Open Access
A new standard in scientific publishing

Open Access Week 2014
Open Access, a new standard in scientific publishing

Definition, concepts

Open Access and your scientific output

Science organizations and Open Access

From Open Access to Open Science
Aim

„Maximize research usage and impact by maximizing user access to it.“

Steven Harnard: Optimizing OA-Self-Archiving Mandates. <http://eprints.soton.ac.uk/13098/01/arch.html>
Options

“Green”: Publication of an article in a repository after the primary publication in subscription based journal.

“Golden”: Primary publication in a journal which is based on a business modell which allows access to everybody.
Changed Framework for scientific Journals

• Changes in the landscape of scientific publishing
  – Internet
  – Electronic journals

• Changes of the economic situation in publishing
  – Publishers: mergers and stock exchange
  – „Journal crisis“
An example

ALBERTopen

→ Deformationen beim wissenschaftlichen Publizieren

**Springer hat neue Besitzer**

Posted on 19/08/2013 by Roland Bertlema

Springer meldet in einer Pressemitteilung: "Verkauf von EQT und GIC an BC Partners abgeschlossen".

**BC Partners** ist, genauso wie die Vorbesitzer, eine sogenannte Private-Equity-Firma (Beteiligungskapital, Risikokapital).

Das Handelsblatt war im Juni noch von einem geplanten Börsengang ausgegangen.
Your role as an author
Author, Scientist

- Uses Public infrastructure, resources
- Results: for free to publisher
- Review: public funded authors
- Author rights go to publisher
- Library buys, more and more expensive
- Any payment, but publication charges
Open Access: an ongoing development

Budapest Open Access Initiative (2002)
Wellcome Trust Position Statement on Open Access (2003)

**Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities (2003)**

OECD Declaration on Access to Research Data from Public Funding (2004)
USA: Bill to National Institutes of Health (NIH) (2007)
European Research Council (ERC) Guidelines for Open Access” (2007)
European Commission: Open access pilot in FP7 (2008)
European Commission: Horizon 2020 (2012)
As a first step, the Commission will make open access to scientific publications a general principle of Horizon 2020, the EU’s Research & Innovation funding programme for 2014-2020. As of 2014, all articles produced with funding from Horizon 2020 will have to be accessible:

articles will either immediately be made accessible online by the publisher (‘Gold’ open access) – up-front publication costs can be eligible for reimbursement by the European Commission; or researchers will make their articles available through an open access repository no later than six months (12 months for articles in the fields of social sciences and humanities) after publication (‘Green’ open access).“
Neelie Kroes Vice-President of the European Commission responsible for the Digital Agenda (2010):

“The beauty of open access is that it is not against anybody.

It is for the free movement of knowledge.”

Definitions

Berlin Declaration says /1:

The author(s) and right holder(s) of such contributions grant(s) to all users a **free, irrevocable, worldwide, right of access** ...

And a license to **copy, use, distribute, transmit and display the work publicly** and to make and distribute derivative works, ... subject to proper attribution of authorship ...
Definitions

Berlin Declaration says /2:

A complete version of the work and all supplemental materials, ..., in an appropriate standard electronic format is deposited (and thus published) in at least one online repository ...

that is supported and maintained by an academic institution, scholarly society, government agency, ... that seeks to enable open access, unrestricted distribution, inter operability, and long-term archiving.
Green, Gold
One publisher found when searched for: Publisher: Elsevier

Publisher: Elsevier, United States
Journals: (~1899 journals) (including journals with special policies) - Involving 832 other organisations
RoMEO: This is a RoMEO green publisher
Copyright: Copyright Policy - Article Posting Policies - Rights & responsibilities - Funding Body Agreements - Green Open Access - Open Access License Policy - Green Open Access - Elsevier Journal Specific Embargo Periods
Updated: 17-Apr-2013
Green: no problem!

About 80 percent of all journals of STM publishers allow – with some restrictions – a secondary publication in an institutional repository.
Bundestag supports secondary publication with a change in „Urheberrechtsgesetz“

Green: Common Restrictions

- Link to original article
- An embargo

- In many cases: No original PDF allowed!
- In other cases: Use of original PDF after an embargo.
Instead of original PDF: Final Draft

Form:
• After peer review
• Before publication

Content:
• Same
Simple!
Maximize research usage and impact by maximizing user access to it.
Gold: 9906 Journals
Gold

Separate access to information from financial possibilities of the recipient.
Gold: who pays?

A number of business models:
- Article Processing fee: a fee for publishing an article (Institution)
- Scholary Societies
- Funding Organisations
- ...

Gold: a success model: nearly 10,000 journals now

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**Journal Metrics**

IF 5.510
Numerous new publishers

Can you trust them?
Can you trust them?

Code of Conduct
Traditional Publishers are moving to SpringerOpen.
Hybrid: Subscription and openness
It’s not an open access journal ...
Hybrid: Subscription and openness

Institution pays twice: Fee and subscription.

Much more higher fees than in golden journals.

Green possible in most cases.
... and books?

• Another business than journals:
  – individual contracts,
  – different revenue models.

• But:

  doab
  directory of open access books

• At least: discuss rights and re-use with your publisher.
Keep your rights

- Use Creative Commons licences whenever possible.

- If you have signed no written contract, you will have all rights back after one year.

- Changed „Urheberrechtsgesetz“: final draft after 12 months.
“Expanding Access to Scientific Research Results”

“Open Scientific Research Data”

G8 Science Ministers Statement

On 12 June the Royal Society hosted the first ever G8 joint Science Ministers and national science academies meeting in London

Introduction

We, the G8 Science Ministers met in London on Wednesday 12 June with Presidents of our respective national science academies, as part of the UK’s G8 Presidency. At this unique meeting we discussed how our nations could lead efforts to improve the transparency, coherence and coordination of the global scientific research enterprise in order to address global challenges and maximise the social and economic benefits of research.
Research Data

**Intelligent openness** about the data that underpins scientific ideas must be the default position (Royal Society).
Science as an open enterprise

June 2012

The Royal Society

From Open Access to Open Science
Ask us!

Bibliothek
Wissenschaftspark Albert Einstein

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Open Access

"a free, irrevocable, worldwide, right of access ..." (Berlin Declaration)

The principle of "Open Access", considering the technical potentials in scientific communication and the distribution of scientific information, becomes more and more important.