

Discovering the World of Information

**Workshop for the Year 2, English College in Prague,
3.4.2017**

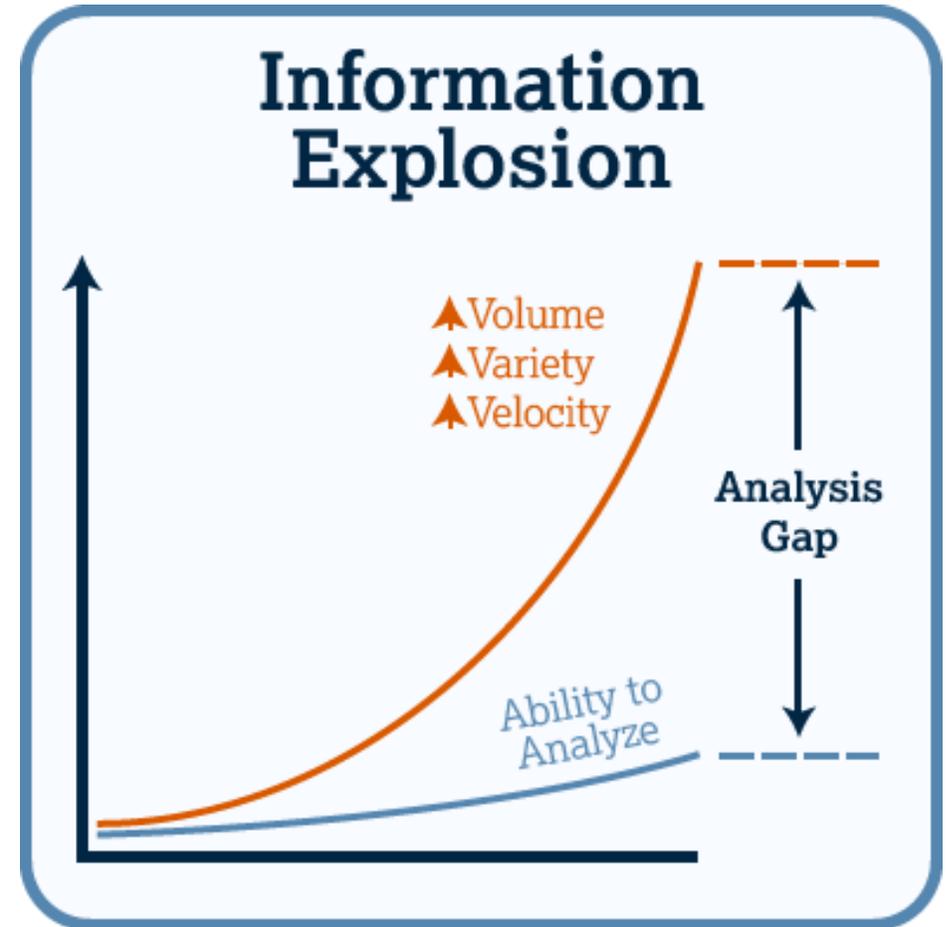
Tomáš Houdek, Olga Martinová, Tomáš Razím, Pavlína Tvrdá
National Library of Technology

Why are we here today?

- CRAAP
- Academic research
- Where to search
- Searching tools
- Search engines

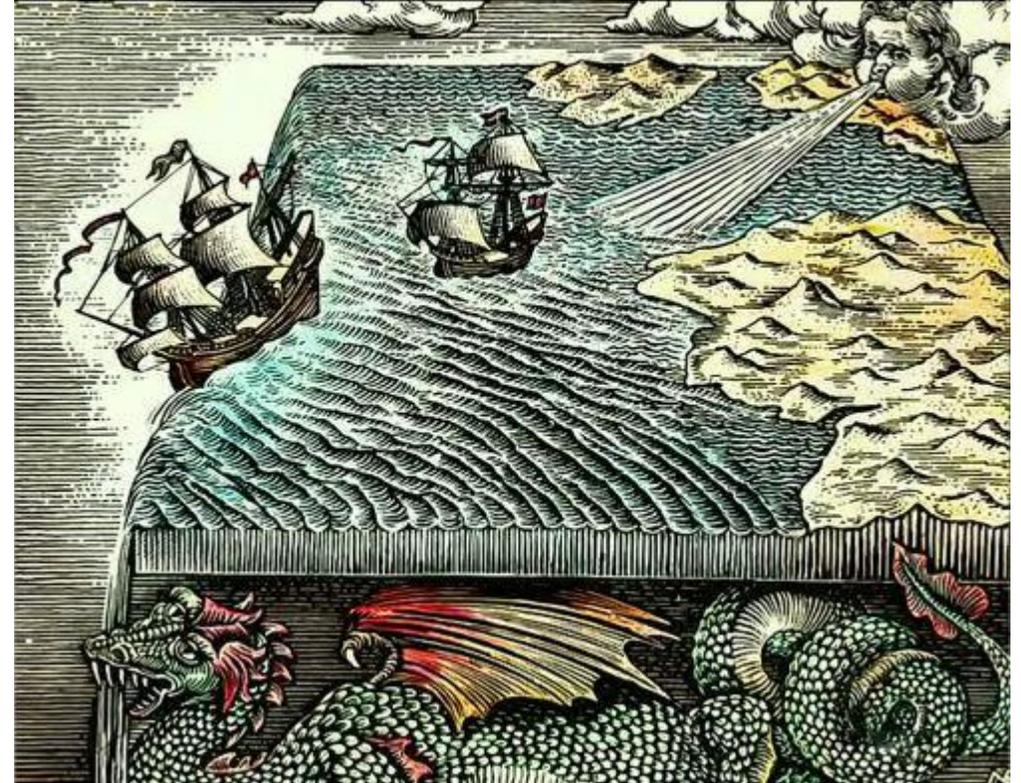
Evaluating information

- When you search for information, you're going to find lots of it
- Is it good information?
- Different criteria will be more or less important depending on your situation or need
- **To be sure, follow the CRAAP**



Evaluating information (CRAAP)

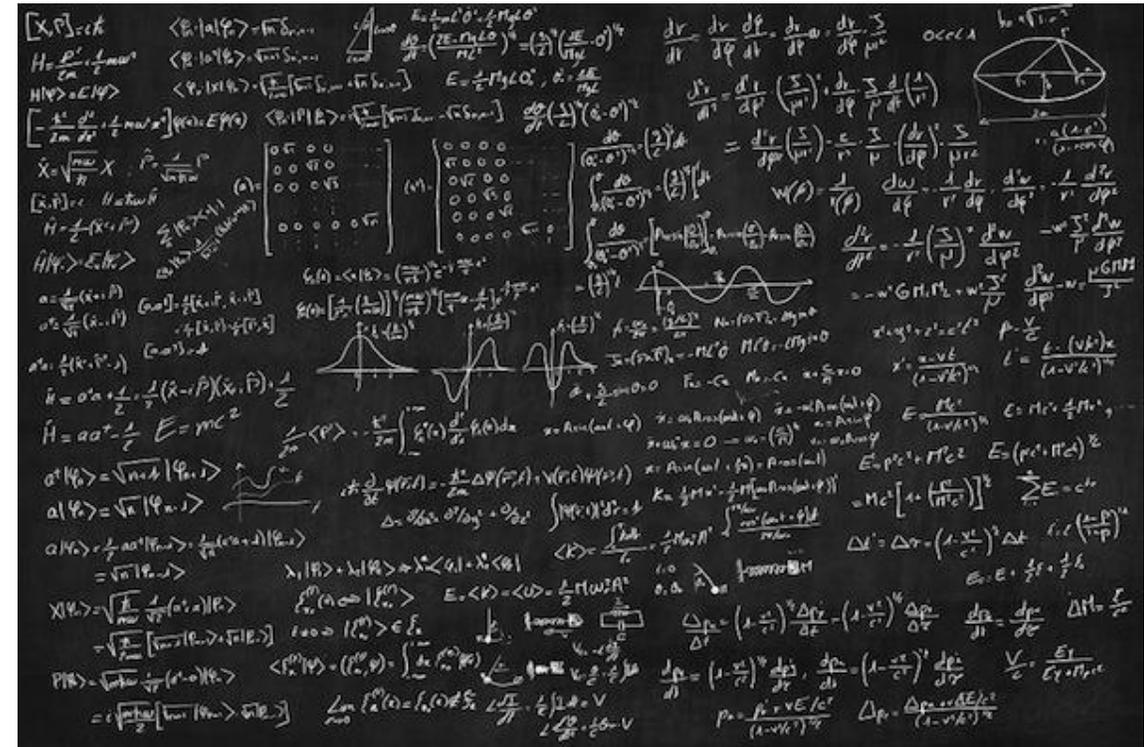
- **Currency:** *The timeliness of the information.*
- When was the information published or posted?
- Has the information been revised or updated?
- Does your topic require current information, or will older sources work as well?
- Are the links functional?



The Flat Earth Society: About [online].
[vid. 2017-03-01]. Available at:
<https://theflatearthsociety.org/home/index.php/about-the-society>

Evaluating information (CRAAP)

- **Relevance: *The importance of the information for your needs.***
- Does the information relate to your topic or answer your question?
- Who is the intended audience?
- Is the information at an appropriate level (i.e. not too elementary or advanced for your needs)?
- Would you be comfortable citing this source in your research paper?



An average homeschooler: high school textbooks. *Samantha Field* [online]. 12. 12. 2013 [2017-03-01]. Available at: <http://samanthapfield.com/2013/12/12/an-average-homeschooler-high-school-textbooks/>

Evaluating information (CRAAP)

- **Authority: *The source of the information.***
- Who is the author/publisher?
- Is the author qualified to write on the topic?
- Is there contact information, such as a publisher or email address?
- Does the URL reveal anything about the author or source?
(.edu .gov .org)



Evaluating information (CRAAP)

- **Accuracy: *The reliability, truthfulness and correctness of the content.***
- Where does the information come from?
- Is the information supported by evidence?
- Has the information been reviewed or refereed?
- Can you verify any of the information in another source?
- Does the language or tone seem free of emotion?
- Are there grammar or typographical errors?



Dirk Riehle: Switzerland According to CNN [online]. [2017-03-01]. Available at: <http://dirkriehle.com/humorous-takes/fun-photos/ch-according-to-cnn.html>

Evaluating information (CRAAP)

- **Purpose:** *The reason the information exists.*
- What is the purpose of the information? Is it to inform, teach, sell, entertain or persuade?
- Do the authors make their intentions or purpose clear?
- Is the information fact, opinion or propaganda?
- Does the point of view appear objective?

**Never confuse
OPINION
with
FACT**

Short exercise: OPINION or FACT?

- The Sun is in the center of the Universe.
- Spiders have 8 legs.
- Penguin is the cutest animal.
- Whales are the biggest fish.
- Ants can withstand a pressure up to 5,000 times greater than their own weight.
- It is possible to print an entire house.
- Only the smartest students can study at The English College in Prague.

Academic writing

What's scholarship all about?

- Thorough KNOWLEDGE of issues being examined
- Use of primary sources or other research methods (i.e. controlled experiment)
- All claims, data can be traced back and verified
- Precise terminologies
- Goal: to present new findings, new ideas

Be critical and smart when conducting research!



John Snow Knows About The Simpsons At Least. *Nerd Approved - News For Nerds* [online]. [2017-01-24]. Available at: <http://nerdapproved.com/misc-weirdness/john-snow-knows-simpsons-standards/>

Sources

- books/articles/news/archive records/laws/technical norms/blueprints...
- printed/electronic
- written/visual/audio
- observation/interview/correspondance
- licenced/open access

But all them must be traceable and verifiable! (remember the CRAAP!)



What happens when Knowledge Management crosses the line. *TIBCO blog* [online]. [2017-01-24]. Available at: <http://www.tibco.com/blog/2014/02/27/what-happens-when-knowledge-management-crosses-the-line/>

Basic knowledge/facts about a topic

- [Encyclopædia Britannica](#), [AccessScience](#) – access after login to library website
- Highly useful for geography and statistical comparisons
- Easily citable, including images

The screenshot displays the top navigation and research tools section of the Encyclopædia Britannica website. At the top, there is a search bar with the placeholder text "What are you researching today?" and a magnifying glass icon. Below the search bar, there are four tabs: "ARTICLES", "DICTIONARY", "PRIMARY SOURCES", and "JOURNALS / PERIODICALS". To the right of the search bar, there are three menu items: "ARTICLE BROWSE", "MEDIA BROWSE", and "BIOGRAPHIES". Below the navigation, the "RESEARCH TOOLS" section is highlighted. It contains three tools, each with a red border around its icon and title: "World Atlas" (with a globe icon), "Compare Countries" (with a bar chart icon), and "World Data Analyst" (with a pie chart icon). Each tool has a brief description. Below the research tools, the "ON THIS DAY" section is visible, featuring a portrait of Otto von Bismarck and a text block titled "The Second Reich" with a "Read more" link. At the bottom right, there is a yellow box titled "INTRODUCING MY RESEARCH!" with a "Login / Register" button.

What are you researching today?  [Advanced Search](#)

[ARTICLES](#) [DICTIONARY](#) [PRIMARY SOURCES](#) [JOURNALS / PERIODICALS](#)

[ARTICLE BROWSE](#)
[MEDIA BROWSE](#)
[BIOGRAPHIES](#)

RESEARCH TOOLS

 **World Atlas**
Search thousands of maps, flags, articles and statistics in this interactive World Atlas.

 **Compare Countries**
A unique geography tool that gives you quick facts and statistics on any two countries side-by-side.

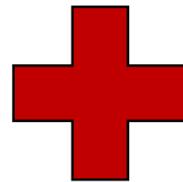
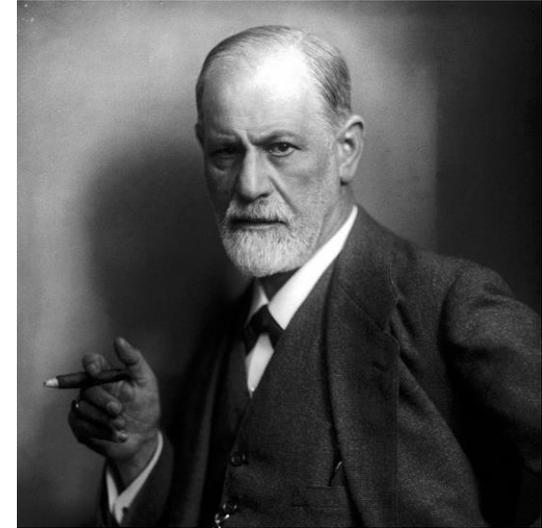
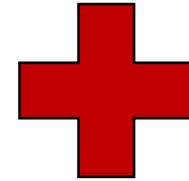
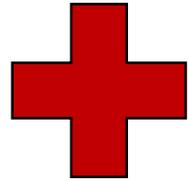
 **World Data Analyst**
Comprehensive statistics on every nation of the world. Perform statistical comparisons between countries or explore changes over time.

ON THIS DAY

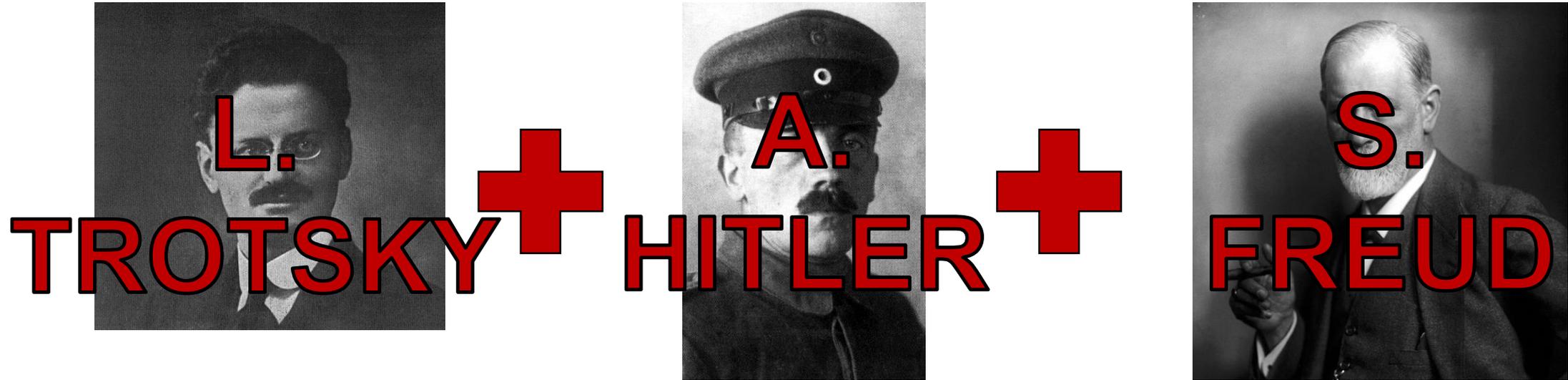
 **The Second Reich**
In 1871 the German Empire, forged as a result of diplomacy rather than an outpouring of popular nationalist feeling, was founded with [Otto von Bismarck](#) serving as its first chancellor.
[Read more](#)

INTRODUCING MY RESEARCH!
Create a personal account to save, organize and annotate your favorite content and media
[Login / Register](#)

Where could these guys go for a coffee in 1913?



Where could these guys go for a coffee in 1913?



=



+



Rushmore no more, Crazy times are coming

- Where is Mt. Rushmore?
- Who are the heads?
- To which tribe used the land belong? Will they take revenge?



HORSEY, David. Democracy goes trivial with the Donald Trump/Lindsey Graham feud. *Los Angeles Times* [online]. [2015-07-24]. Available at: <http://www.latimes.com/opinion/topoftheticket/la-na-tt-trump-graham-feud-20150724-story.html>

Piece of cake

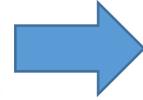


3.1415926535897932X8462643X83279502X84197

Our website a.k.a. „CRAAP filter“

NTK

50°6'14.083"N, 14°23'26.365"E
Národní technická knihovna
National Library of Technology

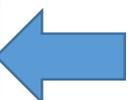
 All ▾ 🔍

Or browse: [Catalog](#), [eBooks A-Z](#), [eJournals A-Z](#), [All eResources](#) ⓘ

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- Services & Support ▾
- Culture & Events ▾
- Who We Are ▾
- Projects & Innovation ▾



- Main account page
- Patron account
- Reservation system
- Payment system
- Printing system
- Electronic Resources
- Complaints
- Change Password
- Change PIN
- Logout



- NTK Hours: 8:00
- Getting Started
 - Team Study
 - Print, Scan, Copy
 - Wi-Fi
 - What's On

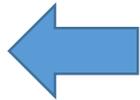
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- (+420) 232 002 535
- info@techlib.cz



Quick Links

- Consultations & Research Support
- Subject Guides
- Research Tools
- Become a Patron
- How to... (tech guides)
- Places to Study
- Suggest a Purchase
- Interlibrary Loan Services
- Conference Services & Rentals



News

- Journals from the American Physical Society**
4. 3. – Discover [APS Journals](#) database. It contains all available journals from the American Physical Society (APS) focused on physics.
- AccessScience Database**
22. 2. – You can now access one of the largest and most renowned encyclopedic works online. The [AccessScience](#) database offers over 8,500 articles and 115,000 encyclopaedic entries from...

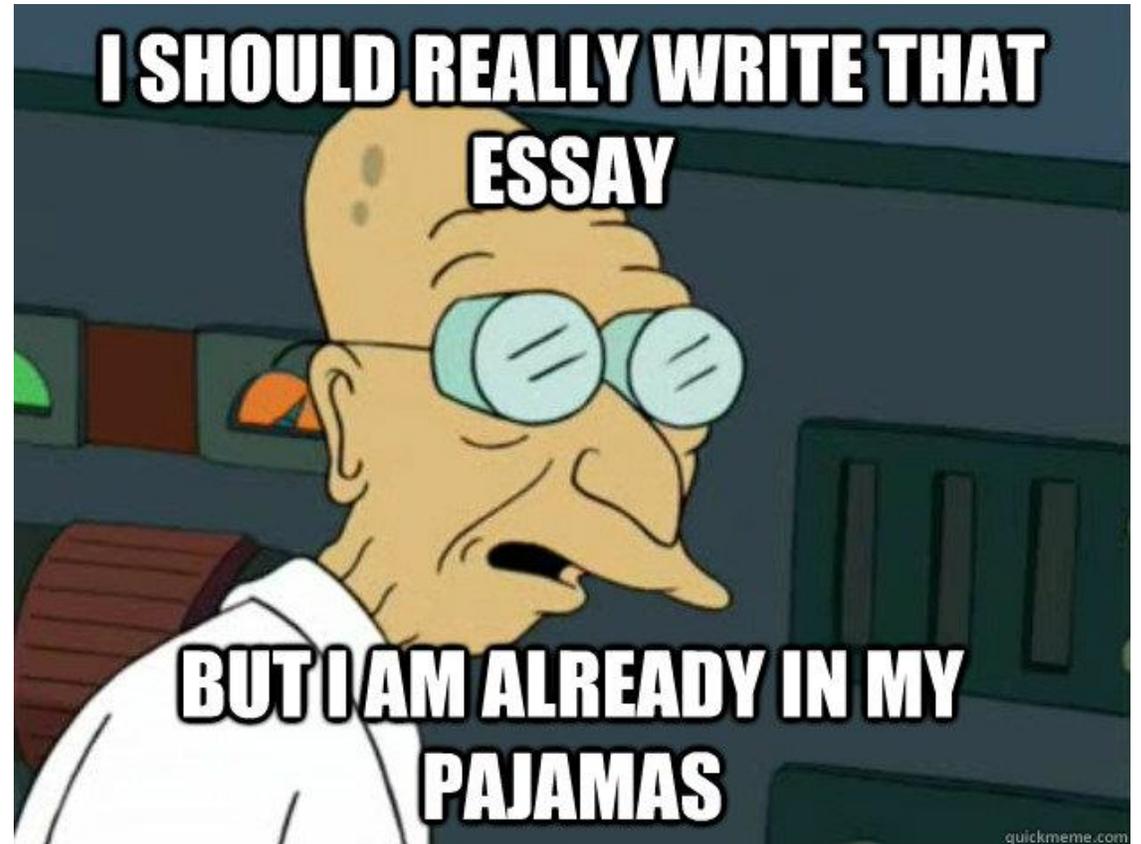
Selected eResources

- [EBSCOhost](#)
- [Emerald Insight](#)
- [Encyclopedia Britannica](#)
- [IEEE Xplore](#)
- [IET.tv](#)
- [IOPscience](#)
- [nature.com](#)
- [ProQuest](#)
- [ProQuest Ebook Central](#)
- [SAGE Journals](#)
- [ScienceDirect](#)
- [SCOPUS](#)
- [Springerlink](#)



Do research in your pyjamas

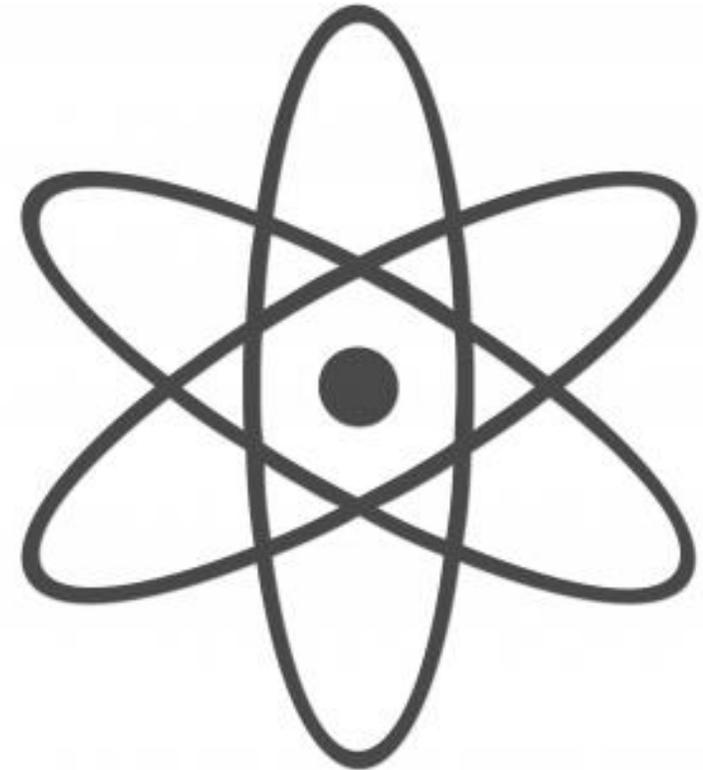
- After login, our eResources are available to you 24/7, wherever you are



I should really write that essay But I am already in my pajamas. *quickmeme* [online]. [2017-01-24]. Available at: <http://www.quickmeme.com/meme/3uomkn>

Interdisciplinarity – what is it?

- No discipline is hermetically sealed
- One topic might be considered from different perspectives
- Sciences might overlap with humanities and other disciplines
- It's cool to be inter-/multi-/transdisciplinary



Libraries of the world, unite!

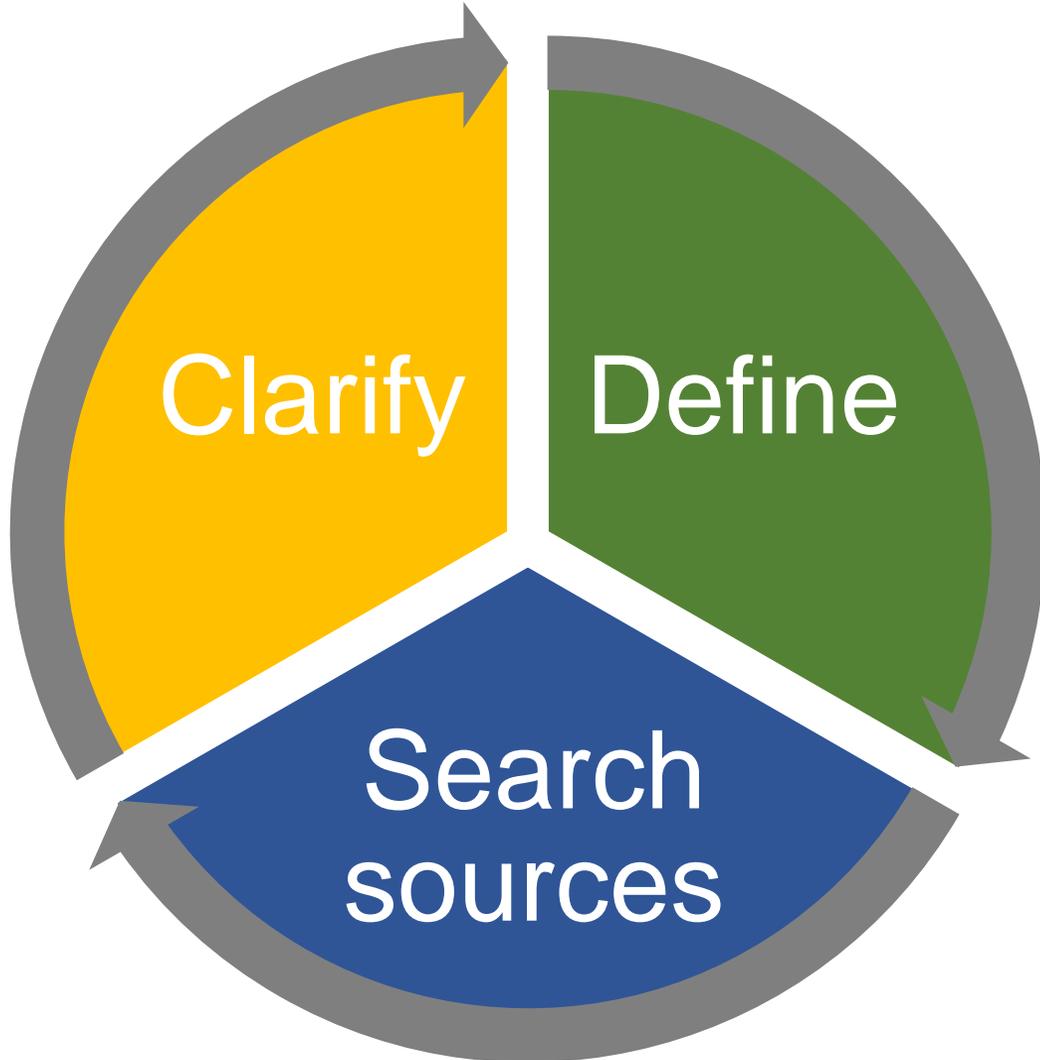
Inter-

Library

Loan

- All the libraries with the richest collections participate!
- Order your resources from anywhere and pick them up in NTK!
- Free of charge!
- (Unless you order it from outside the Czech Republic, then we'll charge you a little...)

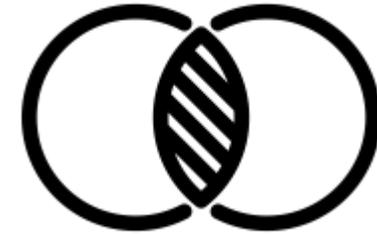
Where to start?



- **Don't forget to cut the CRAAP**

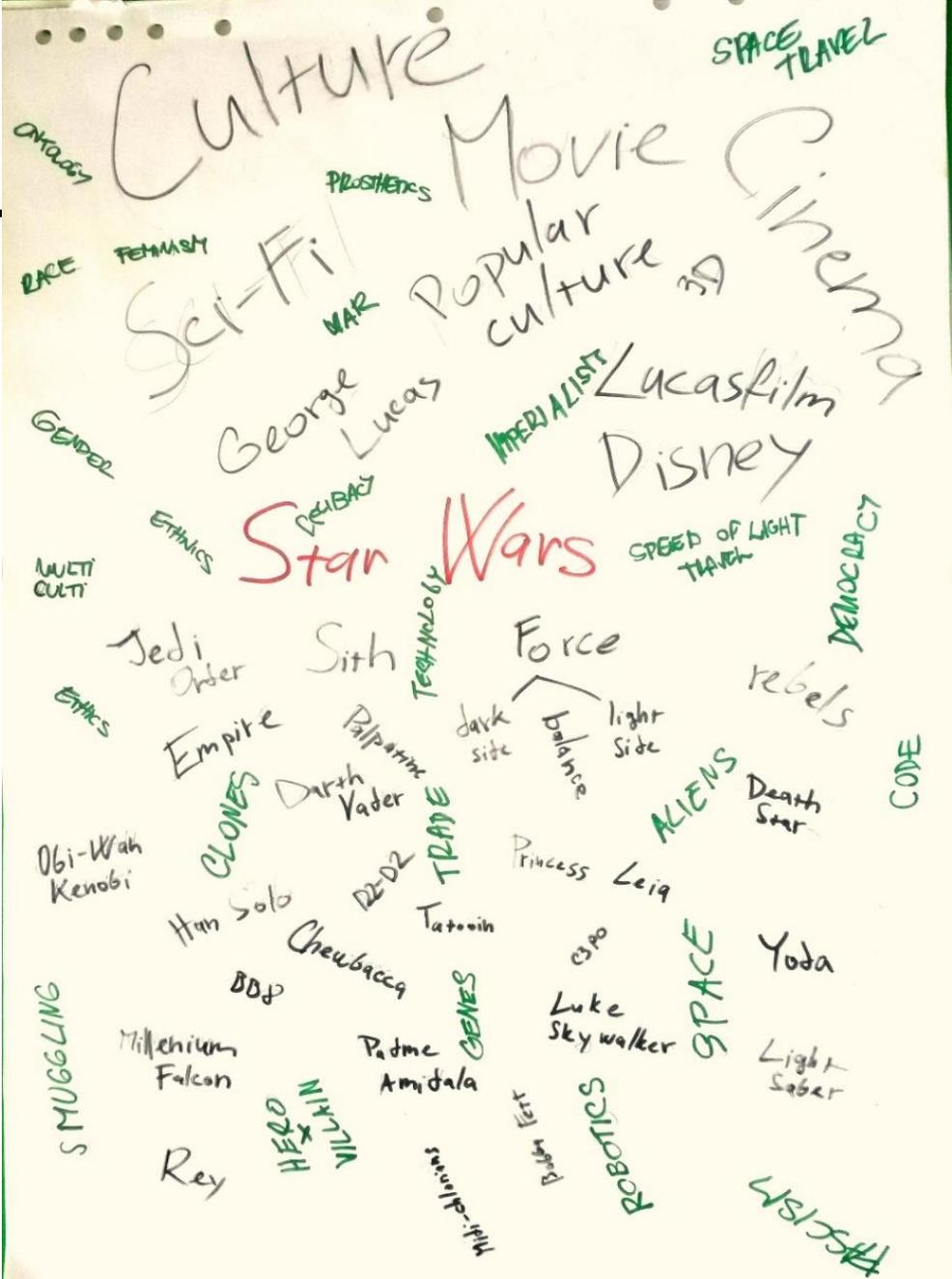
Search like an expert

- Keywords
- Operators
- Quotation marks
- Asterisk*
- Filters



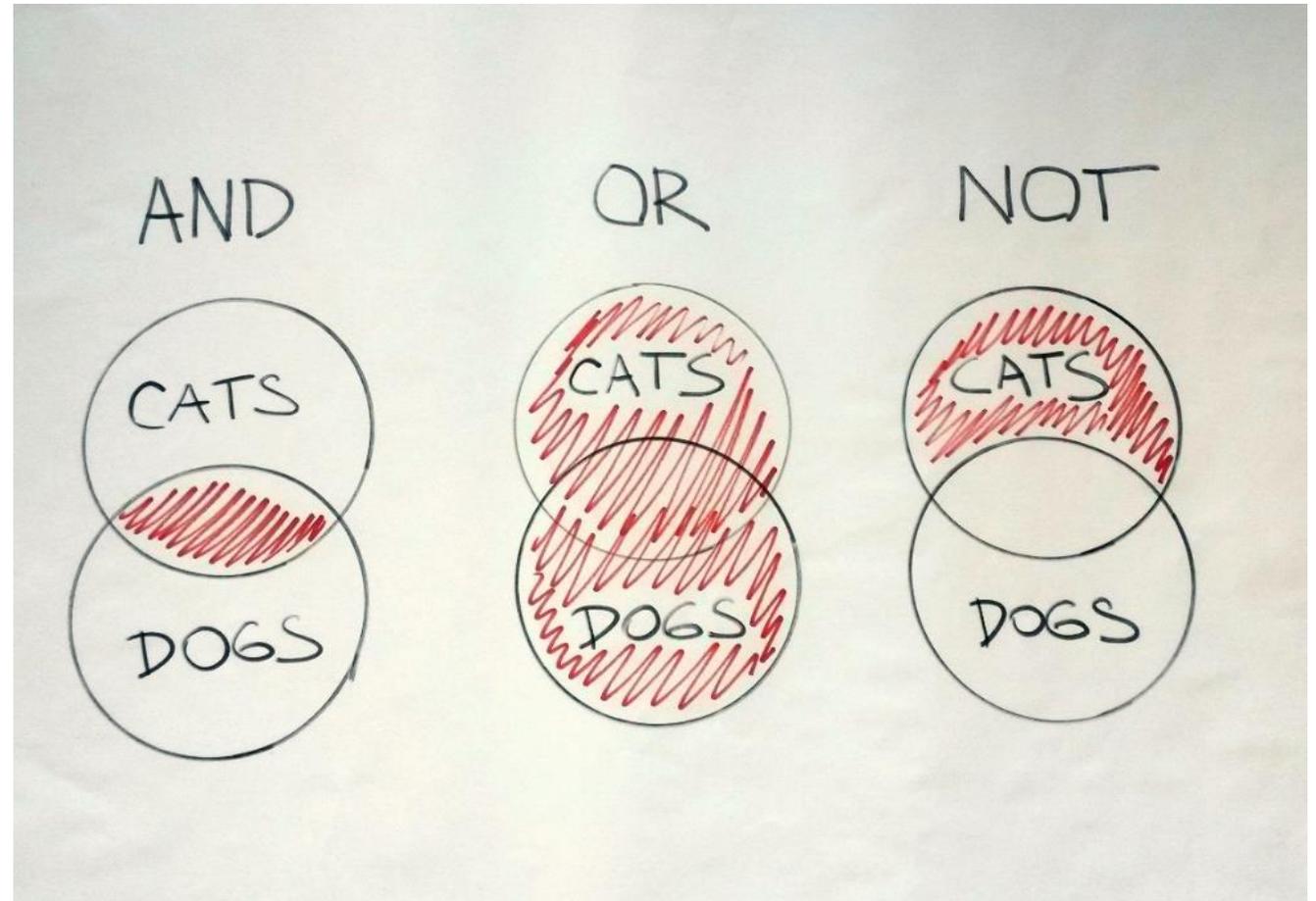
Search like an expert

- Keywords – immensely important; define and broaden or narrow a search query



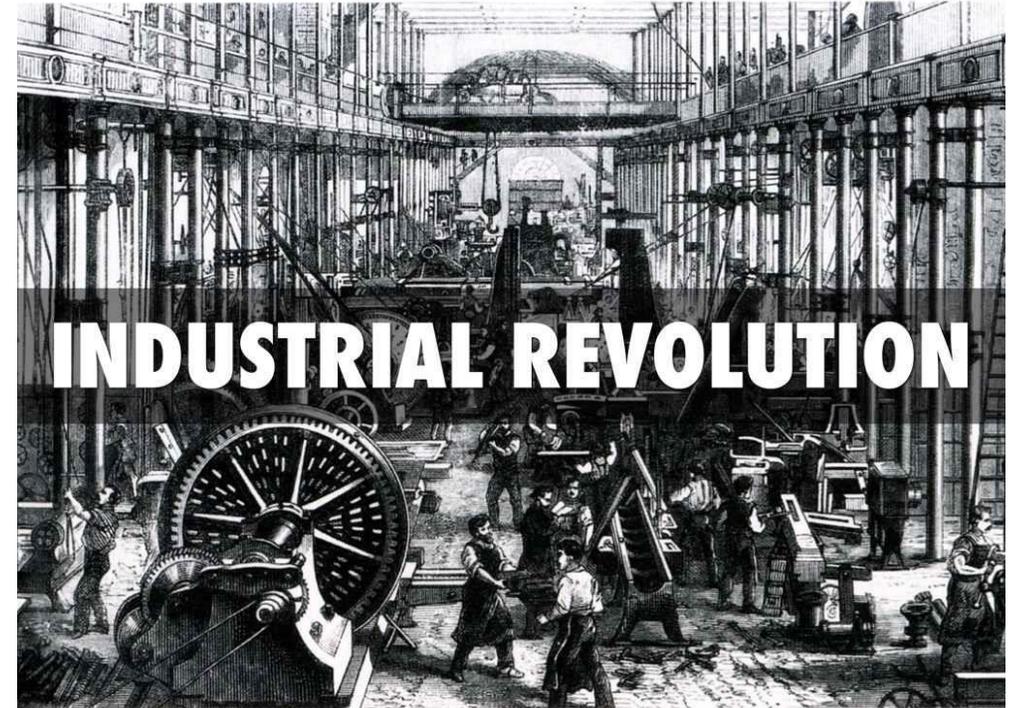
Search like an expert

- Operators – combine or exclude certain results



Search like an expert

- Quotation marks - search for whole phrases



Industrial

+

Revolution

=

"Industrial revolution"

International Industrial Division.
Actavo [online]. [2017-01-24].
Available
at: <http://www.actavo.com/?sectors=international-industrial-division>

Whatever Happened to the VDI Revolution?.
Virtualization Review [online]. [2017-01-24].
Available
at: <https://virtualizationreview.com/articles/2015/07/13/whatever-happened-to-the-vdi-revolution.aspx>

History of The Industrial Revolution. *History Discussion - Discuss Anything About History* [online]. [2017-01-24].
Available at: <http://www.historydiscussion.net/history/industrial-revolution/history-of-the-industrial-revolution/1784>

Search like an expert

- Asterisk ...* - search for a word with any suffix while keeping the root

industr*

industry

industrial

industrialism

Industrialization

environ*

environment****

environmental****

environmentalism****

architec*

architect

architecture****

architectural****

architecturally****

Search like an expert

- Filters - narrow results by various criteria

The image shows a search interface with several filter sections highlighted by red boxes. The 'PUBLICATION DATE' section includes a range slider and input fields for 'from' and 'to' dates, with preset options for 'Last 12 Months', 'Last 3 years', and 'Last 5 years'. The 'SUBJECT TERMS' section lists terms like 'research', 'article', 'reports', 'universities and colleges', and 'analysis' with their respective counts. The 'LANGUAGE' section is currently empty. On the right, the 'REFINE YOUR SEARCH' section lists options like 'Full Text Online', 'Scholarly & Peer-Review', 'Peer-Review', and 'Library Catalog'. The 'CONTENT TYPE' section lists categories such as 'Journal Article', 'Patent', 'Newspaper Article', 'Magazine Article', and 'Book / eBook' with their counts. The 'DISCIPLINE' section lists fields like 'medicine', 'chemistry', 'sciences', 'engineering', and 'biology' with their counts.

PUBLICATION DATE

from to

Last 12 Months
Last 3 years
Last 5 years

SUBJECT TERMS

research (6,839,379)
article (4,173,700)
reports (3,381,450)
universities and colleges (3,342,551)
analysis (3,282,283)
More...

LANGUAGE

REFINE YOUR SEARCH

Full Text Online
Scholarly & Peer-Review
Peer-Review
Library Catalog

CONTENT TYPE

Journal Article (98,905,904)
Patent (73,982,185)
Newspaper Article (32,375,867)
Magazine Article (14,646,256)
Book / eBook (600,464)
More...

DISCIPLINE

medicine (102,622,414)
chemistry (82,080,685)
sciences (75,315,628)
engineering (22,189,353)
biology (9,316,143)
More...

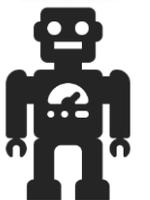
Search like an expert

- basic search:

sci-fi **AND** robot **AND** literature

- expert search:

("science fiction" **OR** "sci-fi") **AND** (robot* **OR** "artificial intelligence")
AND (literature **NOT** (movie **OR** film))



Find it yourself

The screenshot displays the NTK library search interface. At the top, the search bar contains the query "cows global warming" and shows "13,018 results sorted by relevance". A red exclamation mark icon is positioned next to the results count. The left sidebar contains three filter sections: "REFINE YOUR SEARCH" with options like "Full Text Online" and "Library Catalog"; "CONTENT TYPE" with counts for "Journal Article (5,369)", "Book / eBook (3,302)", "Magazine Article (1,619)", "Book Chapter (1,339)", and "Newspaper Article (1,155)"; and "DISCIPLINE" with counts for "agriculture (2,371)", "history & archaeology (2,116)", "engineering (1,776)", "environmental sciences (1,674)", and "ecology (1,535)". The "PUBLICATION DATE" section at the bottom left features a date range slider. The main results area lists three items, each with an "online" icon and a document icon. Item 1 is "Don't have a cow! Fight global warming with CFC" by Alston, Theodore A. Item 2 is "The effect of improving cow productivity, fertility, and longevity on the global warming potential of dairy systems" by Bell, M.J.; Wall, E.; Russell, G.; More... Item 3 is "Studies from A.N. Hristov et al Add New Findings in the Area of Alkanes (Short communication: Comparison of the GreenFeed system with the sulfur hexafluoride tracer technique for measuring enteric methane emissions from dairy cows..." by a News Reporter-Staff News Editor at Global Warming Focus. Each result includes a "Full Text Online" link and a "Preview" dropdown.

NTK
NORTH TEXAS STATE UNIVERSITY
National University of Technology

cows global warming Advanced

13,018 results sorted by [relevance](#)   Add results beyond your library's collection

Database Recommendations
[ProQuest Natural Science Collection](#)
[ProQuest SciTech Collection](#)

1   Don't have a cow! Fight **global warming** with CFC    
by [Alston, Theodore A](#)
Nature, 08/2004, Volume 430, Issue 7003
Journal Article: [Full Text Online](#)
[Preview](#)

2   The effect of improving **cow** productivity, fertility, and longevity on the **global warming** potential of dairy systems    
by [Bell, M.J.](#); [Wall, E.](#); [Russell, G.](#); [More...](#)
Journal of Dairy Science, 07/2011, Volume 94, Issue 7
... the **global warming** potential (GWP) in carbon dioxide equivalent (CO₂-eq.) emissions and resource use (in the context of this paper, land use) associated...
Journal Article: [Full Text Online](#)
[Preview](#)

3   Studies from A.N. Hristov et al Add New Findings in the Area of Alkanes (Short communication: Comparison of the GreenFeed system with the sulfur hexafluoride tracer technique for measuring enteric methane emissions from dairy cows...    
Global Warming Focus, 07/2016
...By a News Reporter-Staff News Editor at **Global Warming** Focus -- A new study on Alkanes is now available. According to news reporting originating in St. Louis...
Journal Article: [Full Text Online](#)

REFINE YOUR SEARCH
Full Text Online
Scholarly & Peer-Review
Peer-Review
Library Catalog

CONTENT TYPE
Journal Article (5,369)
Book / eBook (3,302)
Magazine Article (1,619)
Book Chapter (1,339)
Newspaper Article (1,155)
More...

DISCIPLINE
agriculture (2,371)
history & archaeology (2,116)
engineering (1,776)
environmental sciences (1,674)
ecology (1,535)
More...

PUBLICATION DATE
from to

Narrowing results

Title cows **AND**

Title global warming **AND**

All Fields **AND**

All Fields [Add a row](#)

Publication date range: from to

Show content type:
 Any Type
 Audio Recording
 Book / eBook

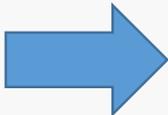
Language:

Show only: **Items with full text online**
 Scholarly materials, including peer-reviewed
 Peer reviewed publications
 Items in the library catalog (includes mostly print and physical material)

Exclude from results :
 Newspaper articles
 Book Reviews
 Dissertations

Expand your results: Include results from outside your library's collection

Search [Clear Form](#) [Back to basic search](#)



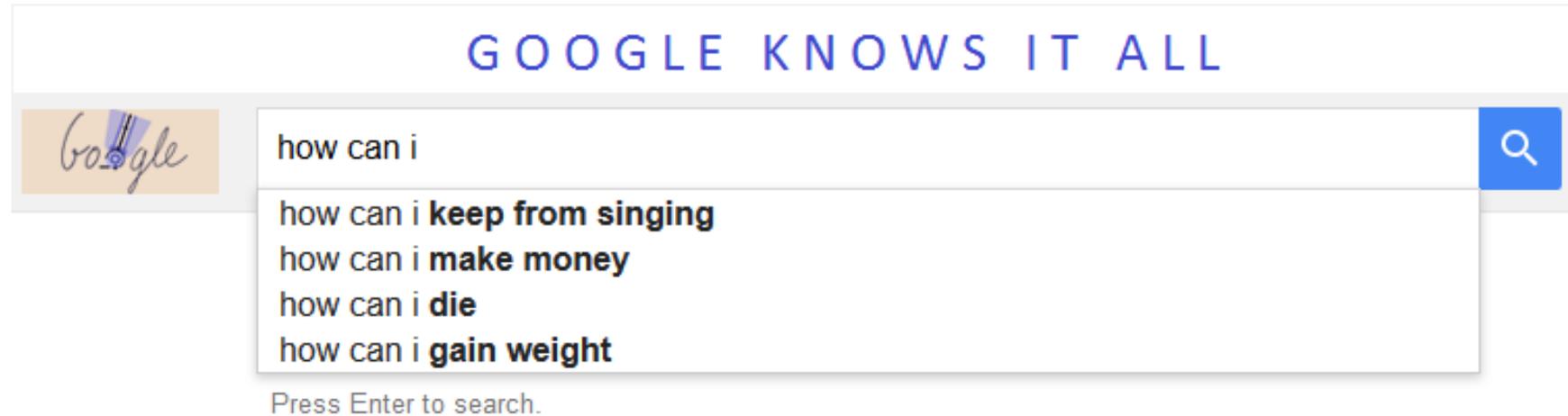
(TitleCombined:(cows)) AND (TitleCombined:(global warming))

140 results sorted by **relevance** Add results beyond y

1  **The effect of improving cow productivity, fertility, and longevity on the global warming potential of dairy systems**
by [Bell, M.J.](#); [Wall, E.](#); [Russell, G.](#); [More...](#)
Journal of Dairy Science, 07/2011, Volume 94, Issue 7
This study compared the environmental impact of a range of dairy production systems in terms of their global warming potential (GWP, expressed as carbon...
Journal Article: [Full Text Online](#)
[Preview](#)

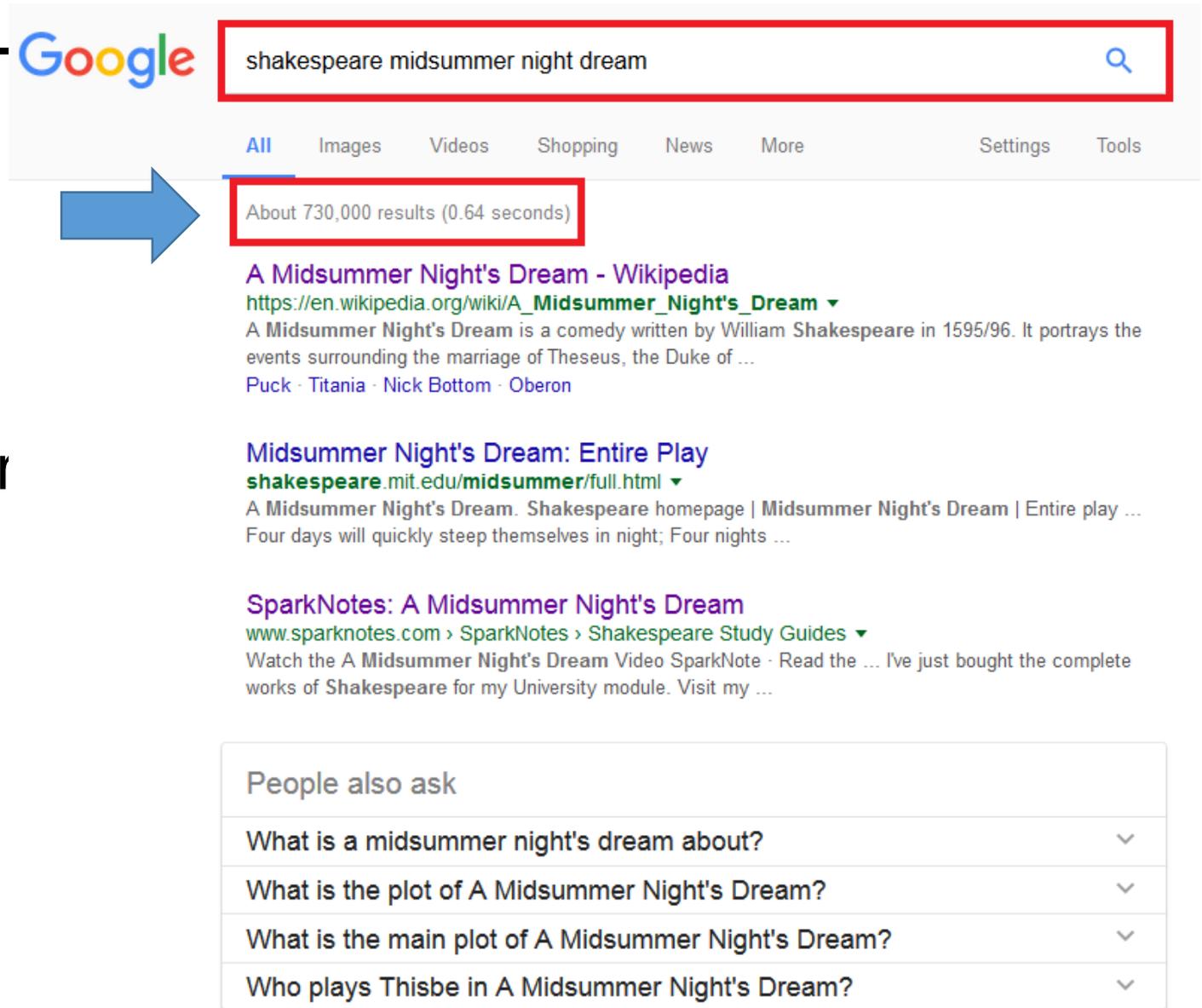
2  **Substitution of corn silage with sorghum silages in lactating cow diets: In vivo methane emission and global warming potential of milk production**
by [Colombini, S.](#); [Zucali, M.](#); [Rapetti, L.](#); [More...](#)
AGRICULTURAL SYSTEMS, 06/2015, Volume 136
A study was conducted to determine whether sorghum silage can be a valid alternative to corn silage in lactating cow rations in terms of enteric CH4 production...

Google it – but “google it” right



Google vs. Google Scholar

- Many results don't always mean success
- Results might be irrelevant, unverified, or just silly...



The image shows a Google search interface. The search bar contains the text "shakespeare midsummer night dream". Below the search bar, there are navigation tabs for "All", "Images", "Videos", "Shopping", "News", and "More". The "All" tab is selected. Below the tabs, a red box highlights the text "About 730,000 results (0.64 seconds)". A blue arrow points from the text "Many results don't always mean success" to this red box. Below the search results, there are three search results listed:

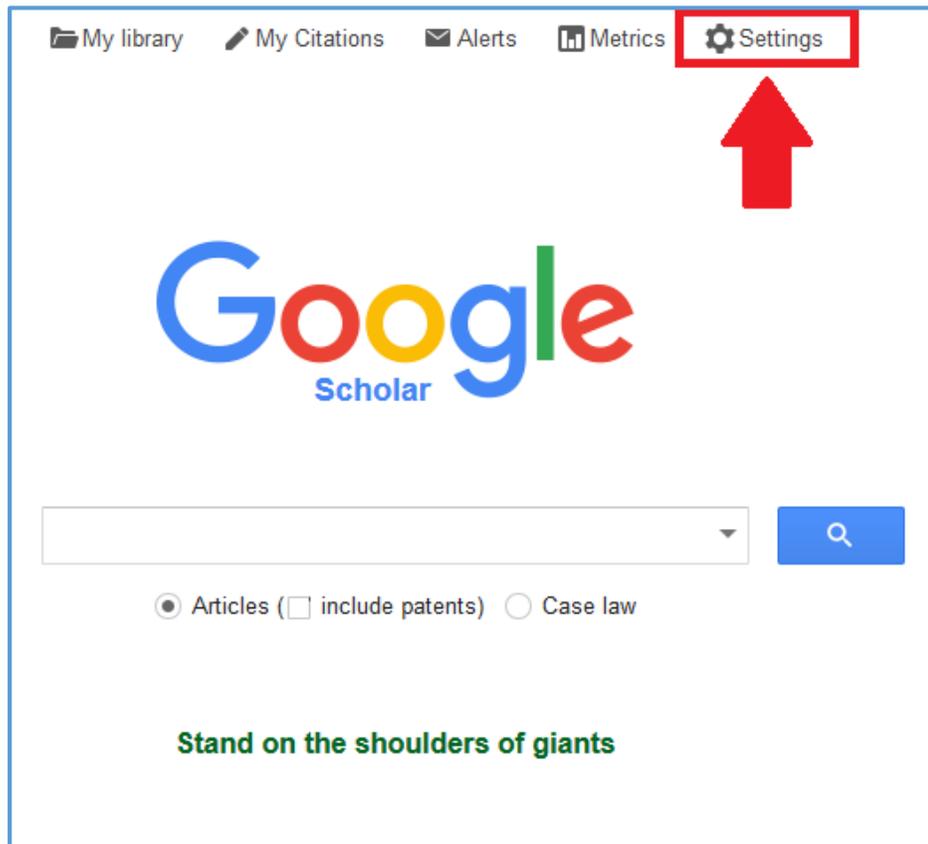
- A Midsummer Night's Dream - Wikipedia**
https://en.wikipedia.org/wiki/A_Midsummer_Night's_Dream ▼
A Midsummer Night's Dream is a comedy written by William Shakespeare in 1595/96. It portrays the events surrounding the marriage of Theseus, the Duke of ...
Puck · Titania · Nick Bottom · Oberon
- Midsummer Night's Dream: Entire Play**
shakespeare.mit.edu/midsummer/full.html ▼
A Midsummer Night's Dream. Shakespeare homepage | Midsummer Night's Dream | Entire play ...
Four days will quickly steep themselves in night; Four nights ...
- SparkNotes: A Midsummer Night's Dream**
www.sparknotes.com > [SparkNotes](#) > [Shakespeare Study Guides](#) ▼
Watch the A Midsummer Night's Dream Video SparkNote · Read the ... I've just bought the complete works of Shakespeare for my University module. Visit my ...

Below the search results, there is a section titled "People also ask" with four questions:

- What is a midsummer night's dream about? ▼
- What is the plot of A Midsummer Night's Dream? ▼
- What is the main plot of A Midsummer Night's Dream? ▼
- Who plays Thisbe in A Midsummer Night's Dream? ▼

Find it with Google Scholar

scholar.google.cz

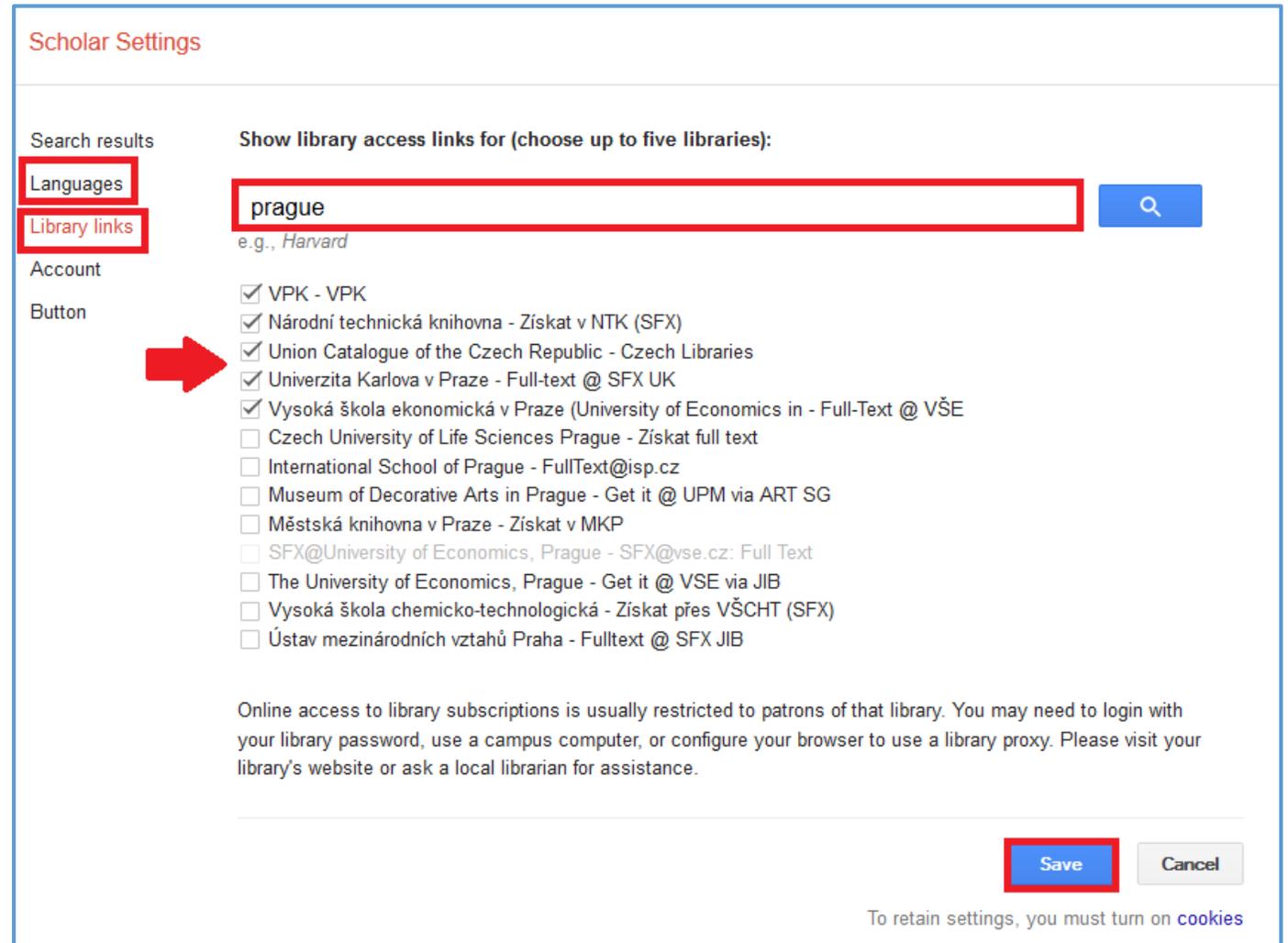


My library My Citations Alerts Metrics **Settings**

Google
Scholar

Articles include patents Case law

Stand on the shoulders of giants



Scholar Settings

Search results Languages Library links Account Button

Show library access links for (choose up to five libraries):

prague

e.g., Harvard

- VPK - VPK
- Národní technická knihovna - Získat v NTK (SFX)
- Union Catalogue of the Czech Republic - Czech Libraries
- Univerzita Karlova v Praze - Full-text @ SFX UK
- Vysoká škola ekonomická v Praze (University of Economics in - Full-Text @ VŠE)
- Czech University of Life Sciences Prague - Získat full text
- International School of Prague - FullText@isp.cz
- Museum of Decorative Arts in Prague - Get it @ UPM via ART SG
- Městská knihovna v Praze - Získat v MKP
- SFX@University of Economics, Prague - SFX@vse.cz: Full Text
- The University of Economics, Prague - Get it @ VSE via JIB
- Vysoká škola chemicko-technologická - Získat přes VŠCHT (SFX)
- Ústav mezinárodních vztahů Praha - Fulltext @ SFX JIB

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Vlastní období...

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Vytvořit upozornění

Taken by the Fairies: Fairy Practices and the Production of Popular Culture in A **Midsummer Night's Dream**

ME Lamb - *Shakespeare Quarterly*, 2000 - JSTOR

T THROUGH THE CROSS-DISCIPLINARY WORK of sociologists, social historians, and literary scholars, the field of popular culture has become increasingly sophisticated+ Critiques of the concept of "popular culture" itself have proven particularly productive+ As

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[KNIHA] Our moonlight revels: A **Midsummer Night's Dream** in the theatre

GJ Williams - 1997 - [library.uow.edu.au](#)

... Use the truncation symbol * to widen your search and find entries which include the words theatre and theater (US spelling), and, history, historical or historically. Title: Our moonlight revels: A **midsummer night's dream** in the theatre Author: Gary Jay Williams ...

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" Obscured by **dreams**": Race, Empire, and **Shakespeare's A Midsummer Night's Dream**

M Hendricks - *Shakespeare Quarterly*, 1996 - JSTOR

Midsummer Night's Dream performed by the **Shakespeare** Santa Cruz repertory company (hereafter SSC). In a camp rendering of **Shakespeare's** text, director Danny Scheie sought to illuminate what he viewed as the sexual politics of the text. Featuring a variety of pop-culture

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Imagination in A **Midsummer Night's Dream**

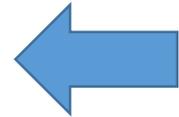
RW Dent - *Shakespeare Quarterly*, 1964 - JSTOR

0 1 g2 A **Midsummer Night's Dream** for its artistic fusion of seemingly disparate elements. Sometimes the praise involves little, really, beyond admiring the skill with which

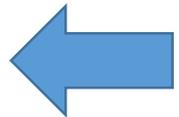
Shakespeare interwove the actions of the four lovers, the fairies, and the o mechanicals in

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[PDF] pbworks.com



[PDF] shakespeare4alltime.com



Excercise!

The NTK Midsummer Research Challenge!



Shakespeare (Big Willy) Funny Poster. In: *Shakespeare (Big Willy) Funny Poster* [online]. ©AllPosters.com [5.9.2016]. Available at: http://www.allposters.com/-sp/Shakespeare-Big-Willy-Funny-Poster-Posters_i9843569_.htm

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- ...but more about that another time.

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