

# Impact Messung

5. Kongress Bibliothek & Information Deutschland  
12. März 2013 im Congress Center Leipzig

Daniel Beucke



# „Klassische“ Impact-Messung

## Journal Impact Factor (Garfield 1963)

- Zitationsbasiert
- Etabliert
- Geschlossene Systeme
- Indexierte Journale
  - Dokumenttyp
  - Sprache
- Zeitversetzt

# Impact ist Multidimensional

“ Our results indicate that the notion of **scientific impact is a multi-dimensional construct** that can not be adequately measured by any single indicator, although some measures are more suitable than others. The commonly used citation **Impact Factor** is not positioned at the core of this construct, but at its periphery, and should thus be used with caution. ”

Bollen J, Van de Sompel H, Hagberg A, Chute R (2009) *A Principal Component Analysis of 39 Scientific Impact Measures*. PLoS ONE 4(6): e6022. doi:10.1371/journal.pone.0006022

# Impact Metriken

	scholarly	public
recommended	faculty of 1000	popular press
cited	traditional citation	wikipedia
discussed	scholarly blogs	blogs, twitter
saved	mendeley, citeulike	delicious
viewed	pdf	html

Nach: Jason Priem: *Altmetrics and revolutions: Scholarly impact in the age of Webnative scholarship*.  
15.2.2013, AAAS Annual Meeting. <http://goo.gl/OBL5A>

# Open-Access-Statistik

- International standardisierte Nutzungsstatistiken



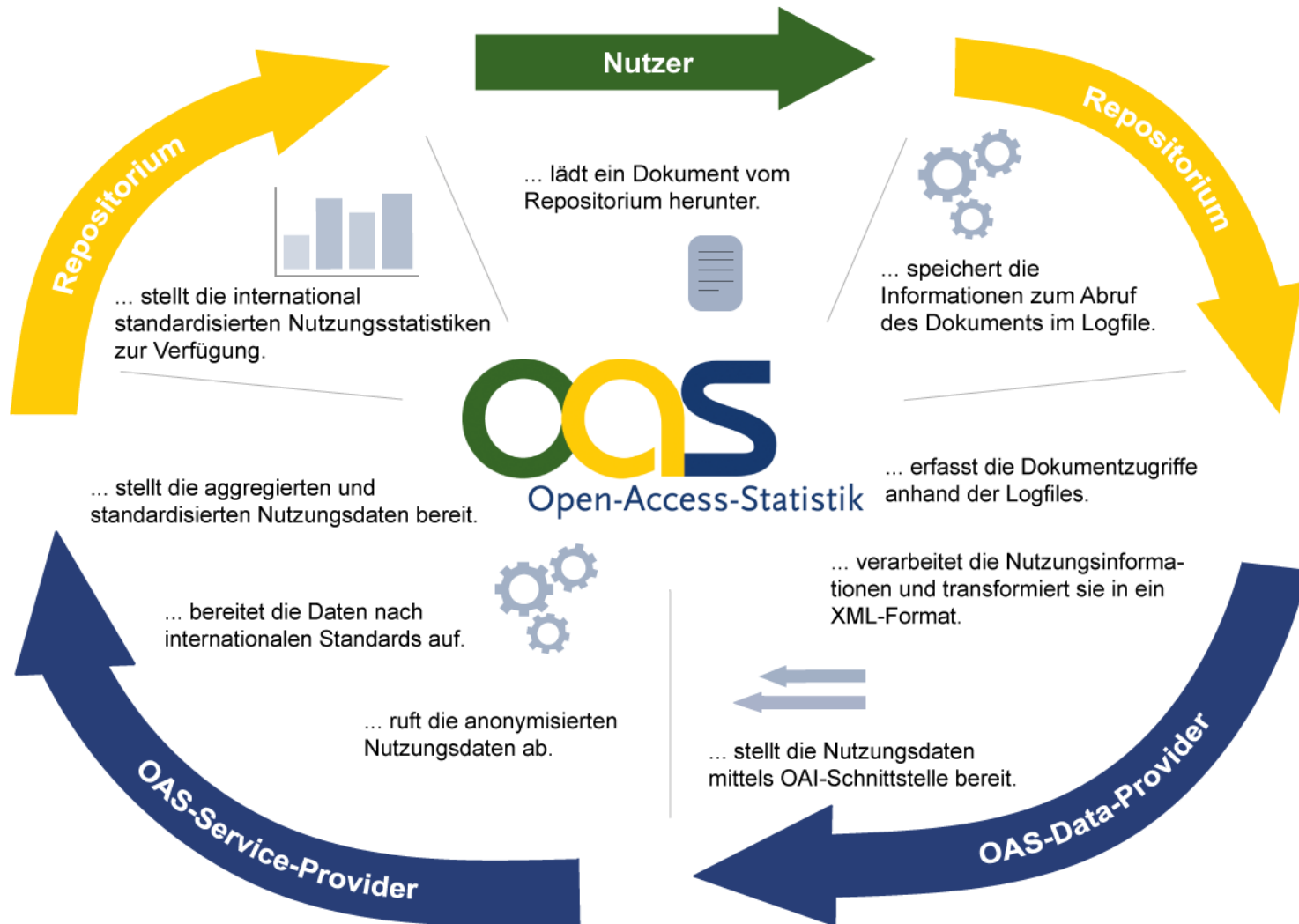
- Nachhaltige Service-Infrastruktur zur Erfassung und Auswertung von Nutzungsstatistiken



- Erhöhung der Akzeptanz von Open Access bei Autoren und Rezipienten



# OA-Statistik Workflow



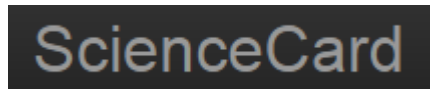
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# Altmetrics

altmetrics




CitedIn



ImpactStory.



# Altmetrics: Ein Beispiel



Georg-August-Universität Göttingen

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**Hennig, Holger; Fleischmann, Ragnar; Fredebohm, Anneke; Hagmayer, York; Nagler, Jan; Witt, Annette; Theis, Fabian J.; Geisel, Theo (2011-10-26): The Nature and Perception of Fluctuations in Human Musical Rhythms - PLoS ONE; Vol. 6, No. 10, e26457**

**Dateien zu dieser Ressource**








Dateien	Größe	Format	Beschreibung	Version
 journal.pone.0026457.pdf	329.8Kb	PDF	Keine Beschreibung	publishedVersion

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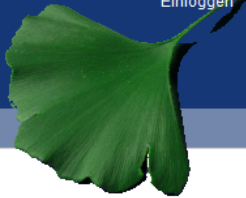
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**Autor:** Hennig, Holger; Fleischmann, Ragnar; Fredebohm, Anneke; Hagmayer, York; Nagler, Jan; Witt, Annette; Theis, Fabian J.; Geisel, Theo

**Zusammenfassung:** Although human musical performances represent one of the most valuable achievements of mankind, the best musicians perform imperfectly. Musical rhythms are not entirely accurate and thus inevitably deviate from the ideal beat pattern. Nevertheless, computer generated perfect beat patterns are frequently devalued by listeners due to a perceived lack of human touch. Professional audio editing software therefore offers a humanizing feature which artificially generates rhythmic fluctuations. However, the built-in humanizing units are essentially random number generators producing only simple uncorrelated fluctuations. Here, for the first time, we establish long-range



# Vielen Dank für Ihre Aufmerksamkeit!

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Lizenz:

