

Preprints – Looking Ahead

UKSG – Webinar

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May 13, 2020

Consultant's Perspective

- Academic librarian
 - Mission – connect readers and content
- Sales
 - Value of products – understand points of pain
 - MBA – framework for drivers in an ecosystem
- Consultant
 - All stakeholders in scholarly content:
librarians, societies, publishers, vendors, technology

THE SCHOLARLY
kitchen

What's Hot and Cooking In Scholarly Publishing

2017

The Stars Are Aligning for Preprints



<https://scholarlykitchen.sspnet.org/2017/04/18/stars-aligning-preprints/>



Crossref Announces DOIs for Preprints

Preprints are go at Crossref!



[Rachael Lammey](#) – 2016 November 02

In [Persistence](#), [Preprints](#)

Our members asked for the flexibility to [register content at different points in the publishing lifecycle](#), so we extended our infrastructure to support members who want to register preprints.

<https://www.crossref.org/education/content-registration/recommendations-by-content-type/posted-content-includes-preprints/>

Evolution of Preprints – a Timeline

1990 2000 2010 2020 > 2030

arXiv (physics)

SSRN (social sciences)

<<Nature Precedings, PeerJ Preprints >>

[.....20 years.....] bioRxiv (biology) medRxiv

Center for Open Science (24+)

ChemRxiv (chemistry)

TechRxiv (technology)

SciELO

Drivers

- Feedback on the authors' work
- Make results available quickly
- Comply with funder requirements



Benefits

- Early & rapid dissemination
- Free access to the content
- Gap: null findings, preliminary results
- Authors can assert priority



Diverse Ecosystem

- Large disciplines
 - arXiv – physics – Cornell University
 - ChemRxiv - 5 societies (US / UK / Germany / China /Japan)
 - bioRxiv / medRxiv - Cold Spring Harbor Press (funding CZI)
 - TechRxiv – IEEE
- Platform – Center for Open Science (specialized)
- Publishers - Elsevier – SSRN, Cambridge Open Engage
- Geographic – ChinaXiv, SciELO Preprints (Latin America)

PrePrints – Science in Real Time

- Responsibilities and business models
- Involvement of commercial players vs community ownership
- Evidence of advantages and disadvantages
- Pathways to awareness raising
- Approaches to training and support

<https://www.knowledge-exchange.info/event/preprints>

Improving Infrastructure & Processes

- Metadata for indexing & discovery
- Version control & linking to published version
- Review events and comments
- Methods to encourage data availability
- Screening submissions at scale
- Shared expectations for platforms
- Definitions of withdrawal and removal
- Engaging stakeholders to support adoption
- Sustainable business models, archiving, preservation

Metadata Suggestions

- Identify publication stage – posted vs published
- Link related records – preprint, updated, version of record
- Label versions – track revision numbers
- Use author identifiers and their affiliation

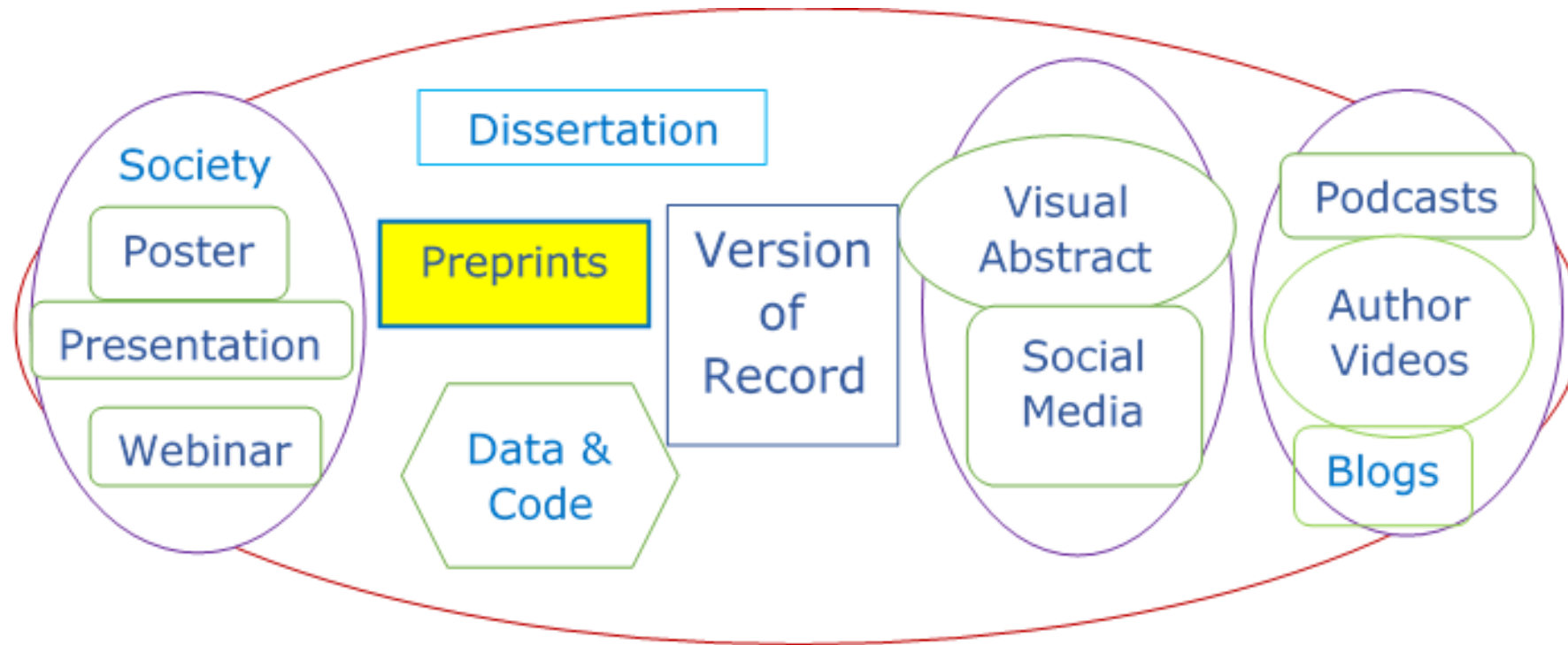
Objective – increase trust in and discoverability of preprints.

<https://www.scholcommlab.ca/2020/04/08/preprint-recommendations/>



Born Digital - Universe of Research Content

2019



The Research | About the Research





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