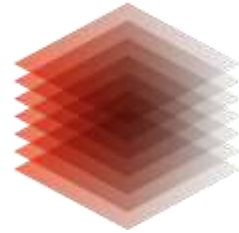


LEIBNIZ-INFORMATIONSZENTRUM  
TECHNIK UND NATURWISSENSCHAFTEN  
UNIVERSITÄTSBIBLIOTHEK

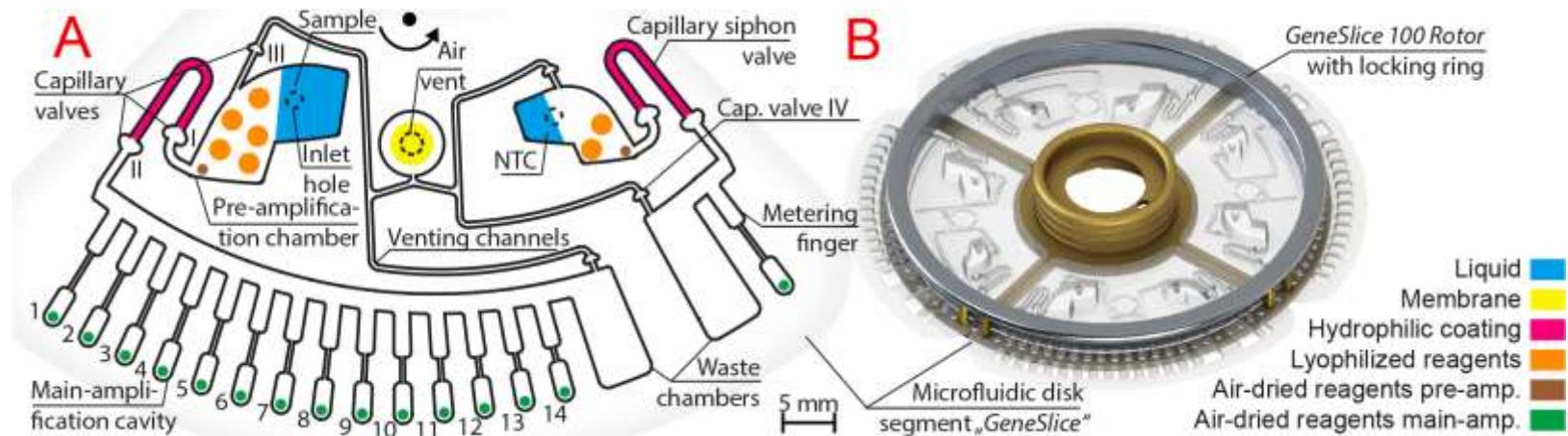


TIB

**Die digitale Allmende als  
bibliothekarisches Tätigkeitsfeld:  
Wie das DFG Projekt NOA Wikidata,  
Wikimedia Commons und Wikisource  
als kollaborative Werkbank für Open-  
Access-Artikel und -Abbildungen  
nutzen will**

106. Bibliothekartag, Frankfurt/Main, 30.5.2017  
Lambert Heller, Ina Blümel, Christian Wartena

# Abbildungen: Eine tief hängende Frucht innerhalb der Open Access-Fachliteratur



Quelle: [doi:10.1371/journal.pone.0131845.g001](https://doi.org/10.1371/journal.pone.0131845.g001)

# Wie finden wir naturwissenschaftlich-technische Abbildungen?



The screenshot shows the SpringerImages website. At the top, there is a navigation bar with links for HOME, ABOUT, FOR LIBRARIES, CONTACT US, and HELP. A search bar is located below the navigation bar, with a 'Search' button and a link to 'Show advanced options'. The main content area features a large heading: 'SpringerImages provides a new way to access hard-to-find scientific content of the utmost value to researchers: images.' Below this heading, there is a 'FEATURED IMAGES' section with four small image thumbnails. On the left side, there is a table listing subjects and their corresponding image counts.

Subjects Also Available:	How can I get it?
BioMedicine	254,170
Biology Image Library	3,390
Chemistry	294,033
Computer Science	33,401
Economics & Management Science	32,391
Education	7,113
Engineering	67,383
Environment	47,256
Geography	3,677

Quelle: <http://web.stanford.edu/group/swain/cgi-bin/blog/2009/09/24/springerimages-trial-access-available-until-december-31-2009/>

## Wie finden wir naturwissenschaftlich-technische Abbildungen (nicht mehr)?

5/26/14

# Discontinuation of SpringerImages

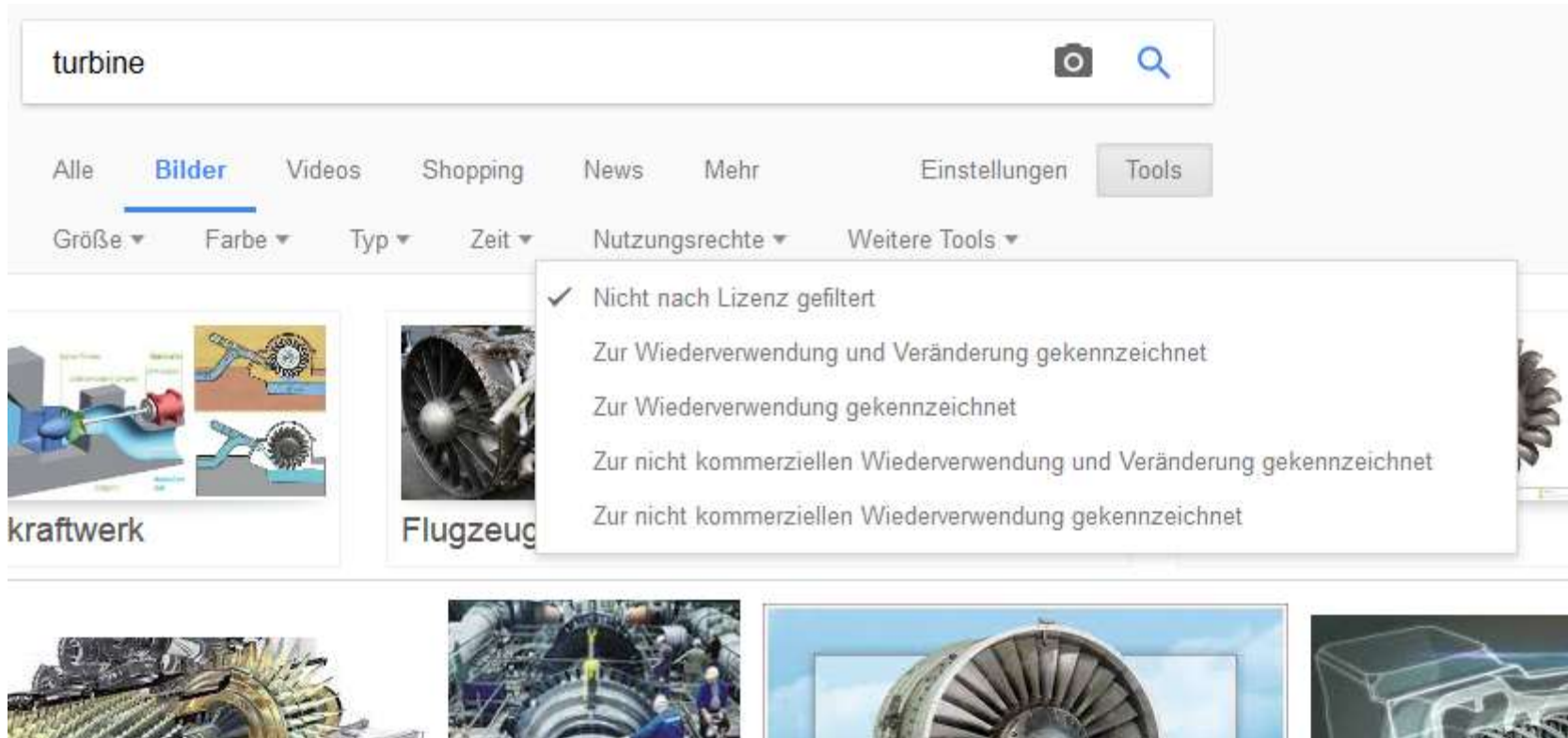
Berlin, 27 May 2014

Springer has come to the decision to discontinue the image database SpringerImages since it is not aligned with our strategy and long-term plans for image-related services and products at Springer.



Quelle: <https://www.springer.com/gp/about-springer/media/statements/discontinuation-of-springerimages/26274>

# Wie finden wir naturwissenschaftlich-technische Abbildungen?




The screenshot shows a Google search for "turbine" with the "Bilder" (Images) tab selected. The search bar contains "turbine" and has a camera icon and a search icon. Below the search bar are navigation tabs: "Alle", "Bilder" (selected), "Videos", "Shopping", "News", "Mehr", "Einstellungen", and "Tools". Below these are filter options: "Größe", "Farbe", "Typ", "Zeit", "Nutzungsrechte", and "Weitere Tools". A dropdown menu is open over the "Nutzungsrechte" filter, showing the following options:

- Nicht nach Lizenz gefiltert
- Zur Wiederverwendung und Veränderung gekennzeichnet
- Zur Wiederverwendung gekennzeichnet
- Zur nicht kommerziellen Wiederverwendung und Veränderung gekennzeichnet
- Zur nicht kommerziellen Wiederverwendung gekennzeichnet

The search results show several images related to turbines. The first image is a technical diagram of a turbine engine, labeled "kraftwerk". The second image is a photograph of a turbine engine, labeled "Flugzeug". Below these are four more images: a close-up of turbine blades, a turbine engine in a factory setting, a close-up of a turbine engine, and a close-up of a turbine engine.

Quelle: <https://www.google.de/search?q=turbine>


# Wie finden wir naturwissenschaftlich-technische Abbildungen?



**Turbine – Wikipedia**  
Wikipedia - 200 × 239 - Bildersuche  
Montage einer Dampfturbine

Seite besuchen   Bild ansehen   < Teilen

Ähnliche Bilder



Weitere ansehen

Die Bilder sind eventuell urheberrechtlich geschützt. - Hilfe - Feedback geben

Quelle: <https://www.google.de/search?q=turbine>

## Offene Abbildungen automatisiert Sammeln und Erschließen mit Wikicommons & Wikidata

- Gemeinsames DFG-Projekt von TIB und Hochschule Hannover, 2016-2019
- Pipeline, um Bilder aus OA-Artikeln zu extrahieren und Themen anhand von Textbestandteilen zu erkennen
- Besonderheit des gewählten Ansatzes: Speicherung der Bilder in Wikimedia Commons, Beschreibung der Objekte in Wikidata. Abzug nachnutzbarer Daten z.B. für bibliothekarische Discovery-Lösungen



HOCHSCHULE  
HANNOVER  
UNIVERSITY OF  
APPLIED SCIENCES  
AND ARTS

# Anknüpfungspunkte

## Wikipedia:WikiProject Open Access

From Wikipedia, the free encyclopedia

*For Using Open Access Texts as part of Wikipedia, see [Wikipedia:Adding open license text to Wikipedia](#).*

Welcome to

# WikiProject Open Access

with the goals of

- (1) improving Wikimedia content with the help of [Open Access materials](#);
- (2) improving coverage of [Open Access](#) and related topics

in partnership with [WikiProject Open](#).

[JOIN](#)

[WikiProject Open Access news](#) (edit) [Archive](#)

See also [Software development around WikiProject Open Access](#).

- February 12: The [Open Access Media Importer](#) now has a [gallery](#) featuring popular audio and video files among st its uploads.
- February 10: The two [Requests for comment](#) on using icons in citation templates to signal accessibility of the cited sources have been closed. One of them was concerned with the [behaviour of the citation templates](#), the other one with the [design of the icons](#). In both cases, consensus was not clear, though some aspects could be agreed upon.
- February 8: [Open Access report](#) in the January 2017 issue of [This month in GLAM](#).

**WikiProject Open Access** aims to help Wikipedians cooperate, organize, and share ideas on improving [open access](#)-related articles on Wikipedia, and provide OA materials with a new life, through Wikimedia projects. Ask questions on our [talk page](#).

**Shortcut:**  
[W P:OPENACCESS](#)



# Anknüpfungspunkte

{ } wikicite

publications

**WikiCite** is an initiative to create a bibliographic database based on [Wikidata](#). Several tools and strategies exist to make WikiCite happen. The goals of WikiCite include improvement of citations in [Wikimedia projects](#) and an open, collaborative repository of bibliographic data for innovative applications. Further information at:

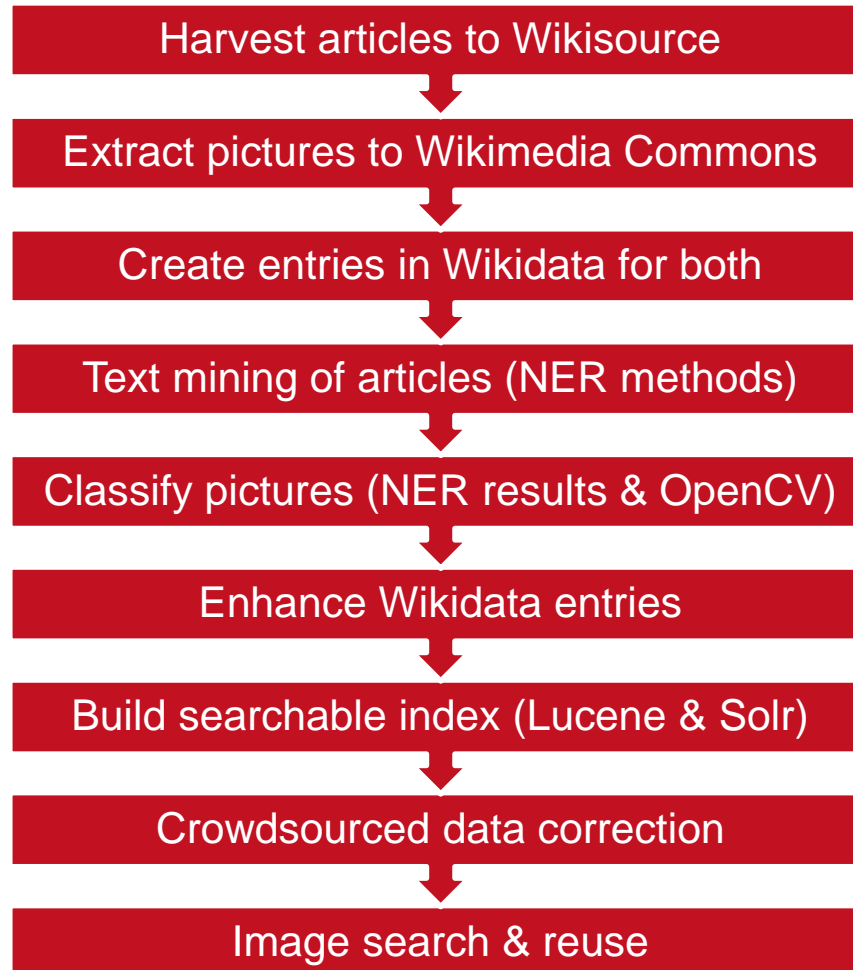
- [Wikimedia Meta-Wiki](#)
- [project Source MetaData at Wikidata](#)
- [WikiCite 2017](#) and [WikiCite 2016](#) conferences
- [wikicite-discuss mailing list](#)
- [@WikiCite](#) twitter account

This is no official homepage of WikiCite but a minimal, general entry point.

 [wikicite](#)

Quelle: <http://wikicite.org/>

## Die ursprünglich geplante Pipeline...



# Tief hängende Früchte unter der Lupe: XML-formatiert, CC-BY-lizenziert, API oder Dump



PLOS  
PUBLIC LIBRARY  
of SCIENCE



Hindawi



# Erste Ergebnisse


**H** HOCHSCHULE BANNOCK UNIVERSITY OF APPLIED SCIENCES AND ARTS Faculty of Media, Information and Design


**TIB** LEHR- und INFORMATIONZENTRUM TECHNIK UND NATURWISSENSCHAFTEN UNIVERSITÄT DUISBURG

## NOA - Scientific Image Search



All years

Displaying results 1 to 10 of 11562

Before 2006

2006 - 2010

Since 2011

All journals

International Journal of Antennas and Propagation (11562)

The Scientific World Journal (44)


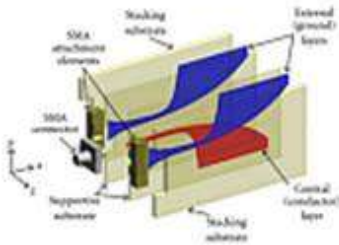

International Journal of Microwave Science and Technology (416)

ISRN Communications and Networking (180)

Journal of Sensors (131)

Journal of Electrical and Computer Engineering (111)

Mathematical Problems in Engineering (107)

	<p><b>Caption:</b> Implemented BAVA-D and BAVA antennas.</p> <p><b>Paper:</b> <a href="#">Antenna Evaluation for Ultra-Wideband Microwave Imaging</a></p> <p><b>Journal:</b> International Journal of Antennas and Propagation</p> <p><b>Year:</b> 2010</p> <p><b>Author:</b> Bourqui, Jeremie et al.</p>
	<p><b>Caption:</b> Exploded view of the BAVA antenna.</p> <p><b>Paper:</b> <a href="#">Antenna Evaluation for Ultra-Wideband Microwave Imaging</a></p> <p><b>Journal:</b> International Journal of Antennas and Propagation</p> <p><b>Year:</b> 2010</p> <p><b>Author:</b> Bourqui, Jeremie et al.</p>
	<p><b>Caption:</b> Comparison of focused tumor response between BAVA (a), BAVA-D (b), and TEM horn (c). The intersection of the thin lines shows the center of the inclusion. Each image is normalized to the specific dataset.(a)(b)(c)</p>

# Erste Ergebnisse

10:34 **Category:Yale Journal of Biology and Medicine**

New

---

10:33 **Category:Frontiers in Plant Science**

New

---

10:33 **File:Page from Frontiers in Plant Science.png**

-93 -Category:Scientific journals; -Category:Biology journals; +Category:Frontiers in Plant Science using HotCat

---

10:31 **File:YJBM-historical.jpg**

+7 removed Category:Media from scholarly journals; added Category:Yale Journal of Biology and Medicine using HotCat

m

---

10:31 **File:March 2014 YJBM Cover.jpg**

-3 removed Category:Medicine-related publications and media; added Category:Yale Journal of Biology and Medicine using HotCat

m

---

29 March 2017

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12:10 **File:Frym-01-00003-i001.png**

{{Information |Description={{de|Schlaf}} |Source=http://kids.frontiersin.org/article/10.3389/frym.2013.00003 |Date=2017 |Author=Robert Stickgold, Dara S. Manoach |Permission={{cc-by-3.0}} |other\_versions= }} Category:Media from scholarly

# Donnerstag: Hands-On Lab über Wikidata

TK 9: Hands-On Labs , Lab II


01.06.2017, 16:00 – 18:00

## Wikidata bearbeiten und auswerten

☆ Favorite All


📄 Download

### Vorsitzende

Sitzungsleiter/in: Jakob Voß, Verbundzentrale des gemeinsamen Bibliotheksverbund (VZG), Göttingen 

Teilnahmevoraussetzung ist eine vorherige Anmeldung und Übung bei Wikidata wie unter <https://www.wikidata.org/wiki/User:JakobVoss/Bibtag2017> beschrieben.

### Präsentation

Wikidata bearbeiten und auswerten  
Jakob Voß, Verbundzentrale des gemeinsamen  
Bibliotheksverbund (VZG), Göttingen 



# Die Verwertungskette von Open Data: Wo wollen wir stehen?



## Das Comeback der Dezentralisierung



**Siehe u.a.**

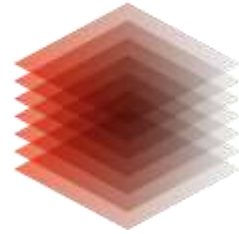
**<http://www.blockchainforscience.com/>**

**<https://tib.eu/blockchain>**



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**TIB**

Vielen Dank!

[lambert.heller@tib.eu](mailto:lambert.heller@tib.eu)

