



Saving the world with innovation.
Open scholarship is the key!

 OAI13

Laura Paglione

Be Different 

THE
JOURNEY
IS ON

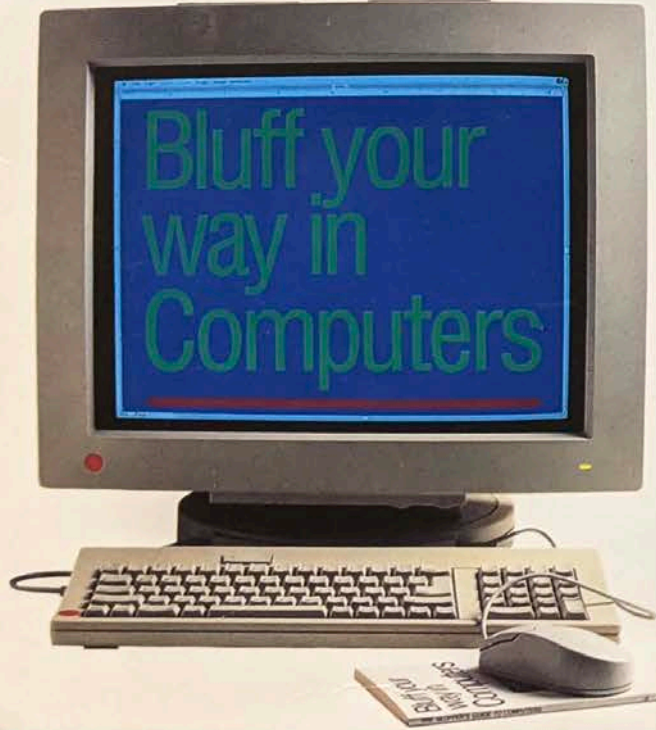




Photo by [Volodymyr Hryshchenko](#) on [Unsplash](#)

Bluff your way in Computers

Latest Upgrade
v3.2 (beta test)




Bluff your way in Science



Bluff your way in Teaching



The background is a complex, abstract composition of numerous thin, overlapping lines in shades of purple, magenta, and red. These lines radiate from a central point, creating a sense of depth and movement, similar to a starburst or a tunnel of light. The lines are most concentrated in the center and become more sparse and blurred towards the edges. The overall effect is a vibrant, almost ethereal glow against a dark background.

A history lesson...
Well, of sorts...

The Ishango Bone
~ 50,000 years ago
Democratic Republic of Congo



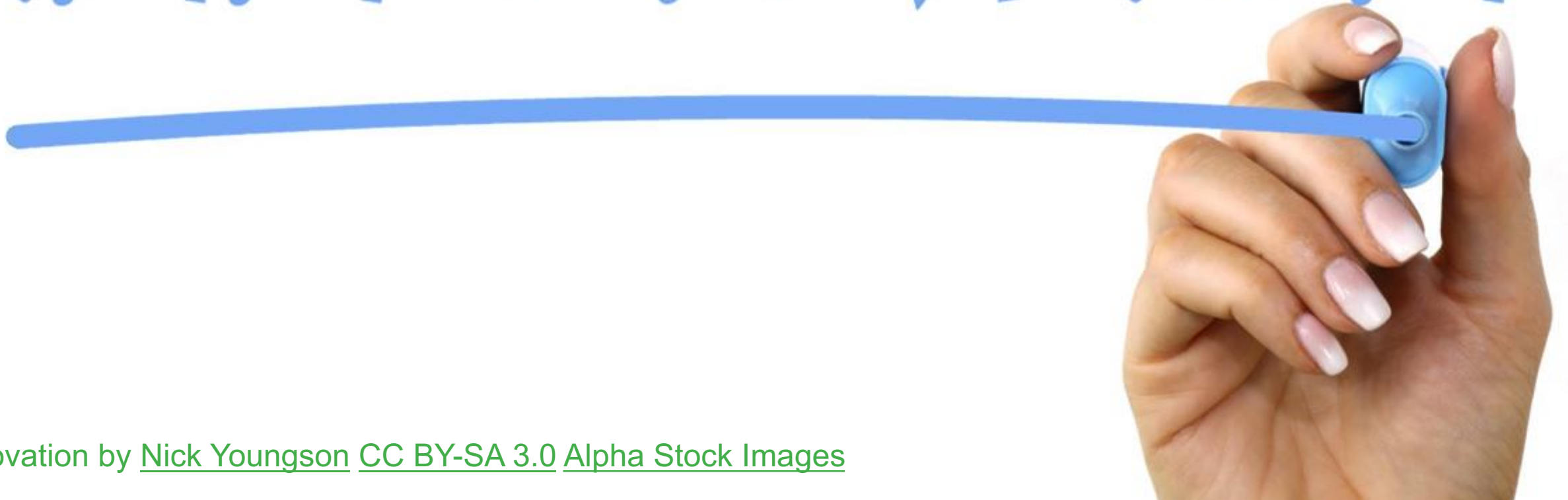
**RECORING FOR
ONE'S SELF**



A Sundial
~30,000 years ago
Egypt

**INFORMATION FOR THE
COMMUNITY**

INNOVATION



Scroll

~23,000 years ago

Egypt



WRITTEN SCHOLARSHIP



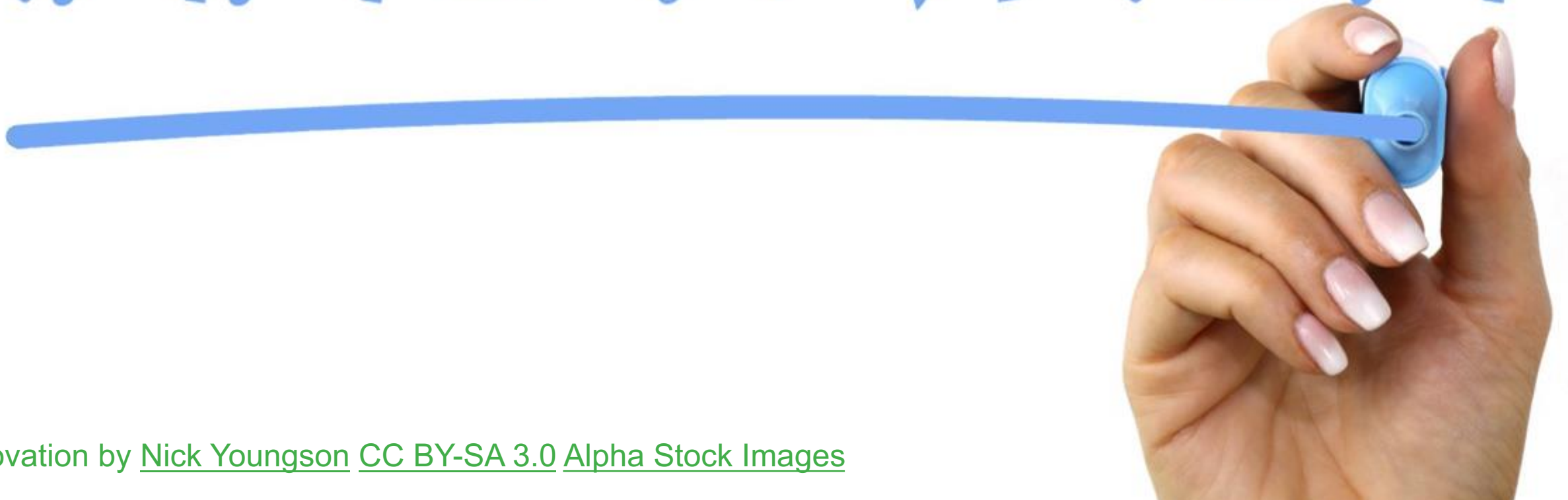
The Lyceum

Library of Alexandria.
(2023, August 23).
In [Wikipedia](#).



Library of Alexandria
Artistic rendering based on archaeological

INNOVATION





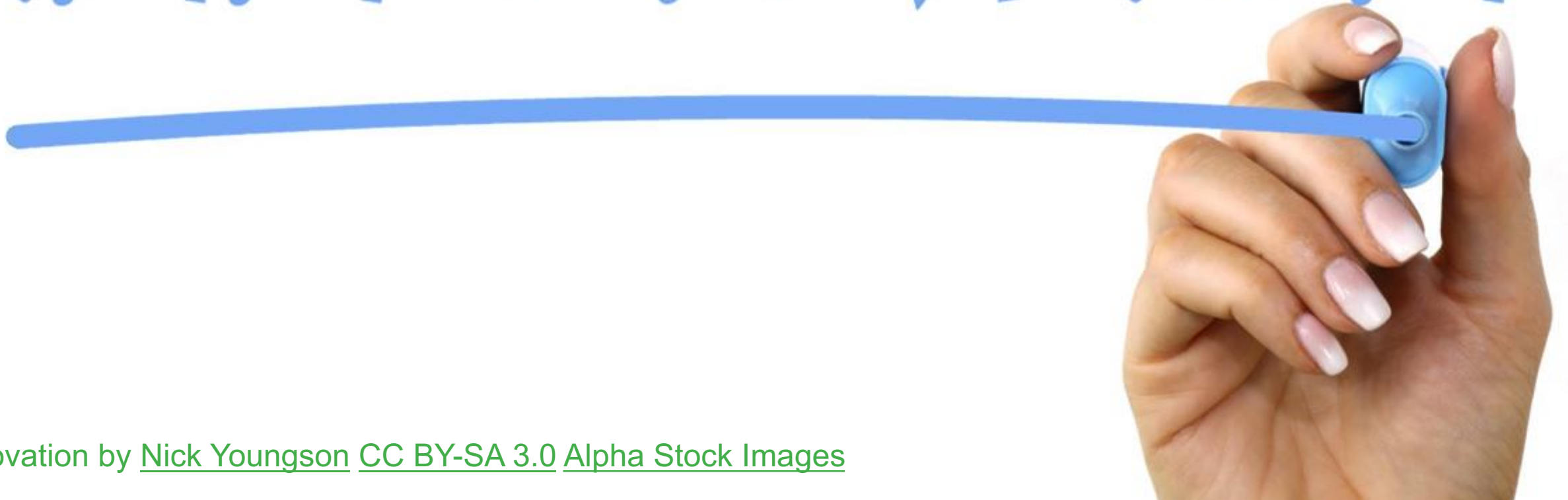
Paper
~22,000 years ago
China

PAPERMAKING

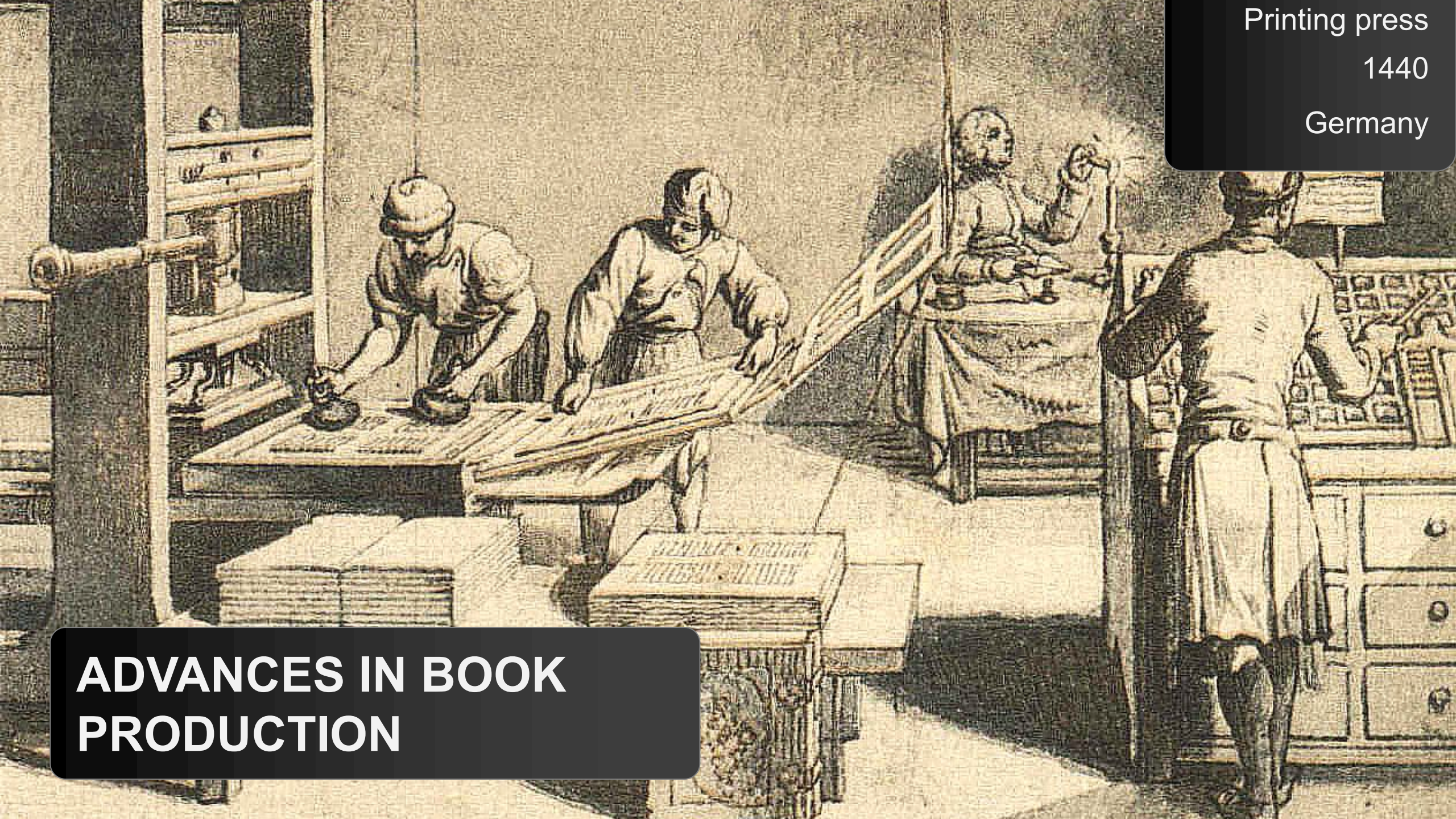
Vertical columns of Chinese text printed using Xixia argile movable type. The text is arranged in approximately 25 columns per page, reading from right to left. The characters are small and densely packed, typical of early printed Chinese books. The paper shows signs of age, including yellowing and some staining.

Beijing printing museum.12th century.Xixia argile movable type print.jpg
From Wikimedia Commons, the free media repository

INNOVATION



Printing press
1440
Germany



**ADVANCES IN BOOK
PRODUCTION**

Tycho Brahe

1546-1601

Denmark - Norway



**THE SCIENTIFIC
METHOD**

Scientific Journal
1660s
United Kingdom

126
weight of warme water and cold, 3. the being of
in condensed air.
To which he added a suggestion, concerning the
rectifying of Kimozzi, or the wayes of extracting the
combustible materials, so, as that with a smaller
sumption of the fuel, a greater heat may be given, than
is done by the common wayes yet in use.

Mr. Park mentioned something concerning the figure
of the weight hung to a pendulum - Park; viz. that a
light weight of a long figure, will make a pendulum
clock to goe, as well as a greater weight of a round
figure.

St. Robert Moray suggested the use of black lead
in Engines, in stead of Oyle.

Mr. Wintthrop mentioned, that there was no right
black lead any where, but in England and in New England
of India bear, which was desired to be sent.

Lib 7th of January 1663

Mr. Dever brought in his Account of Ollivs in
writing, was thanked for it, and desired, to procure
from his friends in Holland, a more particular
description of their Engines and their Fabrick
this Account, was ordered to be entered
him, and promised to add his observation
it.

St. Robert

127
Upon this occasion, severall wayes were mentioned
of being made, viz. all with straw, by the Sun
it was also suggested, that since in the West Indies, they be
here out of bread made of Maize, a like waye may be
with Barley, all also with Maize, and Mr. Wintthrop
was desired, to be the inventor of this Experiment as soon
as he could be provided with this materiall.

My Lord Brouncker was put in mind of making
the Experiment of suspending bodies, of severall matters
and bulk to fall in the same time: Mr. Zulichem affirming
that a ball of Cork, may be so big, as to fall with equall
swiftnesse through the Air, with a Ball of Iron.

Dr. Wilkins mentioned the prosecution of the Experiments
of compressing of water; and it was objected, that nothing
could be concluded from their Experiments, as to what is
intended by them, in regard the Effects, wherein they are
made, with water.

My Lord Aunsley proposed as Candidate by 1st Name
there, and presently elected by the Ballot, he waving to
concern, by the privilege of his birth.

Mr. Aunsley elected.
Mr. Hook made two of the Experiments proposed by
him the precedent meeting, viz. that of the difference of
the weight of warm and cold water; and that of the
difference of Refraction in warm and cold water; which
last he was ordered to repeat the next meeting, when
also he is to make the Experiment of the living of
Insects in condensed Air; and to bring in an Account
of all in writing.

The same gave in his Account of some tryalls, for
finding how much the pressure of water is increased by the
weight
of descent

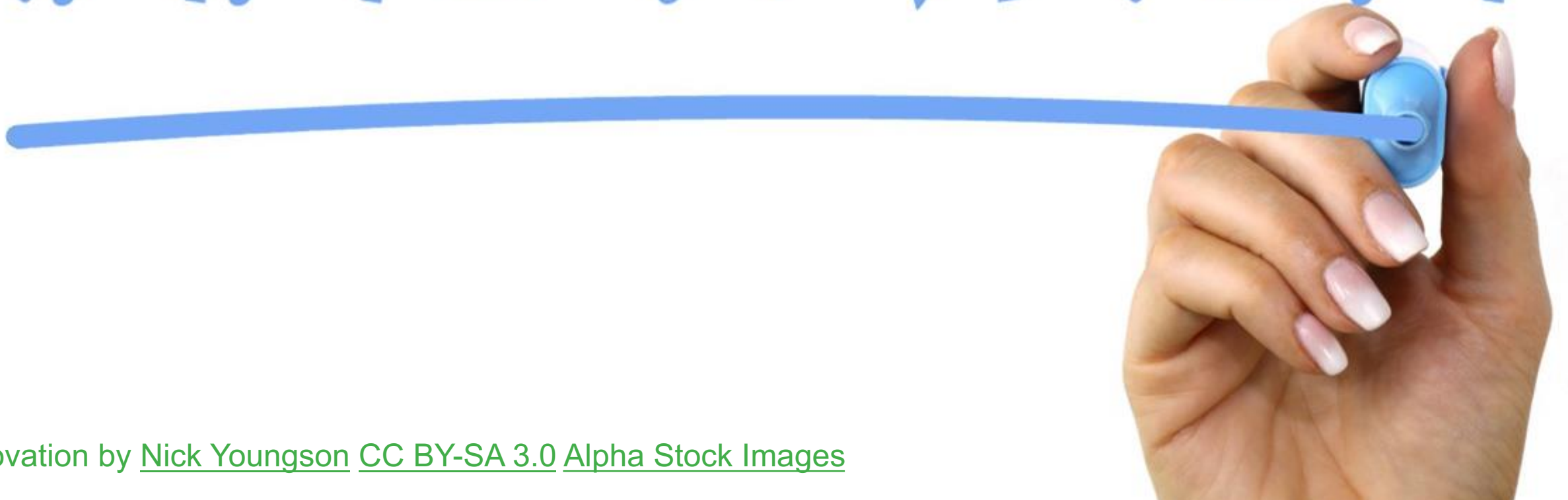
Lib 2. Vol. 72

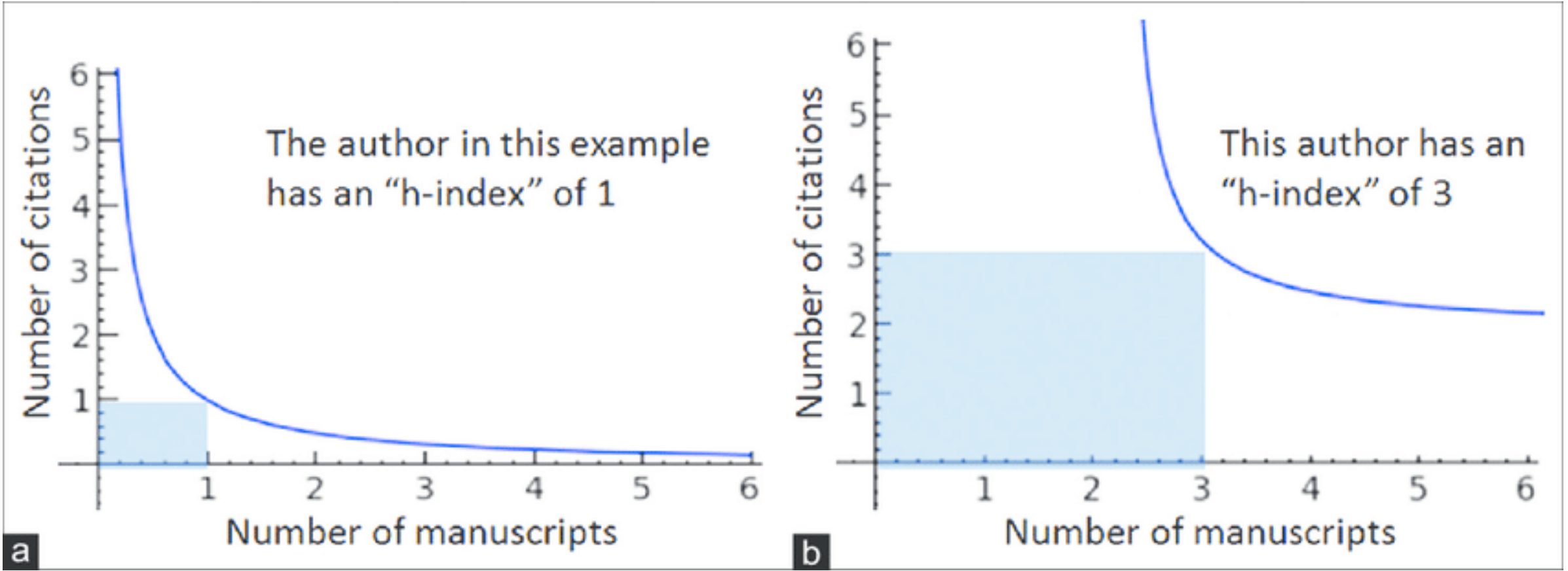
Lib 2. Vol. 83

Lib 2

RESEARCH
INSTITUTIONALIZATION

INNOVATION





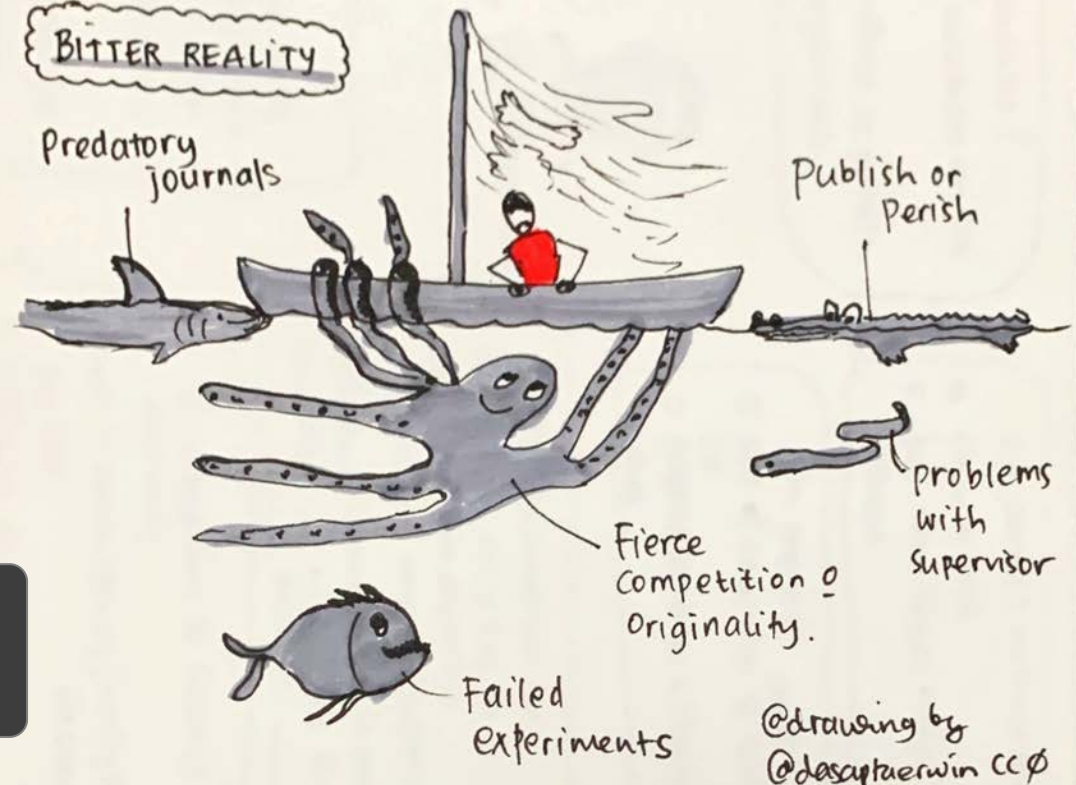
H-index

PHD ADMISSION
DESK



But you!
got this!

BITTER REALITY



Publish or Perish

@drawing by
@dasaptaerwin cc 0

Another batch of 1,200 articles retracted by Wiley and Hindawi

AUTHORS
AI Ciel

AUTHOR ASSERTIONS

Conflict of Interest: No ▾

Public Data: Not applicable ▾

Preregistration: Not applicable ▾

Page: 1 of 2 Automatic Zoom

Another batch of 1,200 articles retracted by Wiley and Hindawi

AI Ciel


<https://bard.google.com/>

May 29, 2023

Summarize this article: <https://retractionwatch.com/2023/04/05/wiley-and-hindawi-to-retract-1200-more-papers-for-compromised-peer-review/>

Wiley and Hindawi, an open-access publisher that Wiley acquired in 2021, are retracting approximately 1,200 articles with compromised peer review. The retractions come after Hindawi temporarily suspended publishing special issues because of “compromised articles.” Wiley’s

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Abstract

Wiley and Hindawi, an open-access publisher that Wiley acquired in 2021, are retracting approximately 1,200 articles with compromised peer review.

Preprint DOI

[10.31219/osf.io/py5hs](https://doi.org/10.31219/osf.io/py5hs)



arXiv is a free distribution service and an open-access archive for 2,270,355 scholarly articles in the fields of physics, mathematics, computer science, quantitative biology, quantitative finance, statistics, electrical engineering and systems science, and economics. Materials on this site are not peer-reviewed by arXiv.

Subject search and browse: **News**

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Physics

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ELECTRONIC PUBLISHING



CC-BY Danny Kingsley & Sarah Brown

Open-access publishing
2000s

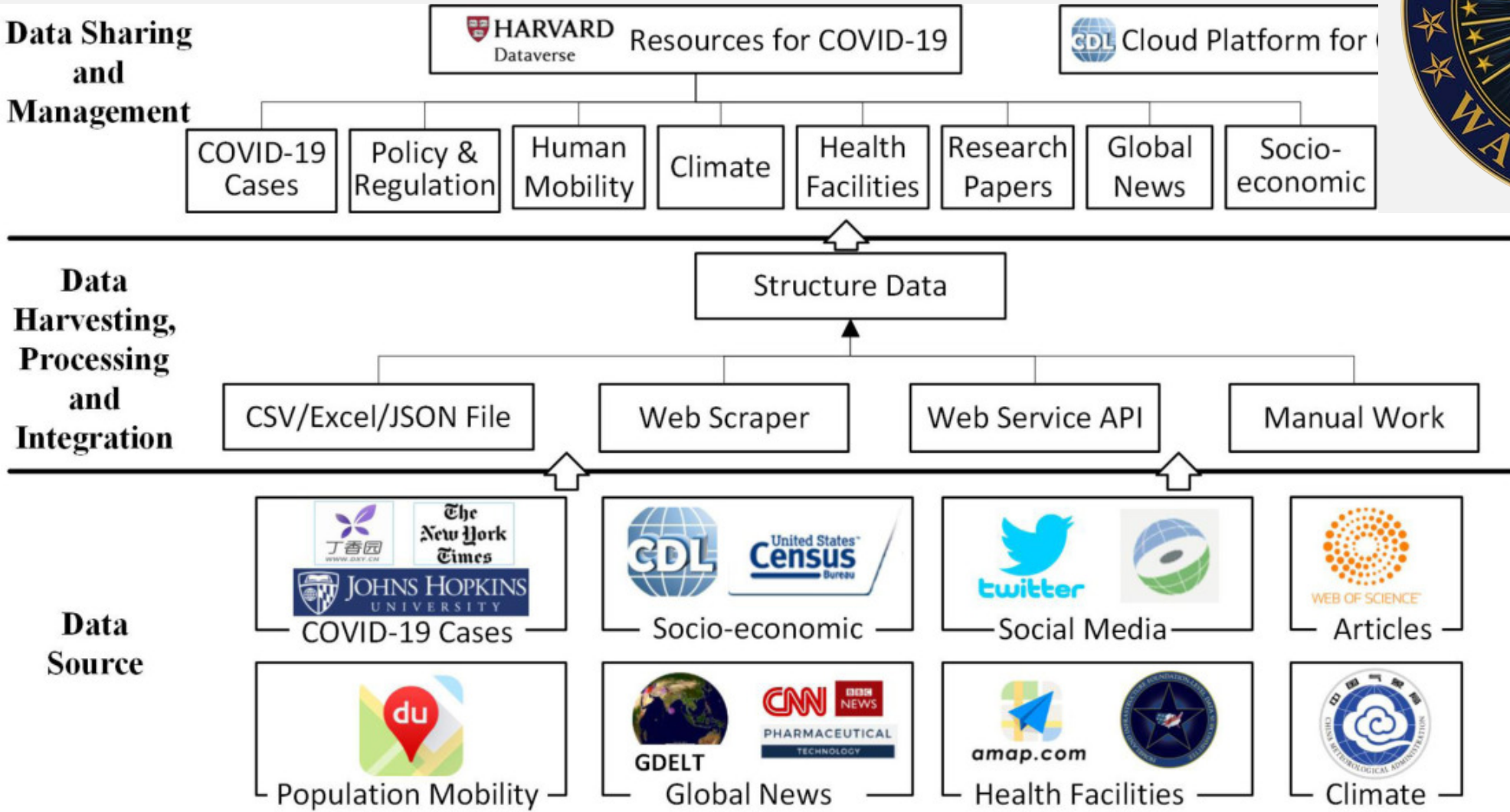


**OPEN ACCESS
PUBLISHING**

OPEN FOR THE WIN



<https://doi.org/10.2478/dim-2020-0012>





Trend Magazine

“A scientific endeavor that is not trusted by the public cannot adequately contribute to society”

TREND ARTICLE

Why We Must Rebuild Trust in Science

A scientific endeavor that is not trusted by the public cannot adequately contribute to society

February 9, 2021 By: [Sudip Parikh](#) Read time: 6 min

[REBUILD TRUST IN SCIENCE](#)[In this Issue](#) [Share](#)

When the history of our current moment is written, science will be central to the story. In the crucible of 2020, did science rebuild the societal trust needed to defeat the coronavirus? Or

did a breakdown in trust lead to a lingering pandemic that foreshadowed future failures to solve



The Insular World of Academic Research

More community-focused
scholarship could build
public trust. What's
standing in the way?

“...public or community-
engaged research is a way to
answer the critiques...”



Expanded Goals for Open Scholarship?

**Include non-experts
in “open” sharing**



**BROADEN
COMMUNICATION
GOALS**

Using machine learning to summarize scientific paper arguments



TECH

A new use for AI: summarizing scientific research for seven-year-olds

tl;dr papers shows AI's potential to condense research

By **James Vincent**, a senior reporter who has covered AI, robotics, and more for eight years at The Verge.

Jan 18, 2022, 9:40 AM EST | [0 Comments](#) / [0 New](#)



Academic writing often has a reputation for being hard to follow, but what if you could use machine learning to summarize arguments in scientific papers so that even a seven-year-old could understand them? That's the idea behind [tl;dr papers](#) — a project that leverages recent advances in AI language processing to simplify science.

Work on the site began two years ago by university friends Yash Dani and Cindy Wu as a way to “learn more about software development,” Dani tells *The Verge*, but the service went viral on Twitter over the weekend when academics started [sharing AI summaries of their research](#). The AI-generated results are sometimes inaccurate or simplified to the point of idiocy. But just as often, they are satisfyingly

<https://www.theverge.com/2022/1/18/22889180/ai-language-summary-scientific-research-tldr-papers>

**Public-friendly ways of
keeping score**



**CLAIM
VETTING**

Ground News

Summary

Coverage

Italy gets back 266 antiquities from New York seizures and Houston museum

Left Center Right

- The United States has returned over 250 stolen ancient artefacts to Italy, including pots, paintings, and sculptures, some dating back 3,000 years.
- The artefacts were looted in the 1990s and sold to US museums and private collectors. Some of the mosaics are valued at tens of millions of euros.
- New York authorities have also recently returned several dozen stolen antiquities worth nearly \$3.5m to Italy, including a vase from 335 BC that was smuggled by a notorious trafficker of Italian antiquities.

Insights by Ground AI

Published 23 days ago · United States

News Articles

All Left Center Right

Spectrum Local News Center High Factualty Media Conglomerate: Advance Publications Media Conglomerate: Liberty Media

Italy gets back 266 antiquities from New York seizures

Items were looted and sold to private collectors.

22 days ago

Read Full Article

KHBS Center High Factualty Media Conglomerate: Hearst Communications

Italy gets back 266 antiquities from New York seizures after collector approaches Houston museum

The returned items include artifacts recently seized in New York from a storage unit belonging to a British antiquities dealer.

22 days ago

Read Full Article

KSBW Center High Factualty Media Conglomerate: Hearst Communications

Italy gets back 266 antiquities from New York seizures after collector approaches Houston museum

The returned items include artifacts recently seized in New York from a storage unit belonging to a British antiquities dealer.

News Coverage Details

Total News Sources	100
Leaning Left	23
Leaning Right	6
Center	51
Last Updated	22 days ago
Bias Distribution	64% Center

Bias Distribution

64% of the sources are Center



L 29% C 64%

Untracked bias



See less detail

Time & Location



Sources are mostly out of United States (42)

Types of coverage

Bias

Time horizon



**Researcher - public
communities**

“Building interdisciplinary teams & stakeholder partnerships”

Senator George J. Mitchell Center for Sustainability Solutions

At a Glance

[At a Glance](#)[Who we are](#)[What we do](#)[Why we do it](#)[Accomplishments](#)[Facebook Page](#)

At a Glance – Who we are

Building Interdisciplinary Teams & Stakeholder Partnerships

Lauded by University of Maine president Susan Hunter as “...one of the most ambitious programs ever begun at UMaine,” the Mitchell Center has received national and international recognition for its commitment to innovative, solutions-driven partnerships.

Solving sustainability problems requires unprecedented levels of program integration involving a high degree of interdisciplinary teamwork and robust university-stakeholder partnerships. The





Senator George J. Mitchell Center for Sustainability Solutions

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Educate/Engage

Sustainability Education


The Senator George J. Mitchell Center partners with organizations across the state to provide educational and research experiences for both teachers and students.

- [Northern Maine Children's Water Festival](#) (4th, 5th, 6th grades)
- [Courses in Sustainability Solutions](#) (Undergraduate/Graduate)
- [Maine Composts Week](#) (May 7-13, 2017)
- [Undergraduate](#)
- [Graduate](#)
- [Water & Sustainability Links](#) (resource page)

Stakeholder Partnerships

Our interdisciplinary research teams work in close partnership with stakeholders to maximize the relevance and potential value of research for decision-making. Our collaborative approach rests on a foundation of mutual respect, open communication, and a belief in the value of diverse ideas and experiences. Current stakeholder partners include tribal governments, state and federal agencies, non-governmental organizations and the private sector.





DIFFICULT
ROADS
LEAD TO
BEAUTIFUL
DESTINATIONS

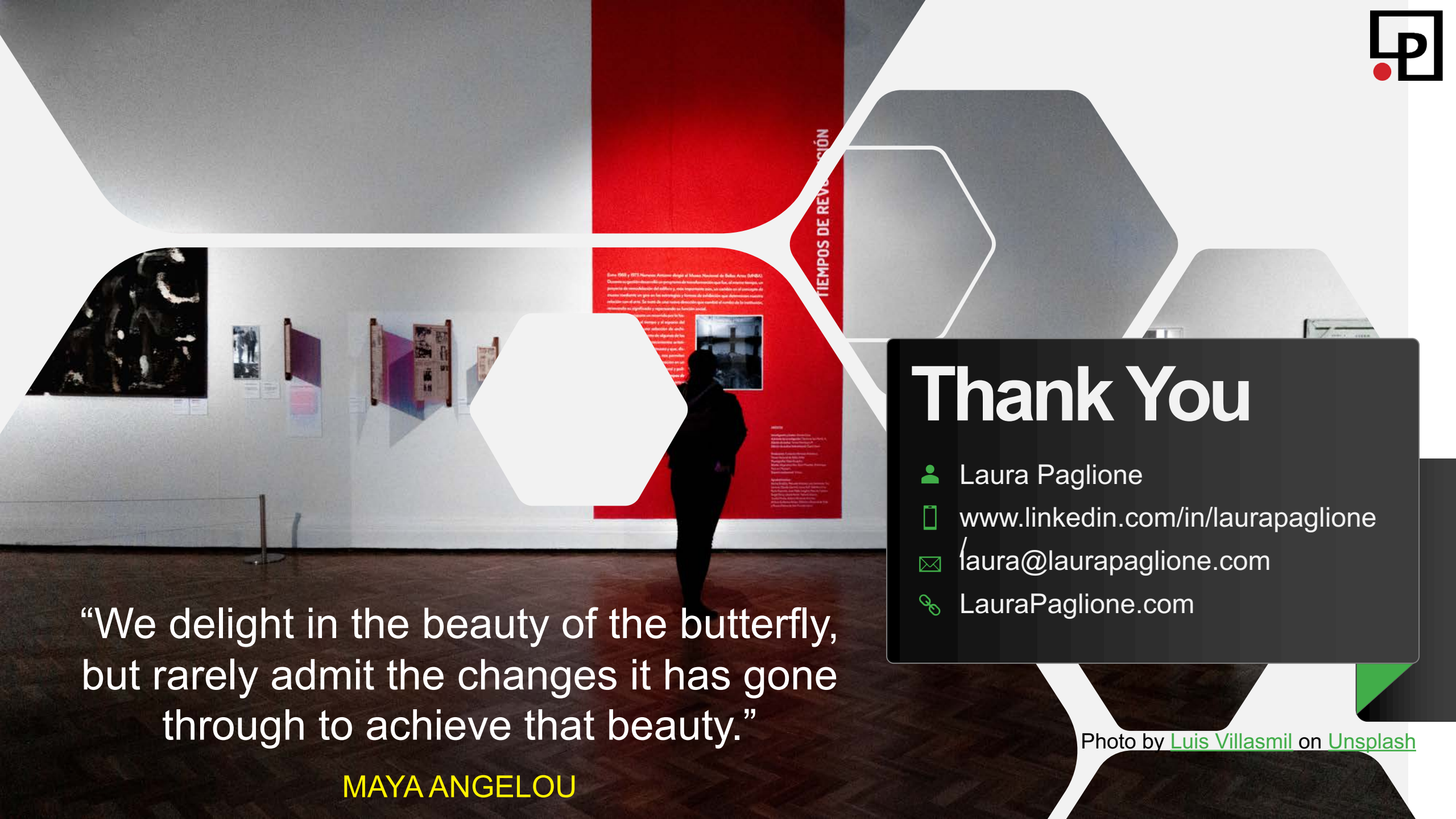
—

Photo by [Nik](#) on [Unsplash](#)



"The future is here
- it's just not
evenly distributed"

William Gibson



TIEMPOS DE REVISIÓN

Entre 1968 y 1973, Narciso Arango diseñó el Museo Nacional de Bellas Artes (MNBA). Durante su gestión se llevaron a cabo proyectos de renovación que fueron un precursor de la remodelación del edificio y, más importante aún, un cambio en el enfoque de museo mediante un giro en las estrategias y formas de exhibición que promovieron una reflexión sobre el arte. Se trata de una época decisiva que marcó el rumbo de la institución, transformando su significado y responsabilidad en la sociedad.



Thank You

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-  LauraPaglione.com

“We delight in the beauty of the butterfly, but rarely admit the changes it has gone through to achieve that beauty.”

MAYA ANGELOU

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Questions?

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