Welcome to the SCOAP³ Forum!

SCOAP³ Forum
18 November 2015
1. Where are we today and where are we going?

2. Operational Status

3. The Impact of SCOAP³

4. Questions & Answers
Where are we today and where are we going?

SCOAP³ Forum
18 November 2015
Where are we today and where are we going?

Agenda

1. Refresher: SCOAP³ Model
2. Partnership Development
3. Beyond 2016
What is SCOAP³?

SCOAP³ is a global partnership which converts high-quality subscription journals in the field of High-Energy Physics to Open Access through re-direction of existing subscription funds.
The SCOAP$^3$ Business Model

- No change in behavior
- No burden
- Retains the copyright

Researchers

- Reads and Writes
- Writes

Publishers

- Reduction on Subscriptions

Libraries / Consortia

- Support OA policies with existing funds

Funding Agencies

- APC’s
- Membership

Open Access

- Support

SCOAP$^3$
11 commercial and society publishers are part of SCOAP³

<table>
<thead>
<tr>
<th>Publisher</th>
<th>Journal</th>
</tr>
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<tbody>
<tr>
<td>Elsevier</td>
<td>Nuclear Physics B</td>
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<td></td>
<td>Physics Letters B</td>
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<tr>
<td>Hindawi</td>
<td>Advances in High Energy Physics</td>
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<td>Chinese Physics C</td>
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<td></td>
<td>Journal of Cosmology &amp; Astroparticle Physics</td>
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<td>New Journal of Physics</td>
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<td>Acta Physica Polonica B</td>
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<td>Progress of Theoretical &amp; Experimental Physics</td>
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<td></td>
<td>European Physical Journal C</td>
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<td></td>
<td>Journal of High Energy Physics</td>
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</tbody>
</table>
Where are we today and where are we going?

1. Refresher: SCOAP$^3$ Model
2. Partnership Development
3. Beyond 2016
At start of operation in Jan 2014: 15 countries + CERN

Partnership:
15 countries + 1 IGOs
Austria
Canada
CERN\(^a\)
China
Denmark
Finland
France
Germany
Italy
Japan
Norway
Portugal
Sweden
Switzerland
United Kingdom
United States of America

\(^a\) European Organization for Nuclear Research, Geneva
28 countries and IGOs joined during 2014

Partnership:
41 countries + 3 IGOs
Austria
Belgium
Canada
CERN
China
Czech Republic
Denmark
Finland
France
Germany
Greece
Hong Kong
Hungary
IAEA
Israel
Italy
Japan
JINR
Korea
Mexico
Netherlands
Norway
Poland
Portugal
Slovak Republic
South Africa
Spain
Sweden
Switzerland
Turkey
United Kingdom
United States of America

a) European Organization for Nuclear Research, Geneva
b) International Atomic Energy Agency, Vienna
c) Joint Institute for Nuclear Research, Dubna representing 12 of its member states
46 countries and IGOs today - and still growing...

~3,000 libraries, funding agencies and research institutions

Partnership today:

43 countries + 3 IGOs
Austria
Belgium
Canada
CERN\(^a\)
China
Czech Republic
Denmark
Finland
France
Germany
Greece
Hong Kong
Hungary
IAEA\(^b\)
NEW: Iceland
Israel
Italy
Japan
JINR\(^c\)

Korea
Mexico
Netherlands
Norway
Poland
Portugal
Slovak Republic
South Africa
Spain
Sweden
Switzerland

NEW: Taiwan
Turkey
United Kingdom
United States of America
NEW: 12 additional U.S. Universities

\(^a\) European Organization for Nuclear Research, Geneva
\(^b\) International Atomic Energy Agency, Vienna
\(^c\) Joint Institute for Nuclear Research, Dubna representing 12 of its member states

Australia expected to join in 2015
Central operation and framework for cooperation

11 Publishers

46 Countries

3'000 Libraries

on behalf of SCOAP³
Governance Structure

Global participation for transparency and good governance

- **Governing Council**: (45 members, seats allocated by country contribution)
- **Executive Committee**: (4-6 members, geographical balance)
- **Working Groups & Committees**: (examples: Outreach WG, Repository WG, Audit Committee, Procedures Committee)
- **Operations Infrastructure**
- **Global Forum of Libraries, Consortia, Research Organizations**

SCOAP³
Small operations team covers a wide range of tasks:

- **Contract mgmt:** / payments to publishers
- **Invoicing:** / payments from partners
- **Representation** (e.g. conferences)
- **Organize GC & ExCo meetings and implement decision**
- **1 FTE + 1 Student** supported by CERN infrastructure and services
- **SCOAP³ Repository**
- **Partnership Support**

**1 FTE + 1 Student**
Where are we today and where are we going?

Agenda

1. Refresher: SCOAP³ Model
2. Partnership Development
3. Beyond 2016
SWOT analysis to assess the status

- Strong response and engagement from SCOAP³ community
- More than 300 Strengths, Weaknesses, Opportunities & Threats identified

### Strengths
- International
- Community
- Publishers
- Journals
- Researchers
- HEP
- OA
- APCs
- CERN
- Easy
- Support

### Weaknesses
- Complicated
- Journals
- HEP
- Libraries
- Instruction
- Reconciliation
- Costs
- Process
- Subscription

### Opportunities
- Publishers
- Business-model
- Sustainability
- Impact
- Institutions
- APS
- Partners
- Disciplines
- HEP
- Enlargement
- Countries

### Threats
- Free-riders
- Participation
- Countries
- Funding
- APCs
- Contribution
- Budget
<table>
<thead>
<tr>
<th>Timeframe</th>
<th>Task Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1 2015</td>
<td>SWOT analysis by the SCOAP³ Partnership</td>
</tr>
<tr>
<td>June 2015</td>
<td>SCOAP³ governance agrees with extension to 2017-2019</td>
</tr>
<tr>
<td>Ongoing</td>
<td>Preparation of the continuation of SCOAP³ initially with currently participating parties</td>
</tr>
</tbody>
</table>
Where are we today and where are we going?

Questions & Answers

Questions? Comments?

You can find further information and a record of this webinar on our homepage: http://scoap3.org
Operational Status

SCOAP³ Webinar & Forum
18 November 2015
Operational Status

Agenda

1. Facts & Figures
2. Article Compliance
>50% of published HEP articles are funded by SCOAP³

<table>
<thead>
<tr>
<th>Publisher</th>
<th>Journal</th>
<th>articles</th>
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<tbody>
<tr>
<td>ELSEVIER</td>
<td>Nuclear Physics B</td>
<td>605</td>
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<tr>
<td></td>
<td>Physics Letters B</td>
<td>1’659</td>
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<td>Advances in High Energy Physics</td>
<td>312</td>
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<td></td>
<td>Chinese Physics C</td>
<td>44</td>
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<td>IOP Publishing</td>
<td>Journal of Cosmology &amp; Astroparticle Physics</td>
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<td>New Journal of Physics</td>
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<td>Jagiellonian University in Krakow</td>
<td>Acta Physica Polonica B</td>
<td>33</td>
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<tr>
<td>OXFORD UNIVERSITY PRESS</td>
<td>Progress of Theoretical &amp; Experimental Physics</td>
<td>148</td>
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<tr>
<td>Springer</td>
<td>European Physical Journal C</td>
<td>1’045</td>
</tr>
<tr>
<td></td>
<td>Journal of High Energy Physics</td>
<td>3’839</td>
</tr>
</tbody>
</table>

Articles as of November 13th 2015: 8’116
18,000 authors from 90 countries
The SCOAP$^3$ Article Processing Charges

<table>
<thead>
<tr>
<th>Publisher</th>
<th>Journal</th>
<th>APC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ELSEVIER</strong></td>
<td>Nuclear Physics B</td>
<td>$ 2'000</td>
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<td></td>
<td>Physics Letters B</td>
<td>$ 1'800</td>
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<tr>
<td><strong>Hindawi</strong></td>
<td>Advances in High Energy Physics</td>
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<td>Chinese Physics C</td>
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<td>Journal of Cosmology &amp; Astroparticle Physics</td>
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<td>New Journal of Physics</td>
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<td>Jagiellonian University in Krakow</td>
<td>Acta Physica Polonica B</td>
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<td>Springer</td>
<td>European Physical Journal C</td>
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</tr>
<tr>
<td></td>
<td>Journal of High Energy Physics</td>
<td>€ 1’200</td>
</tr>
</tbody>
</table>

Average effective APC 2014-2015: € 1’105

(SCOAP$^3$ pays a maximum capped number of articles, rest free)
Our APCs compared to the Gold OA market

Sources: Journal Citation Report, publishers' websites, scoap3.org, webarchive.org

C. Romeu et al. (2014) The SCOAP3 initiative and the Open Access - Article-Processing-Charge market: global partnership and competition improve value in the dissemination of science DOI: 10.2314/CERN/C26P.W9DT
Our APCs compared to the Gold and Hybrid OA market

C. Romeu et al. (2014) The SCOAP3 initiative and the Open Access - Article-Processing-Charge market: global partnership and competition improve value in the dissemination of science DOI: 10.2314/CERN/C26P.W9DT

Sources: Journal Citation Report, publishers’ websites, scoap3.org, webarchive.org
Comparison of effective APCs

Sources: Journal Citation Report, publishers’ websites, scoap3.org, webarchive.org

Impact Factor (2012)

Gold Open Access journals
- AIP
- Frontiers
- PLoS
- Taylor and Francis
- Hindawi

Hybrid journals
- AIP
- APS
- BMJ
- Elsevier
- Oxford University Press
- The Royal Society
- IOP
- Oxford University Press
- SAGE
- Springer
- Elsevier (75% contour)

Average APC 2013-14 paid by the Wellcome Trust: € 2,282\(^c\)
Average APC 2015 paid by UK higher education inst: € 2,188\(^b\)
Average APC 2014 paid by German universities: € 1,234\(^a\)
SCOAP\(^3\) average effective APC 2014-2015: € 1,105

Chart: C. Romeu et al. (2014) The SCOAP\(^3\) initiative and the Open Access - Article-Processing-Charge market: global partnership and competition improve value in the dissemination of science DOI: 10.2314/CERN/C26P.W9DT

a) https://github.com/OpenAPC/openapc-de;
b) http://figshare.com/articles/2015_Jan_June_UK_APC_data_combined/1509860;
c) http://blog.wellcome.ac.uk/2015/03/03/the-reckoning-an-analysis-of-wellcome-trust-open-access-spend-2013-14/
Comparison of effective APCs

Sources: Journal Citation Report, publishers’ websites, scoap3.org, webarchive.org

Average APC 2013-14 paid by the Wellcome Trust: $2,455
Average APC 2015 paid by UK higher education inst: $2,354
Average APC 2014 paid by German universities: $1,327
SCOAP³ average effective APC 2014-2015: $1,189

Impact Factor (2012)

SCOAP³ initiative and the Open Access - Article-Processing-Charge market: global partnership and competition improve value in the dissemination of science DOI: 10.2314/CERN/C26P.W9DT
Operational Status

Agenda

1. Facts & Figures
2. Article Compliance
Article compliance is not a given

The Reckoning: An Analysis of Wellcome Trust Open Access Spend 2013-14

3 MAR, 2015

by Wellcome Trust
tags: Data, Journals, Open Access, Open data, policy, Publishing, Robert Kiley

CC-BY and Europe PMC deposit: compliance

<table>
<thead>
<tr>
<th>Basic compliance</th>
<th>Number</th>
<th>%</th>
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<tbody>
<tr>
<td>Articles for which an APC has been paid</td>
<td>2556</td>
<td>100%</td>
</tr>
<tr>
<td>Number of these articles available via Europe PMC as full text (as of 1st February 2015)</td>
<td>2221</td>
<td>87%</td>
</tr>
<tr>
<td>Number of these articles NOT available as full text in Europe PMC</td>
<td>335</td>
<td>13%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Licence compliance</th>
<th>Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of articles with a CC-BY (or CC-0) licence:</td>
<td>1679</td>
<td>66%</td>
</tr>
<tr>
<td>Number of articles with other licence (or no licence)</td>
<td>877</td>
<td>34%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Full compliance</th>
<th>Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of papers with full text in Europe PMC, and CC-BY licence</td>
<td>1565</td>
<td>61%</td>
</tr>
</tbody>
</table>

Analysis of articles not avail. in Europe PMC

<table>
<thead>
<tr>
<th>Analysis</th>
<th>Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Number of articles not in Europe PMC</td>
<td>335</td>
<td>100%</td>
</tr>
<tr>
<td>Duplicate articles identified in the dataset supplied by Institutions</td>
<td>3</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Total number of articles which could be found (via Google and a DOI/title search) but are not in Europe PMC</td>
<td>325</td>
<td>97%</td>
</tr>
<tr>
<td>Of those 325 papers we could find: OA on the publisher site</td>
<td>308</td>
<td>95%</td>
</tr>
<tr>
<td>Not OA on the publisher site</td>
<td>17</td>
<td>5%</td>
</tr>
<tr>
<td>Of those 308 papers which are OA on the publisher site: Early View/Ahead of Print</td>
<td>71</td>
<td>23%</td>
</tr>
<tr>
<td>Final published version</td>
<td>237</td>
<td>77%</td>
</tr>
</tbody>
</table>

13% of articles not in repository
Only 66% with CC-BY
Only 61% fully compliant
5% not even OA on publisher site
SCOAP³ Article Compliance Checks

License & Copyright

- CC-BY licence
- Copyright with the authors
- “Funded by SCOAP3” label

Delivery Formats for Article

- PDF
- PDF/A
- XML

Delivery Formats for Metadata

- All CrossRef mandatory fields
- Article DOI and date
- Authors & affiliation(s)
- ORCID IDs (if available)

Timely Delivery (24h)

- Delivery within 24h after DOI

ARTICLE RELEVANT (arXiv)

- HEP article (deposited in arXiv HEP-... category)

AUTOMATED WEEKLY VALIDATION

OA @ PUBs SITES

- Article available on publisher websites

All applications available open source on GitHub
https://github.com/SCOAP3
99.98%
Questions? Comments?

You can find further information and a record of this webinar on our homepage: http://scoap3.org
The Impact of SCOAP³

SCOAP³ Forum
18 November 2015
The Impact of SCOAP³

Agenda

1. What distinguishes SCOAP³ from other OA models?
2. The impact for libraries
3. The impact for funding agencies
4. The impact for scientists
What distinguishes SCOAP³ from other OA models?

Collaboration between libraries, researchers, funding agencies and publishers

Central and efficient operation

Reuse of already available subscription money

OA for established, high-quality journals

No burden for scientists
Partnership Dec 2013
Partners joined during 2014
Partners joining in 2015

a) European Organization for Nuclear Research, Geneva
b) International Atomic Energy Agency, Vienna
c) Joint Institute for Nuclear Research, Dubna representing 12 of its member states

46 countries and IGOs currently participating in SCOAP³...

~3,000 libraries, funding agencies and research institutions
...which covers the majority of research intensive countries

Territory size shows the proportion of all scientific papers published in 2001 written by authors living there.

http://www.worldmapper.org/display.php?selected=205
18,000 authors from 90 countries publish OA at no cost
The Impact of SCOAP$^3$

Agenda

1. What distinguishes SCOAP$^3$ from other OA models?
2. The impact for libraries
3. The impact for funding agencies
4. The impact for scientists
Benefits for the library community

- Participative, global partnership with well established governance
- Libraries can support OA policies at no additional costs:
  - Institutional (e.g. U.S. Universities…)
  - National (e.g. Canada, UK …)
  - Global (e.g. European Commission…)
- Low ongoing administrative effort for participating libraries (one invoice)
Building services on open content...

SCOAP³ Repository
(metadata, PDFs, XMLs, ORCiDs)

SCOAP³ Search API
- Piloted by INFN in Q4 2014
- Available for SCOAP³ partners (pilot)
  Register at: http://api.scoap3.org
- Powerful customized searches
- Currently 46 registered users and 15 active implementations

OAI-PMH
- Piloted by NSTL in Q3 2014
- Available for everybody

repo.scoap3.org
SCOAP\(^3\) implementation at CRIStin

Presented by:

Tore Vatnan (NO)
CRIStin – the national CRIS for Norway

Responsible for the content: Tore Vatnan (NO)

http://www.cristin.no
Motivation: Contribute to more visible / accessible OA articles with Norwegian affiliation

Implementation in 2 stages:

1) Import SCOAP³ data into NORA
   - December 2015

2) Import/merge SCOAP³ data into CRISitin
   - During 2016
   - Maybe in several steps
Norwegian Open Research Archives
- Part of the CRIStin system
- ~130 000 metadata records harvested from more than 50 Norwegian institutional archives
- NORA v2.0 launched spring 2015
  - New technological platform
  - Faceted search/navigation/browsing
  - Active development
- Will be harvested by OpenAIRE and others

http://nora.openaccess.no
SCOAP³ → CRIStin (phase 2)
- Harvest metadata and full text documents from SCOAP\(^3\) using the API
- Merge metadata with self registered or imported (SCOPUS) metadata
- Publish metadata in CRIStin
- Deposit metadata and documents in internal repository accessible for the CRIStin user institution archives
Welcome to SCOAP³ TopicHub!

SCOAP³ (Sponsoring Consortium for Open Access Publishing in Particle Physics) is a CERN-managed service to deliver High-Energy Physics articles as open access. Visit them here.

The hub analyzes each article in the SCOAP³ repository to extract topics. A topic is an identifier or term belonging to a standard vocabulary or name-space, known as its scheme. Relative to this scheme, the topic identifies, describes, characterizes or classifies the article. Topics help organize articles into groups that are of interest to subscribers: all articles in a particular journal, everything written by a certain author, etc. Find the topics (or articles) you want by searching, or explore topics within a scheme by clicking on one of the scheme browse links at the left.
SCOAP³ TopicHub – Mission

- **Motivation:** MIT Open Access Policy
- **Adopted 18 Mar 2009:** collect faculty-authored articles in an open access institutional repository
- **Big impact:** ~4 million downloads of 18k articles (180k per month) capturing over 40% of faculty output
- **Significant challenge:** discovery & acquisition costs per article are high
- **Solution:** automated delivery (Publisher->IR)
Polls SCOAP³ repo nightly for any new articles (via OAI-PMH)
For each, extracts (from MARCXML) metadata relevant to an ‘affiliation determination’: ORCIDs, email domains of corresponding authors, institution names
Publishes these values as endpoints (‘topics’) to which users of the system can subscribe
Hub fulfills these subscriptions with automatic, perpetual delivery of articles (via SWORD packages)
‘Smart’ pattern-matching for messy metadata (e.g institutional names)
SCOAP³ TopicHub – Challenges/Future

- Low frequency of high-quality, unambiguous metadata (e.g. ORCID)
- Expand SCOAP³ TopicHub service beyond MIT – metadata is already exposed – issues like authentication (OAuth2/OIDC), packaging for other platforms remain

- Take it for a ride: http://scoap3.topichub.org
- We’d love to hear your impressions and suggestions!
Use of the API at the University of Geneva

Presented by: Jean-Blaise Claivaz (CH)
Use of the API at the University of Geneva

Preliminary task

- List of all forms of affiliation mentioned by University of Geneva’s authors

Regular tasks

- Download of records from SCOAP³ repository and work on the metadata
- Upload of records into the institutional repository

Responsible for the content: Jean-Blaise Claivaz (CH)
Preliminary task

1) Extraction of all Swiss affiliations from the SCOAP³ Repository
   – affiliation: Switzerland

2) Removing of all records not linked to the University of Geneva

3) Finding common patterns and building of the search query
   – ‘university of geneva’  
     case insensitive
   – ‘universite de geneve’  
     accent insensitive
   – ansermet
Regular tasks

- Monthly download of records from SCOAP³
- Metadata improvements
  - Completion of Geneva authors’ first names (where needed) and adjunction of internal identifiers
  - Cleaning up of affiliation with replacement by the official academic structure names
- Check for already deposited publications
- Upload of the records (metadata and PDF)
Analysis of French HEP authorship via the SCOAP$^3$ API

Presented by:
Stephane Plaszczynski (FR)
Analysis of French HEP authorship

Data selection via API

2014: 503 articles with at least one FR author

Why is the French share in HEP authorship only 3.6% which looks low compared to the scientific contributions?

- >40% of FR co-authored articles within larger collaboration (mean=600 authors)
- Very different pattern compared to the global HEP landscape (Krause, Lindqvist, Mele [2007])

- Fraction of FR authors: mean=0.31
- 11.7% of articles x 0.31 = 3.6% share of HEP
Analysis of French HEP authorship

Answer: The HEP landscape may differ locally and France seems to be proportionally more involved in global collaborations (or have less theorists).

Other conclusions

- API allows to better understand publications and authorship
- High quality of SCOAP³ metadata
- SCOAP³ share (based on HEP authorship) allows to gain a factor 3 on price
- SCOAP³ is a model that supports broader collaboration
- Technical remark: need some tool to better parse the xml
The Impact of SCOAP³

Agenda

1. What distinguishes SCOAP³ from other OA models?
2. The impact for libraries
3. The impact for funding agencies
4. The impact for scientists
Fresh money invested into a SCOAP3 article is much lower

- Much better value for money than hybrid OA
- Low efforts for administration
- Re-use of funds formerly spent for subscription

Average APC 2013-14 paid by the Wellcome Trust: €2,282
Average APC 2015 paid by UK higher education inst: €2,188
Average APC 2014 paid by German universities: €1,234
SCOAP3 average effective APC 2014-2015: €1,105
Introduction

- STFC is fully committed to the principle of open access!
- Research Councils UK (RCUK) 2012 OA policy requires all RCUK funded research to be made OA; preference for gold to ensure immediate OA
- RCUK provides block grants for gold OA; up to £30M p.a. by 2017/18

It’s easier for funders:
- no separate grants to universities;
- no monitoring of volume / expenditure;
- no validation of article compliance.

It’s easier for researchers and universities:
- no need to apply for/administer internal funding.

It is more effective:
- 100% compliance with RCUK policy through the terms of the contract;
- repository provides complete information on volume.

It requires less transition cost (offset by reduced subscription charges).
- In contrast, in the UK, STFC contributes both to APC costs and, through indirect costs on grants, to library subscription costs.

It is inherently cheaper (APC costs below the global average).

BUT: 85% of papers arising from STFC funding fall outside the remit of SCOAP³.
The Impact of SCOAP\textsuperscript{3}

Agenda

1. What distinguishes SCOAP\textsuperscript{3} from other OA models?
2. The impact for libraries
3. The impact for funding agencies
4. The impact for scientists
Benefits for scientists

- 18,000+ scientists published their peer-reviewed articles in OA in SCOAP³ journals
- Expand access to peer-reviewed research articles beyond pay-walls
- No change in scientists behavior
- No cost and no barriers to publish
- No burden to comply with institutional or funders policies

Presented by:
Stefano Bianco (IT)
Gargantext - Collaborative Web Platform for Text-Mining

Presented by:
Alexandre Delanoë and David Chavalarias (FR)

http://gargantext.org

Interactive forum: IRC: #gargantext channel on OFTC
Code access: Licence AGPL, GIT access
Gargantext for SCOAP³

- **Gargantext** is a software for the production, exploration and annotation of project maps.

- It includes text-mining and natural language processing technologies, reconstruction methods of thematic landscape and visualization tools.

- **Graph Explorer** is a stand alone interface for the exploration of project maps included in Gargantext.

- This explorer can also be embedded online to present Gargantext outputs.
Mapping Publications from the SCOAP³ API

1. Indexation
2. Proximity
3. Fields detection
4. Inter-temporal matching
Use Case: French Scientific Community

From terms to researchers (or the reverse)

Figure: Step 1: choose the themes in the map of publications’ terms
Use Case: French Scientific Community
From terms to researchers (or the reverse)

Figure: Step 2: select specific subjects
Use Case: French Scientific Community
From terms to researchers (or the reverse)

Figure: Step 3: show scientists working on these selected terms
Possible application for SCOAP³ partners

- Global view of the documents published by a community (e.g. country)
  - Document by document in a historic view
  - Filter by journals
  - Filter by common terms

- Document view to read and annotate.
  - Count documents published according to filter criteria
  - Manage your lists of critical subjects

- Advanced charts to explore the corpus
  - Compare teams or universities
  - Comparison with others fields

- Explorer to interact with the graphs
  - See thematic fields of researchers: Zoom in / Zoom out
  - A new way/experience to explore the publications
The Impact of SCOAP$^3$

Questions & Answers

Thank you for attending!

You can find further information and a record of this webinar on our homepage: http://scoap3.org