openlab reading club
fostering critical thinking and constructive communication

Omar Awile (omar.awile@cern.ch)

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A worrying trend

Sensationalist or misleading news

Bad science journalism

Information overflow

social media bubble and confirmation bias
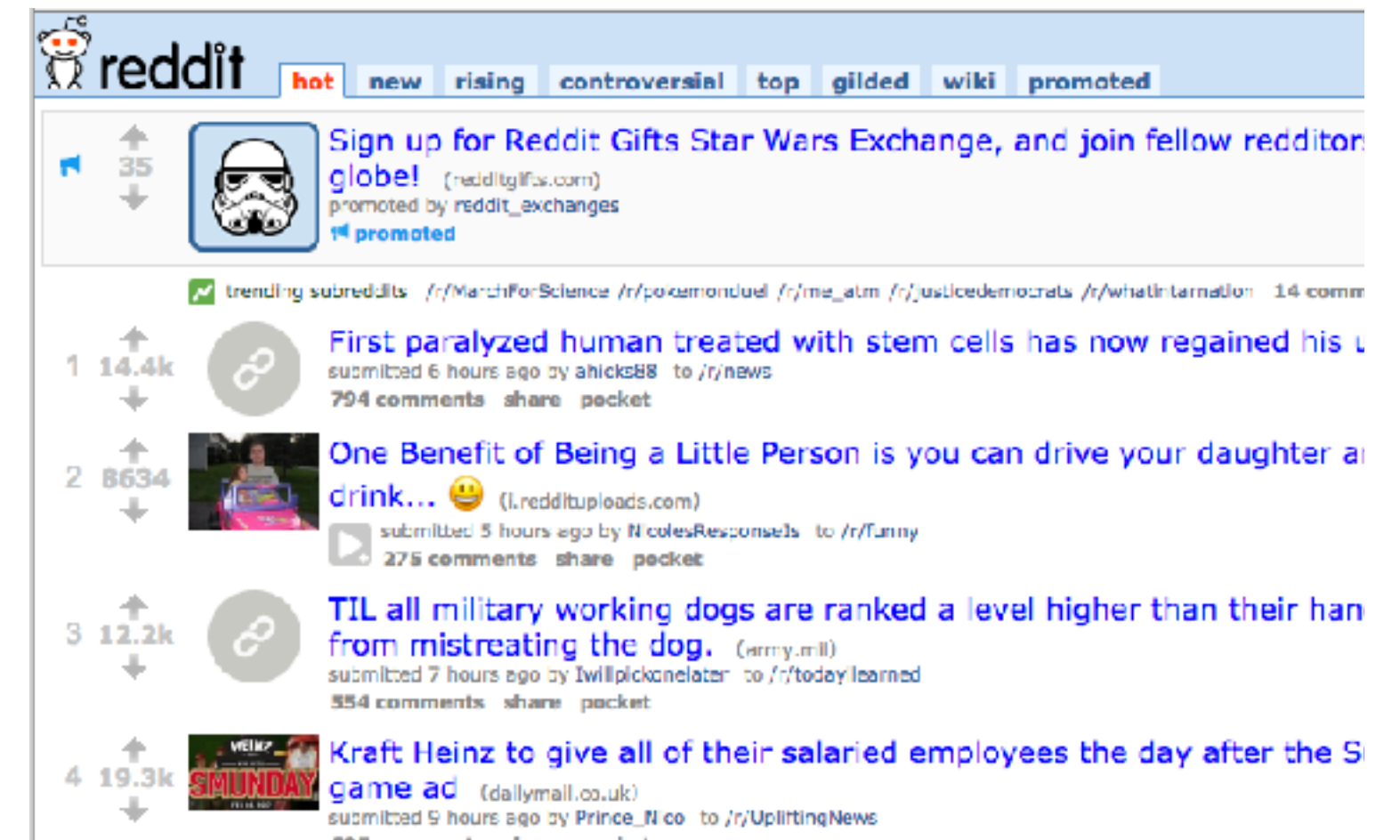
Poor discussion culture

Practicing an essential skill in four simple steps

1

pick a text

Practicing an essential skill
in four simple steps
1

pick a text

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pick a text

theguardian

home › environment › climate change · wildlife · energy · pollution · UK · wo

Climate change Climate Consensus - the 97%

We may be closer than we thought to dangerous climate thresholds

A new study identifies an extra 0.1°C of human-caused warming

Science Home News Journals Topics Careers

SHARE

To understand what the animal studies might mean for people, however, scientists need to correlate air pollution exposure with human brain scans and with results from rigorous cognitive testing.

That's not easy to do, as long-term, historical data on pollution exposures are scarce in the United States and many other countries, says Kimberly Gray, a program administrator at the National Institute of Environmental Health Sciences (NIEHS) in Durham, North Carolina. But in a September 2016 review of 18 epidemiological studies from Taiwan, Sweden, Germany, China, the United Kingdom, and the United States, all but one showed an association between high exposure to at least one component of air pollution and a sign of dementia. The review, published in *Neurotoxicology*.

A cloudy suspension of smog particles, collected near a Los Angeles, California freeway, will be turned into an aerosol and piped into tanks holding laboratory mice.

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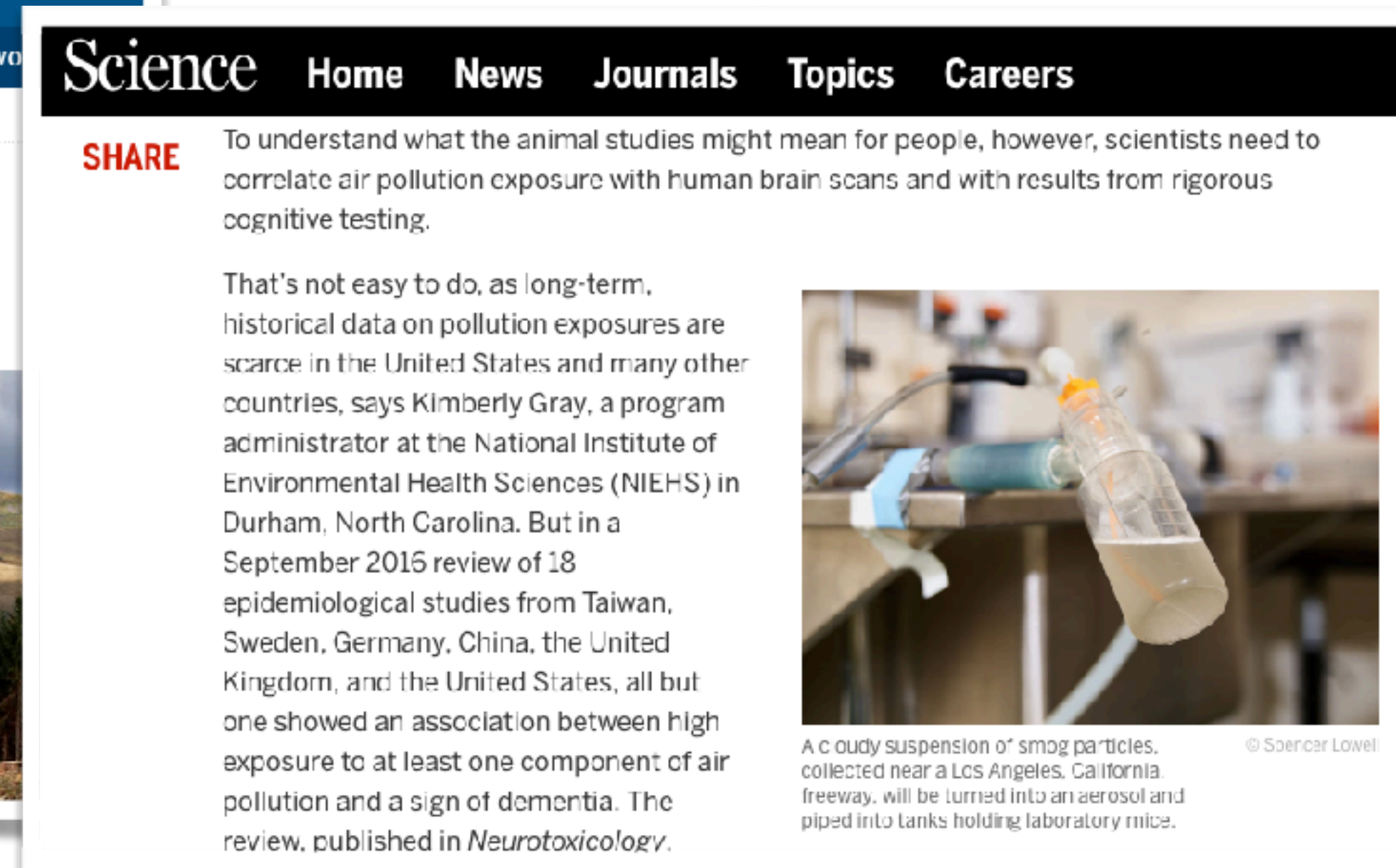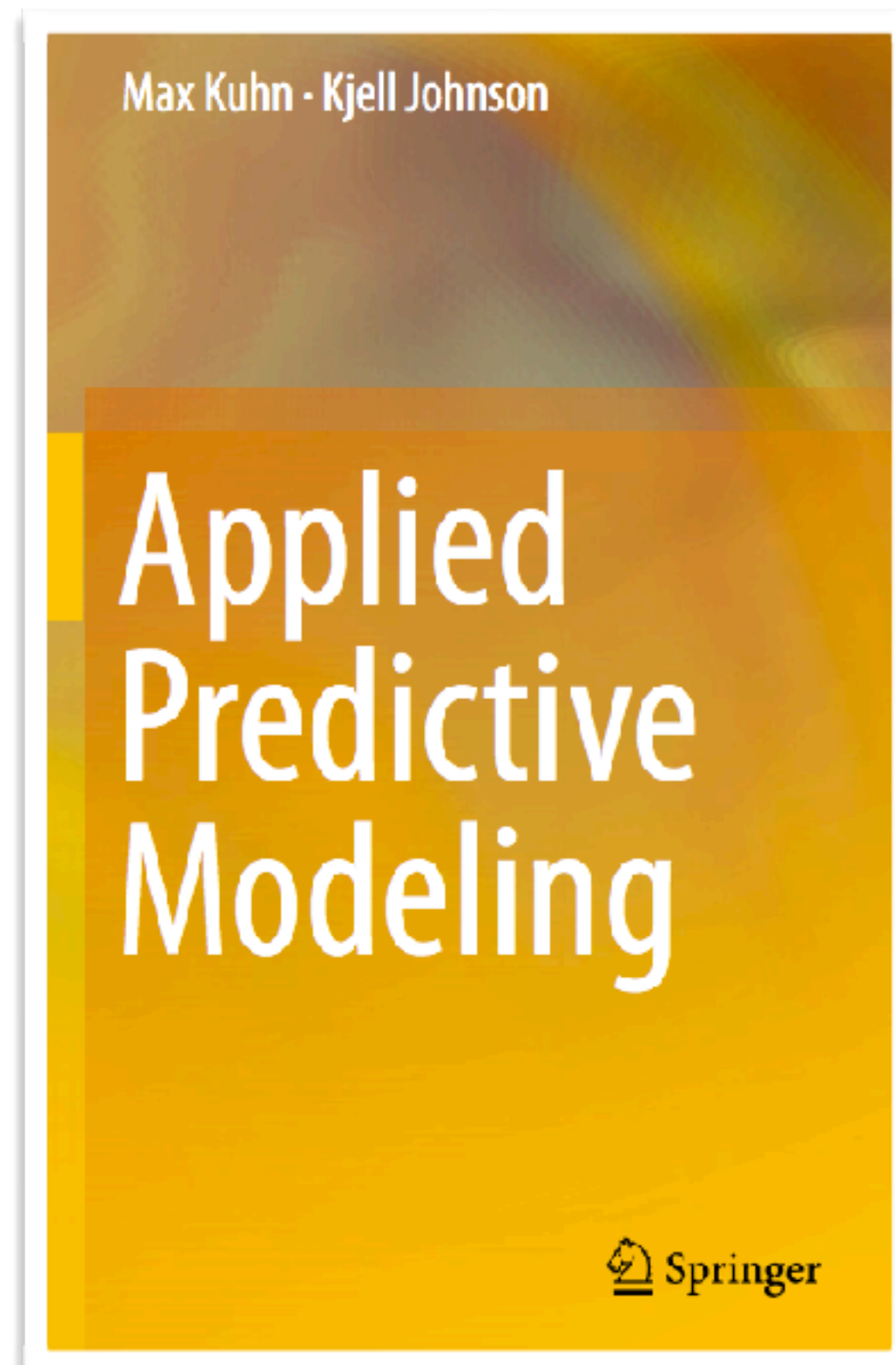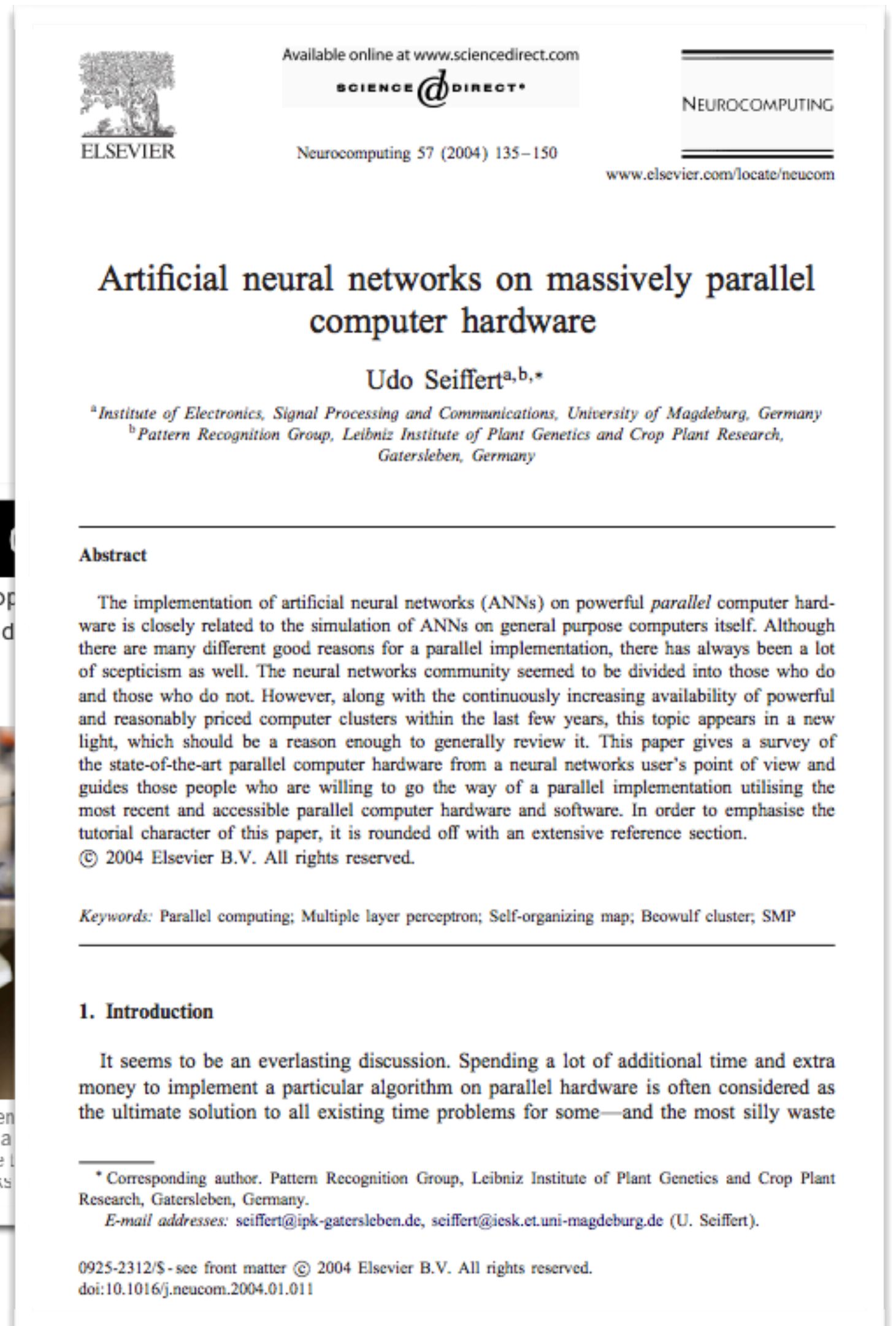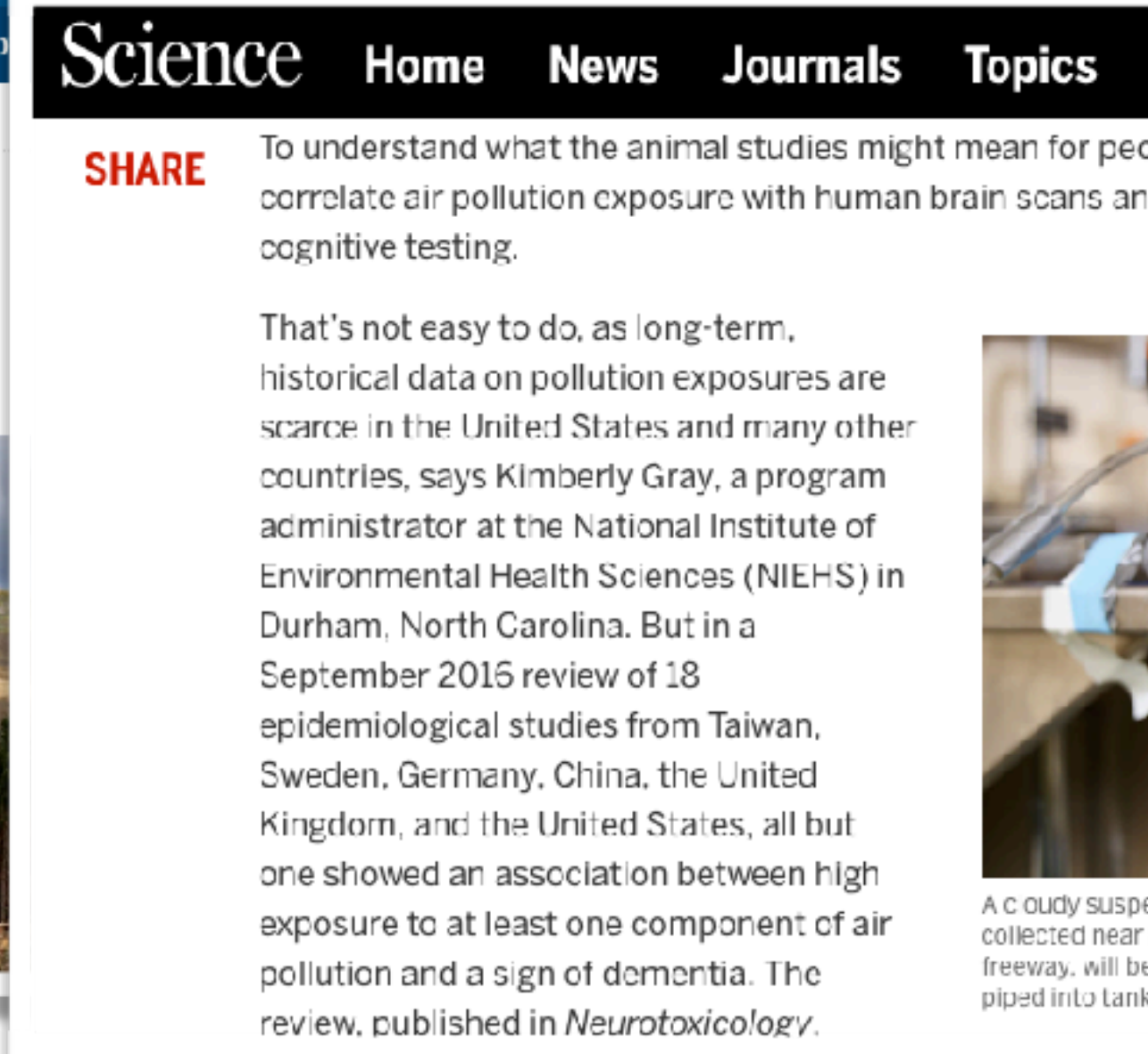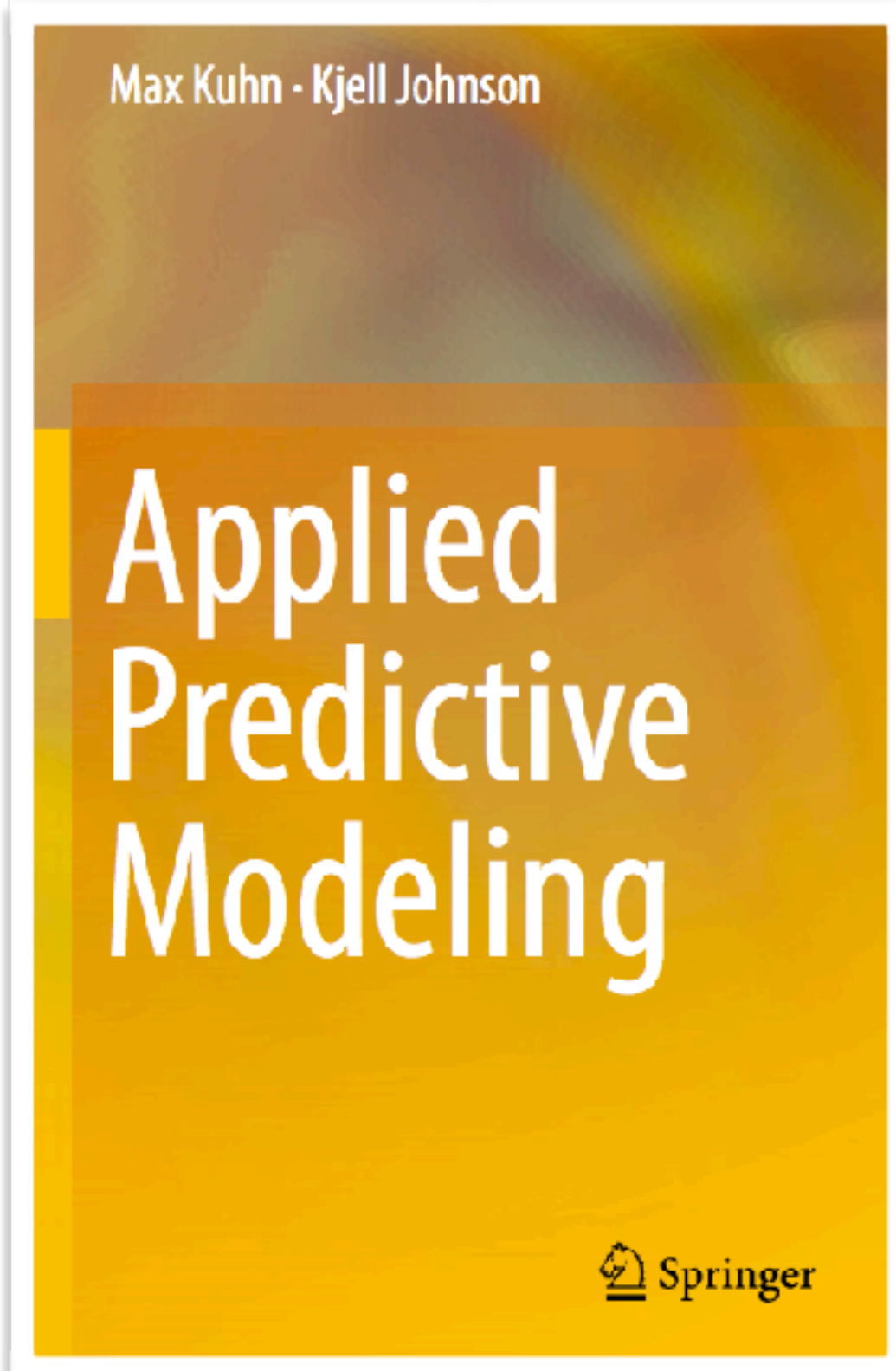
pick a text

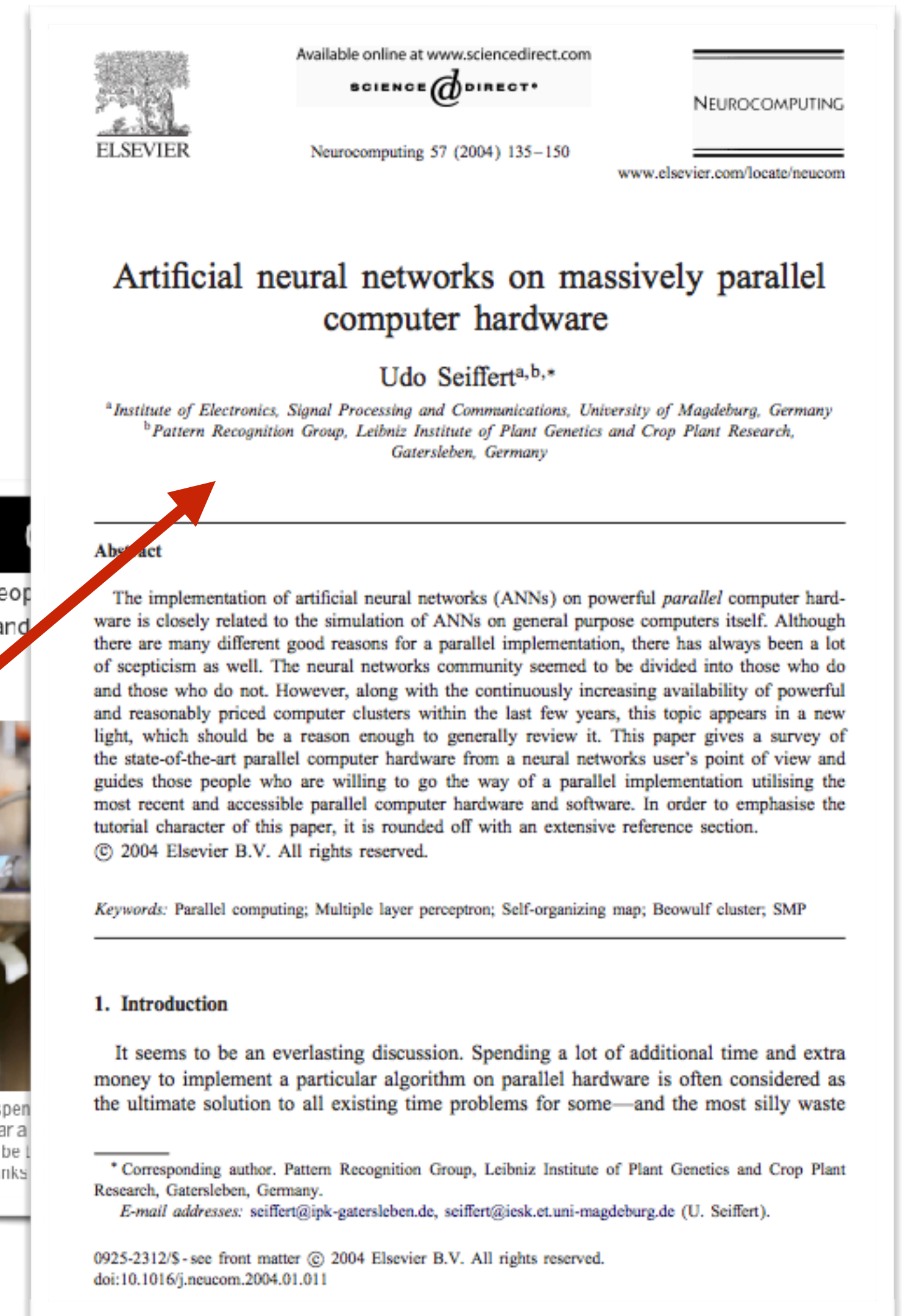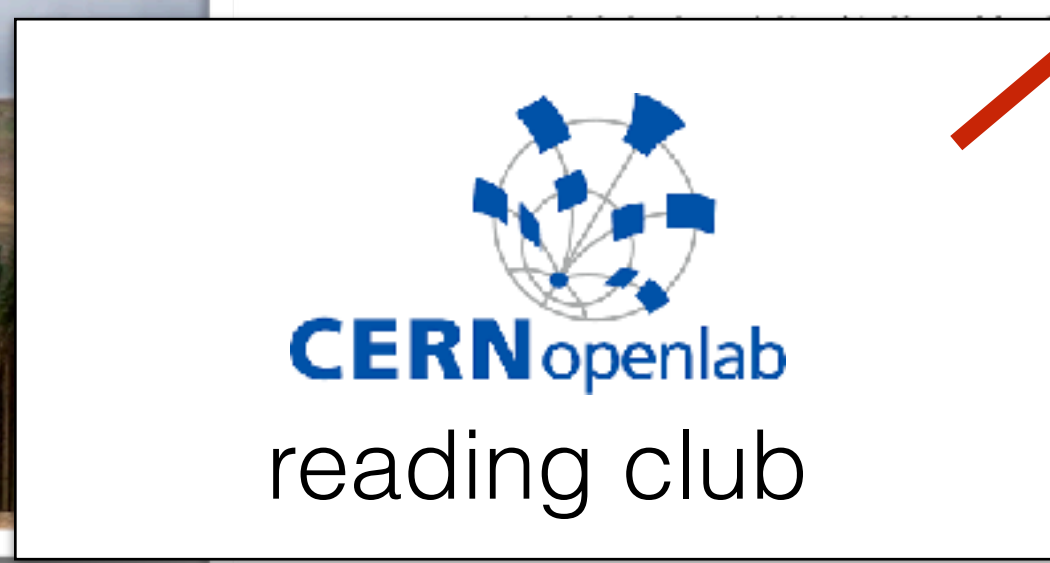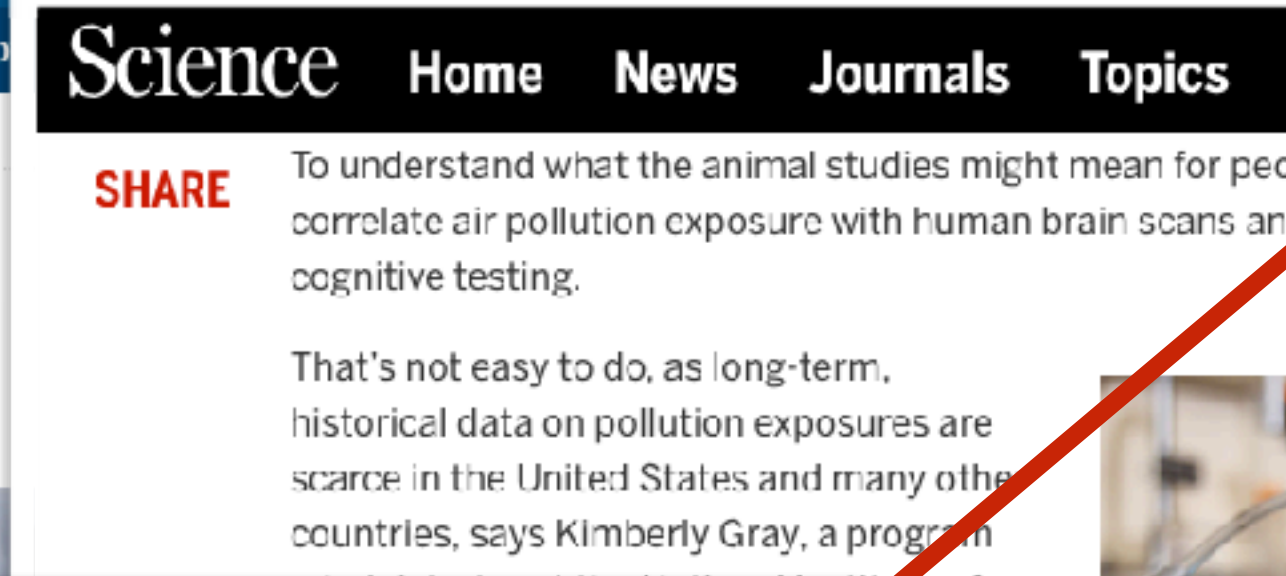# Practicing an essential skill in four simple steps

2

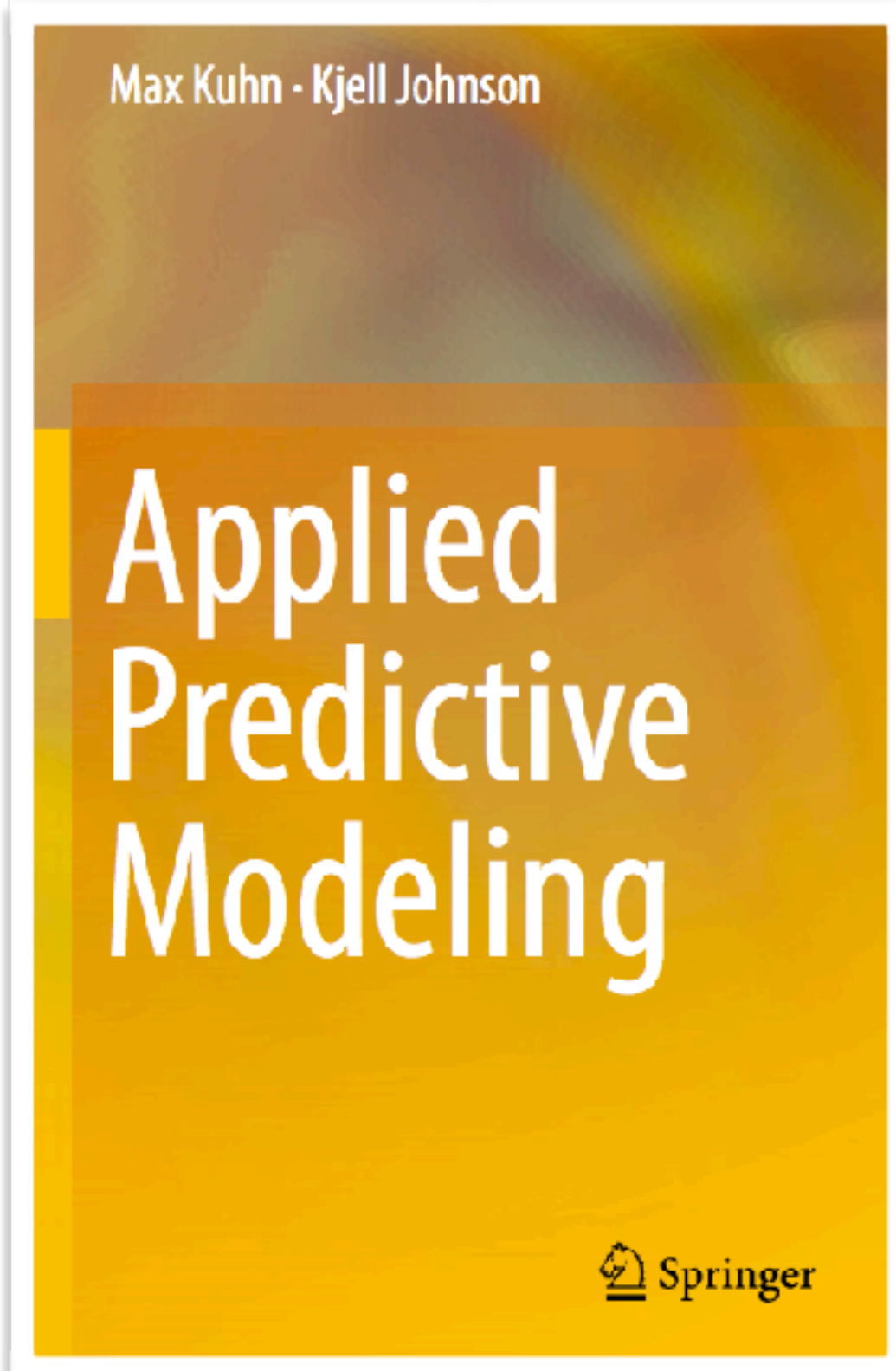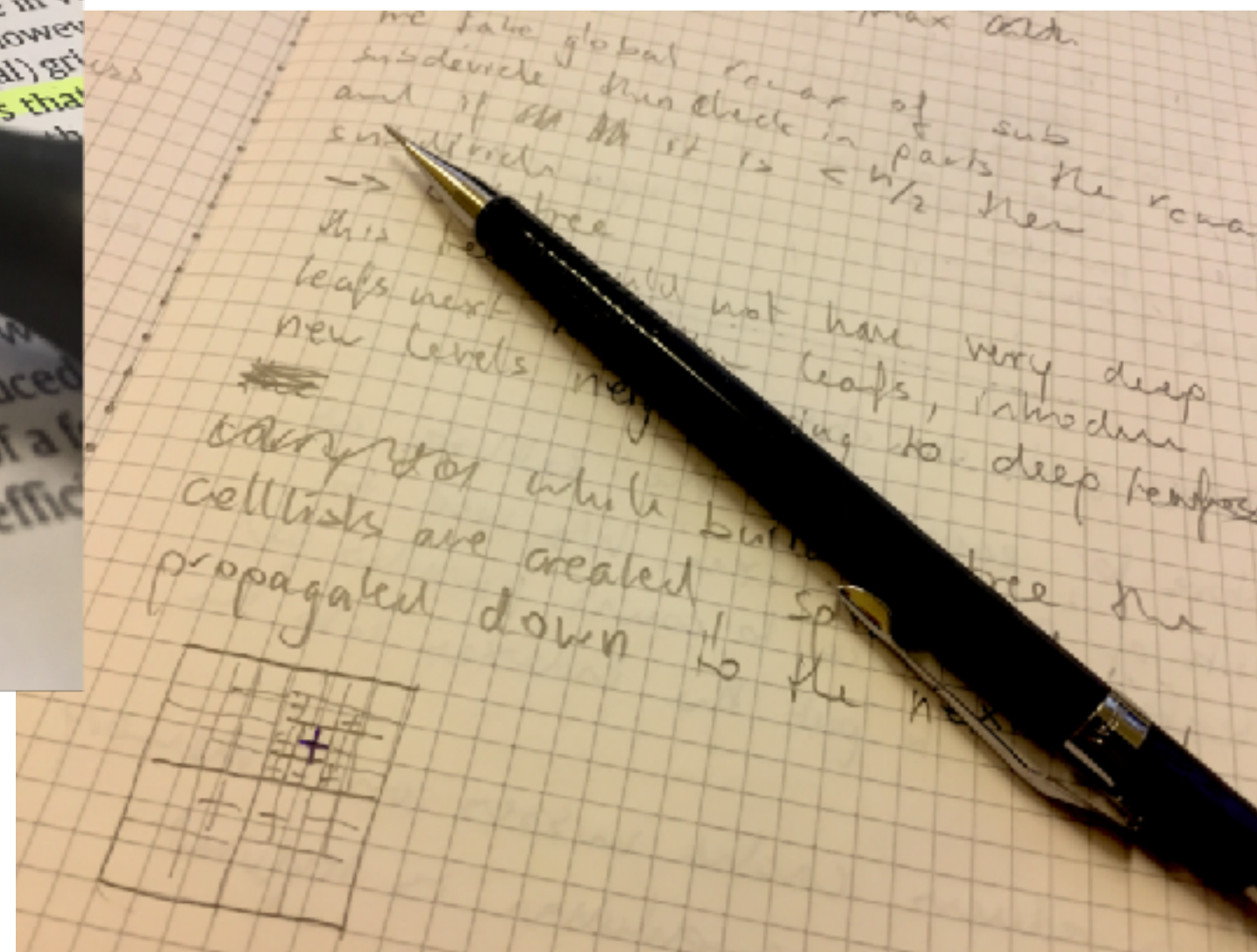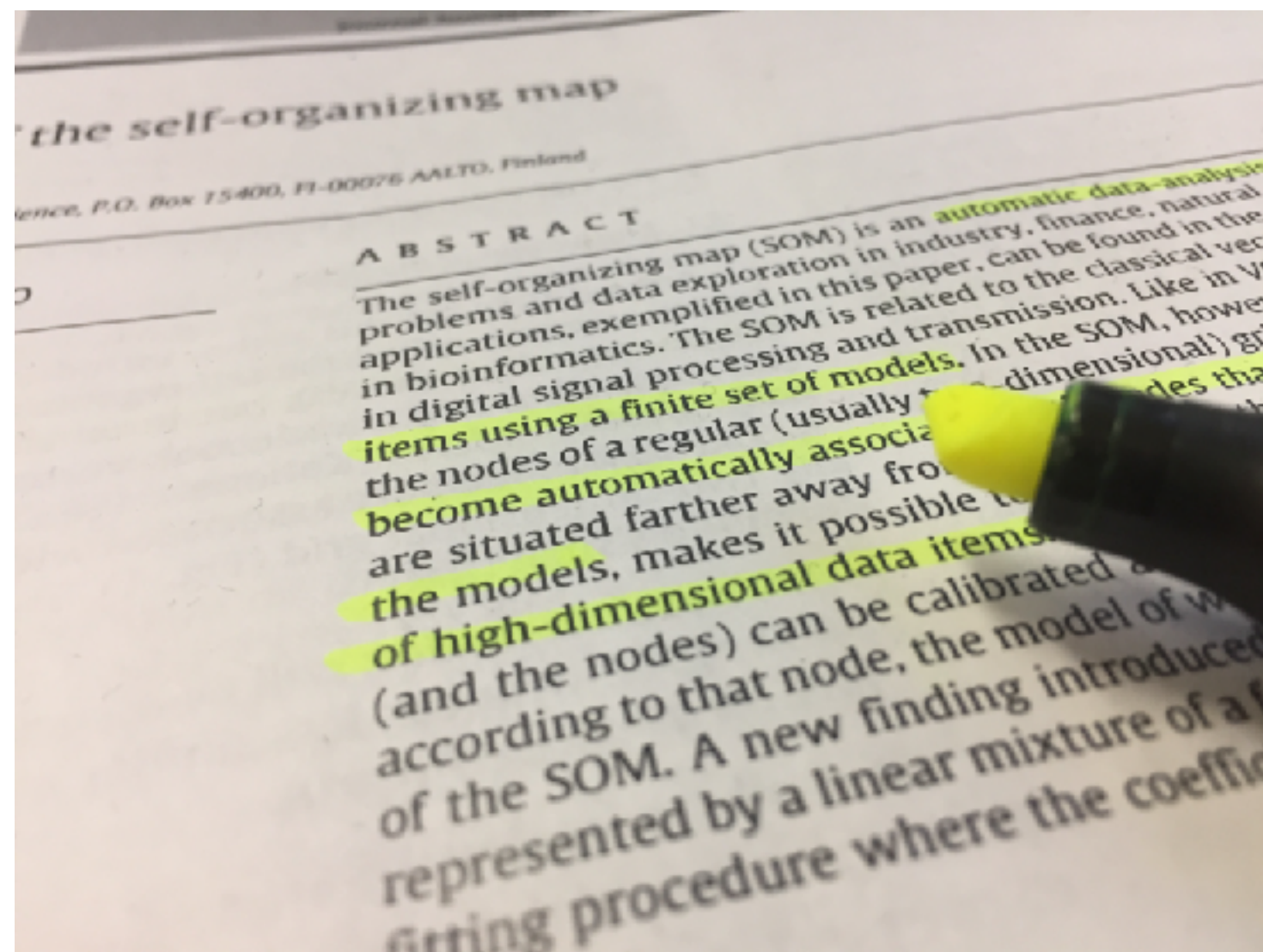read consciously

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2
read consciously

- highlight
- take notes
- make drawings

- check sources
- compare with current knowledge
- be critical
- ask questions (and write them down)

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3
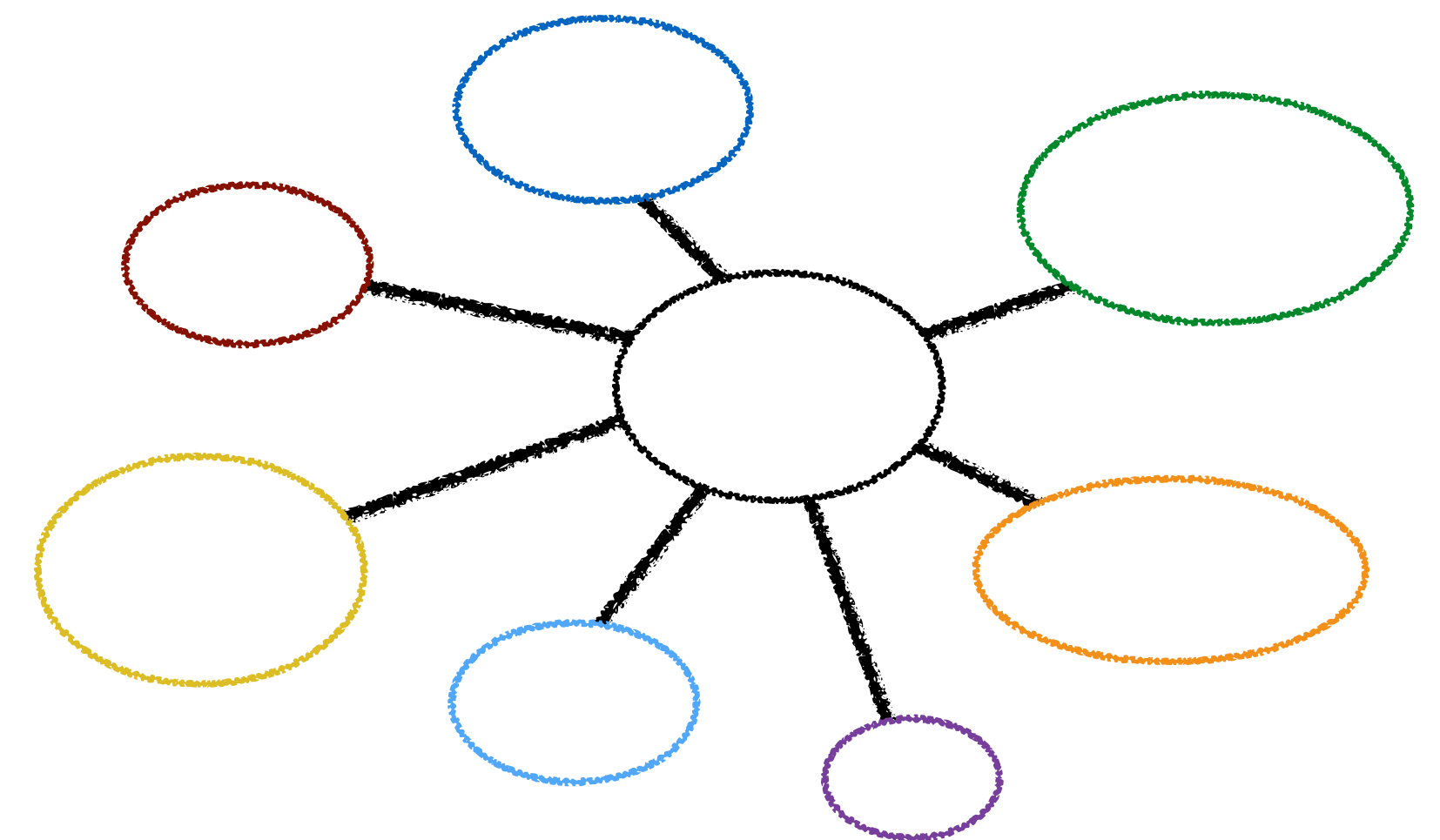
discuss in your group

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3

discuss in your group

Every opinion counts!
start with a roundtable

Ask questions!
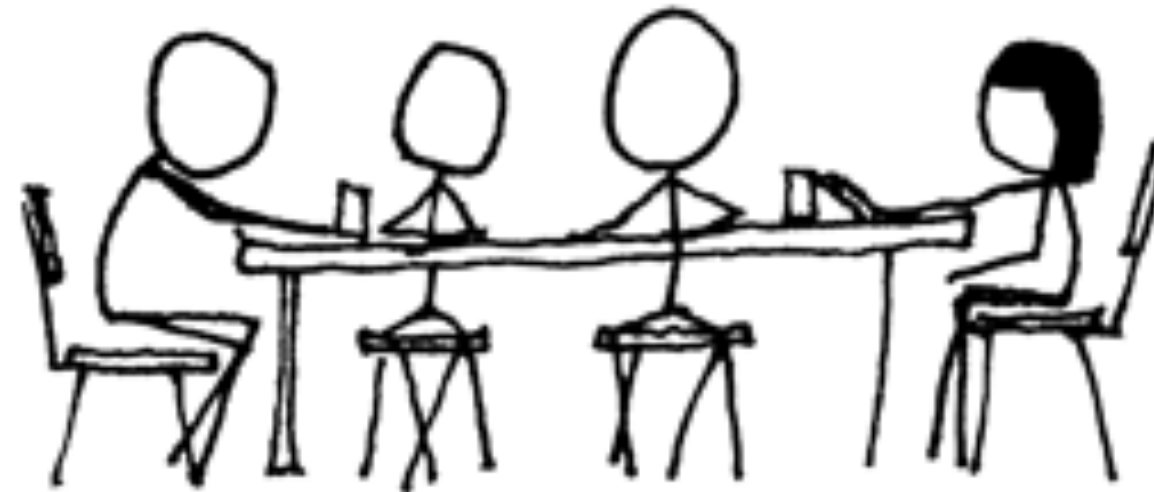
summarize the highlights
what did you like?
what was the key point?

Be critical but factual
why did you like or dislike
something?

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4

open doors

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open doors

Connect what you know with what
you've learned

As a group!

Spark an idea!

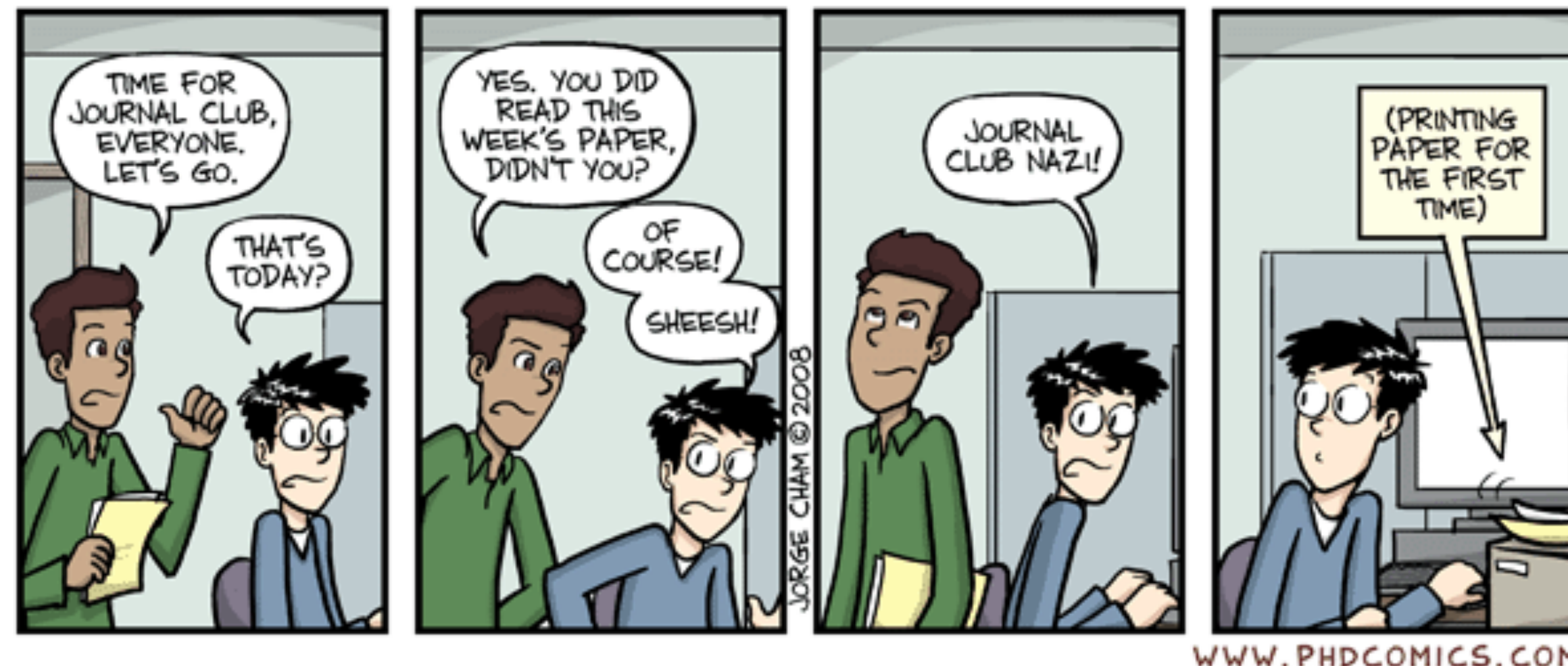# ~~openlab~~HTCC reading club

- Started in October 2016
- Every 2 weeks, 1 hour discussion session
- 9 articles read
- Topics: Performance modeling, machine learning, distributed computing, parallel programming
- Average 5 participants

openlab reading club

join us!

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https://e-groups.cern.ch/e-groups/Egroup.do?egroupId=10238392

To receive announcements

https://mattermost.web.cern.ch/it-dep/channels/openlab-readingclub

To continue the discussion