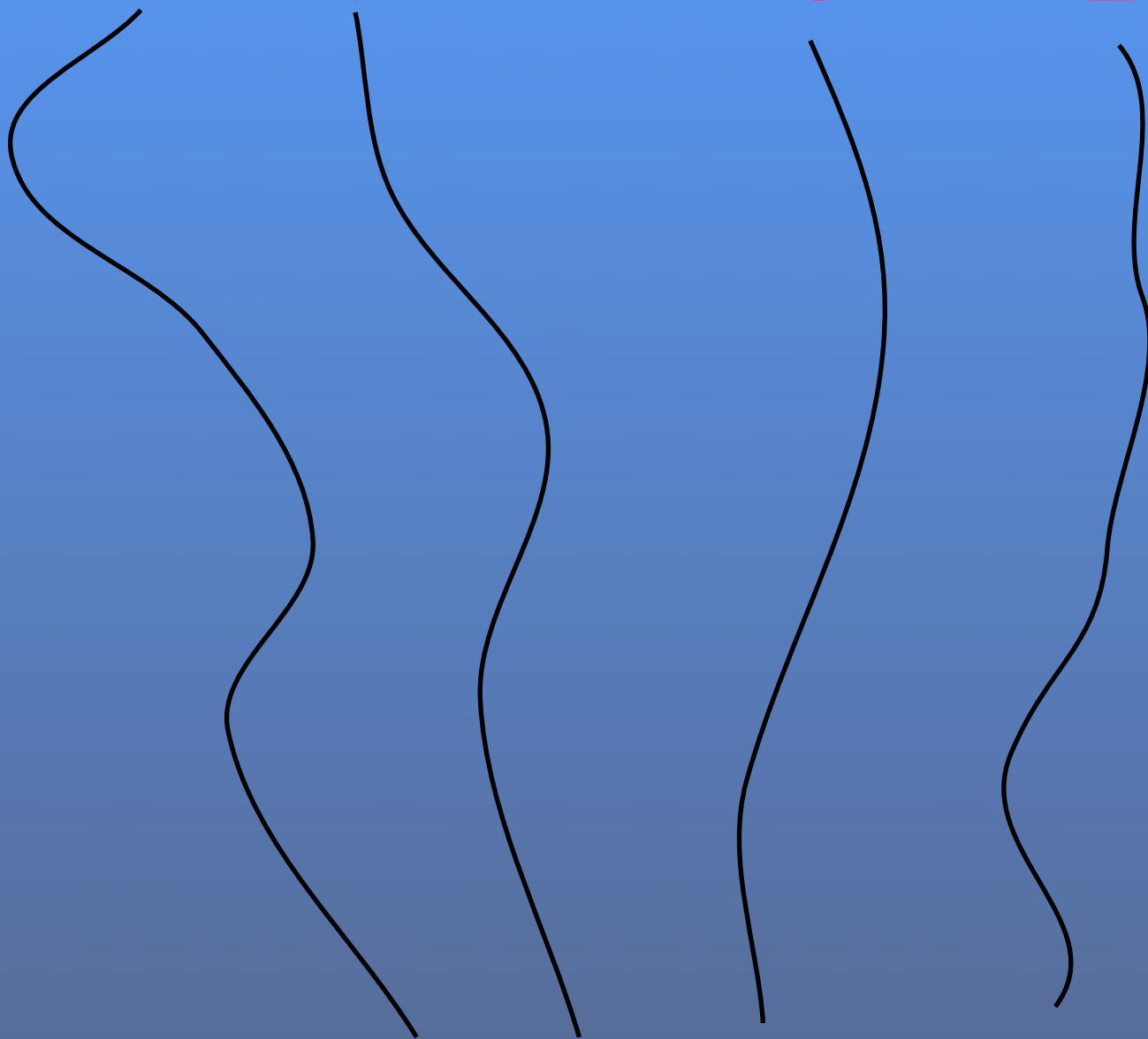


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Publishing

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Measure for

- Quality CV (positions, grants)
- Money allocation research group

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Aspects:

- Number
- Importance venues (impact factor/acceptance rate)
- Citations

Publications

More

(positions, grants)

- Money allocated to research

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- Number
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IS

More

Primary effects

- Publish often!
- Aim for good conferences/journals!
- Get cited!

Secondary effects

- “Epsilon” research
- Tons of papers to review
- Self-citations/reduced references
- Attempted Deutungshoheit
- Keep unpublished research under wraps

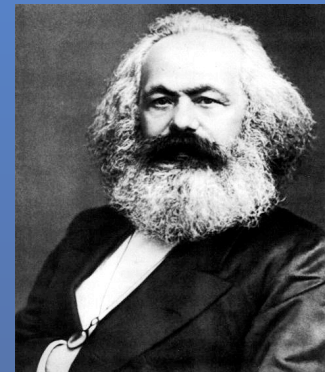
Science

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Science

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-- Karl Marx

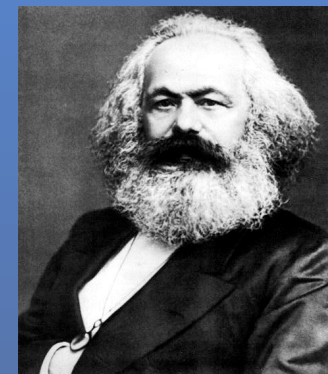




Science = Communist

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-- Karl Marx



Tertiary Effects

- Deluge of papers
- How many relevant conferences?
 - KDD, PKDD, ICDM, SDM, ICDE, PODS, VLDB, ...
- How many relevant research groups?
 - Utrecht, Helsinki, Potsdam, Bonn, Urbana-Champaign, IBM, ...

More Time For Reading
=
Less Time For Research!

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But you **need** to publish!

Less Time Research!

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- Authors unaware

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The vicious cycle
continues

Solutions?

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Simple - publish less!

- No epsilon research
- Ask around whether stuff exists
 - Colleagues, collaborating groups

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Harder - improve reviewing

- Wiki approaches
- Changes to bidding

Your Thoughts Here...