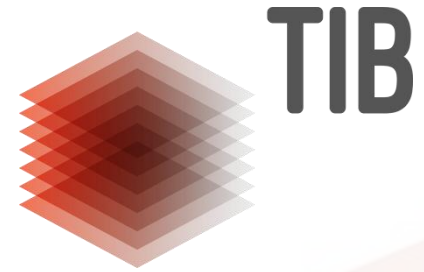



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# Open Science, or the road away from data gambling

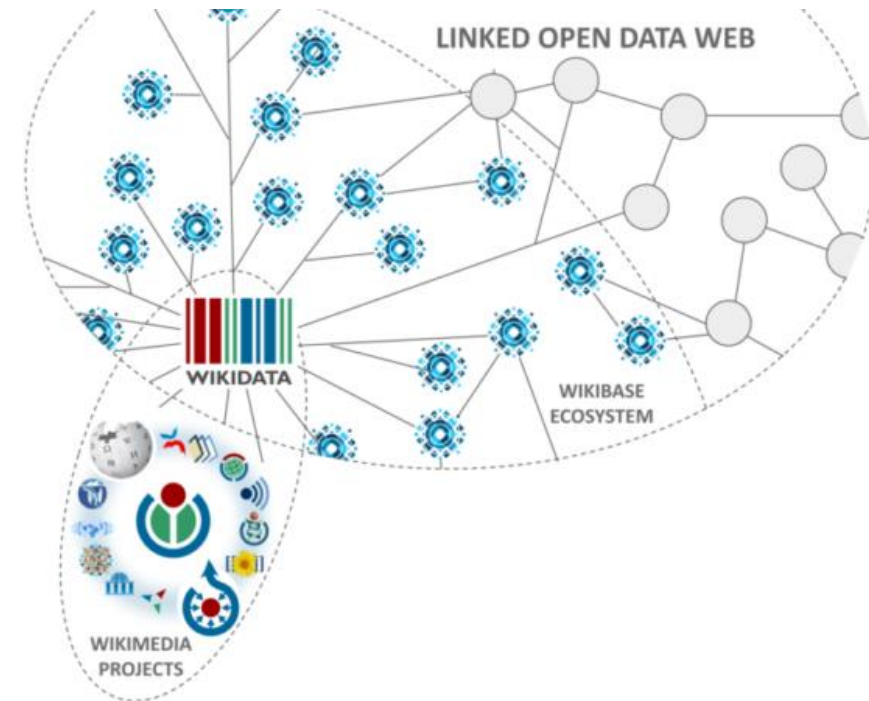
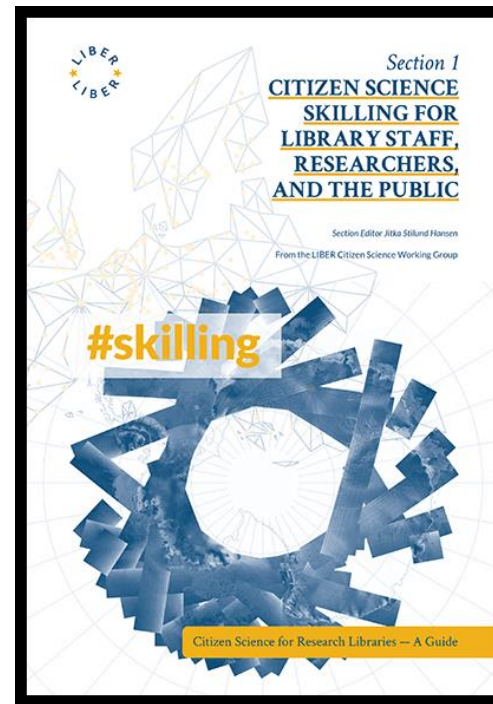
Lambert Heller  @Lambo

AESIS // Open Science and Societal Impact // Session Ethical Research

20. April 2022

# Open Science – from grassroots to policy driven?

Three examples of emerging open research practices, from TIB



Sources: <https://tib.eu/books> and <https://blogs.tib.eu/wp/tib/2021/11/05/tib-at-wikidatacon-part-1/>

**Why open is not everywhere yet?  
We have to talk about data gambling.**



## Open Access is (almost) everywhere by now – openness is not

- **Closed** bibliographic and scientometric databases
- **Non-transparent** indicators
- Even usage data of mayor platforms is being **tracked**



## ...or is it all a matter of individual taste?

- **Leiden Manifesto** states that journal indicators correlate poorly with research quality
- **DORA** asks to stop using these metrics in decisions on funding, hiring etc.
- **Stop tracking science** asks for data-sovereign infrastructure instead of spying on researchers' data use



The Leiden Manifesto  
for research metrics

Use these ten principles to guide research evaluation, urge Diana Hicks,  
Paul Wouters and colleagues.

Let's change  
what we value  
in research.



Sign  
**DORA**

# Leave data gambling behind Enter scholar-led research infrastructure

## OPEN RESEARCH INFORMATION AT THE TIB

HOME PROJECTS RESOURCES AND OWN DEVELOPMENTS COMMITMENT SERVICE

### Open Research Information at TIB

The Lab Open Research Information (LORI) pursues the goal of making information about research activities interoperable, findable, reusable and accessible in open infrastructures.

- We foster a commons of open research information
- We are committed to ethical and responsible handling of research information.
- We are guided by the FAIR principles.
- We promote open source software for handling research information.
- We support knowledge organisations in presenting their scientific output.
- We work with and on open standards for describing research information, such as CERIF or the Core Data Set for Research.
- We connect experts from research and administration.

We consider ourselves as a competence centre for the open source software VIVO. Learn more about our [commitment](#), our [service portfolio](#) and our [developments and materials](#).

Try out TIB-VIVO!

### News

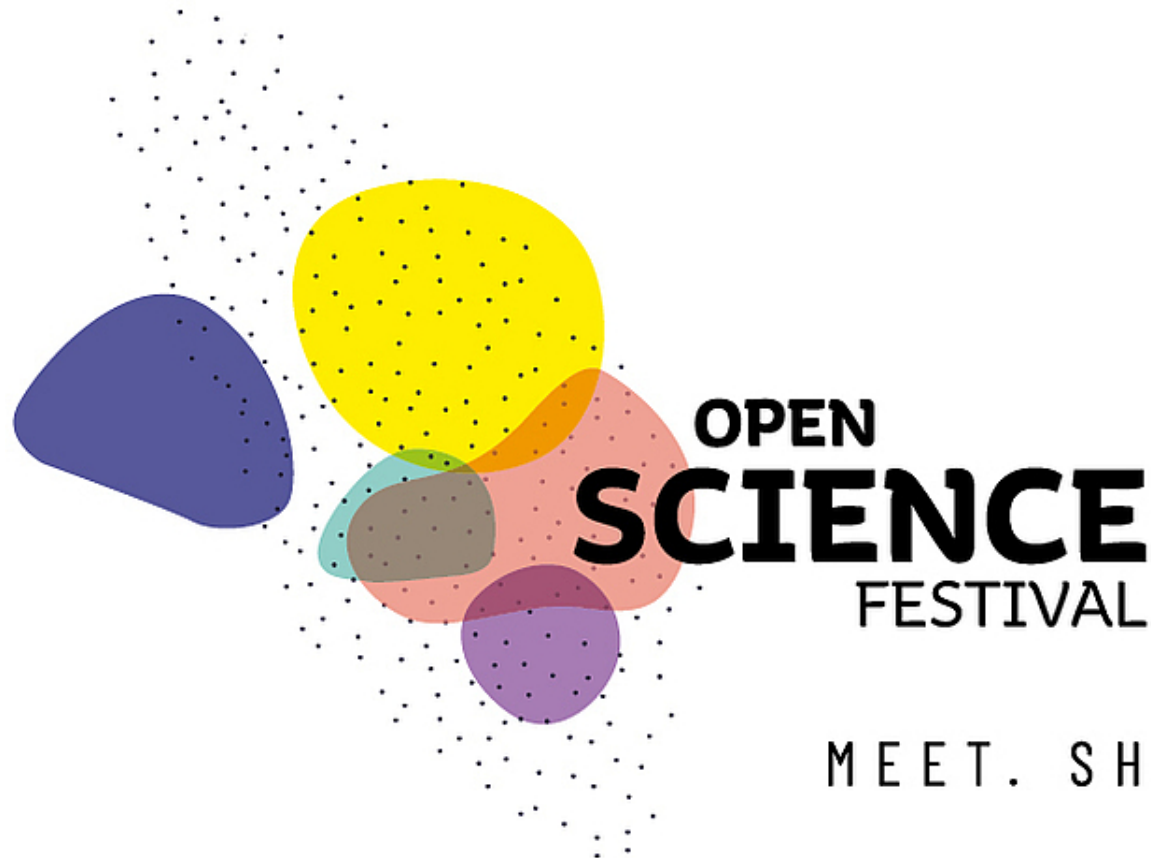
#### Finally persistently identifying academic events and event series

DOIs are commonly used to persistently identify different entities of the Science system like articles. Until now conferences were not one of those

<https://projects.tib.eu/openresearchinformation/en/>

## Shameless self-plug

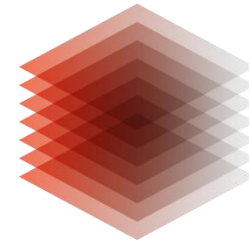
30. — 31.8.2022



MEET. SHARE. INSPIRE. CARE.

<https://opensciencefestival.de/>

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TIB

**Let's think & plan ahead together**

<https://tib.eu/osl>

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