# dissem.in

Open access made simple

(hopefully)

# Outline

1. An effective open access advocacy?

2. Demo of our open source tool: dissemin.

3. How it works behind the scene

4. What to do next

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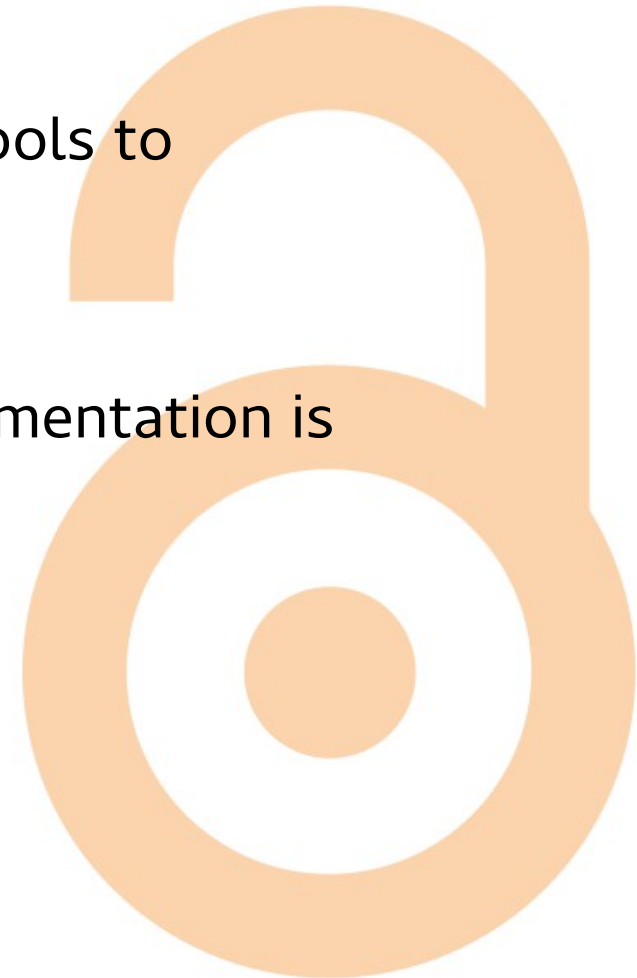4. What to do next

# Scientific publishing is broken

- Publishing articles online is cheap

- Electronic subscriptions to journals are still very expensive

- Publishers make huge profits

  Profit margin around 40% for biggest STM publishers (Elsevier, Springer, Wiley…)

# We want to fix this!

- As students, we have little leeway to choose where to publish;

- We can advocate for open access, but lack tools to demonstrate the problem

- Universities can adopt OA policies, but implementation is challenging.

# Our goal: foster green OA

- Convince reluctant research groups that it does not jeopardize their research

- Pinpoint papers that could be made available given the self-archiving policy of the publisher, but are not available yet

- Accelerate their deposit by reusing metadata

# Analyzing publications with Dissemin

- You give us the list of your researchers

- We give you back the list of their publications, annotated by two criteria:

  - Full text availability

  - Publisher's self-archiving policy

Demo!

# Finding publications and preprints

- We collect metadata from various sources to discover papers, mostly CrossRef, BASE and CORE.

- Millions of documents are covered

# Policies are classified into 4 groups

**Gold Open Access:** when all papers are made freely available by the publisher

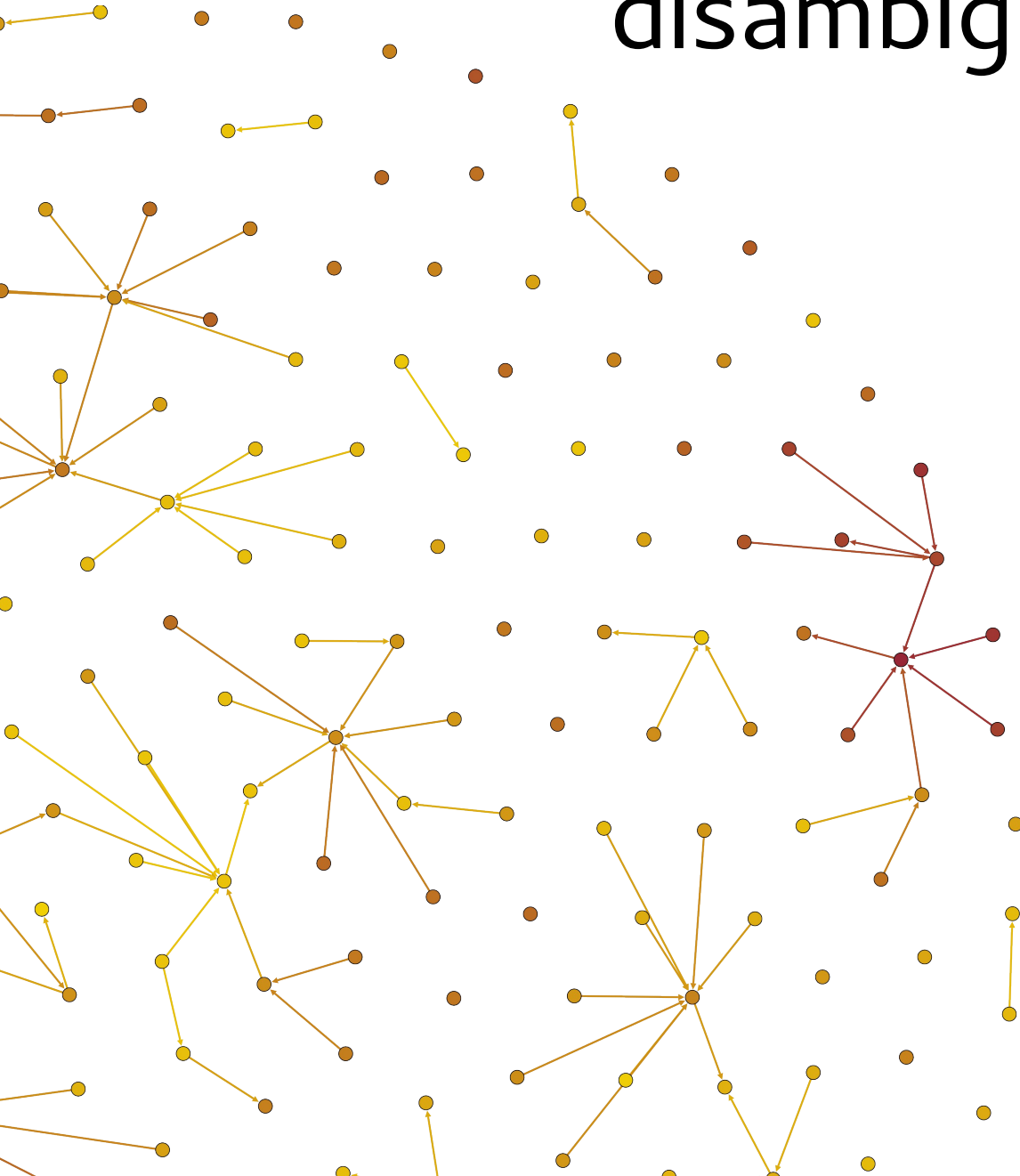**Permissive:** when the publisher allows to upload some version of the paper

**Non-permissive:** when all uploads are forbidden

**?** Unclear: all other cases

# Records are merged and disambiguated

- Machine learning and heuristics to hide homonyms

- Caveat: we need some information from the university (department, research groups)

# What to do next?

- Widen the scope of the database (not university-centric)

- Connect with ORCID

- Enhance metadata accuracy

- Ease intallation and deployment

- Enhance SWORD interface

# Team



pintoch
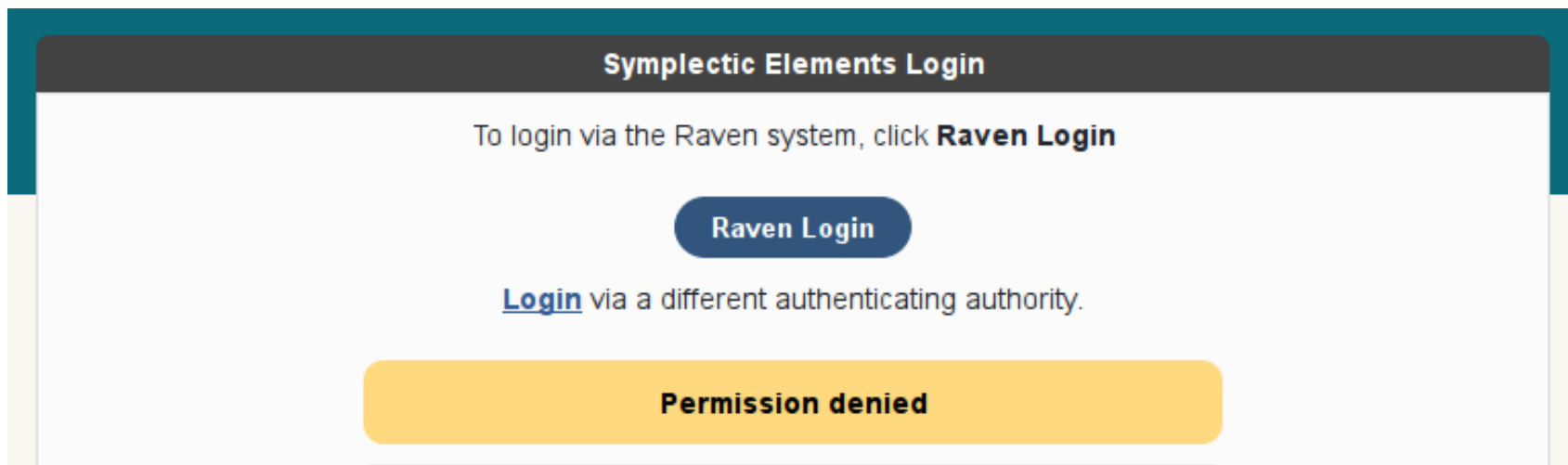
bThom

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We need you!

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# CRIS are closed and expensive

- As a Cambridge student, here is what *Symplectic Elements* looks like for me:



- These commercial tools are partly or fully owned by publishers: can we trust them to make a real change?