

# iniziative cooperative per l'open access:

## scoap<sup>3</sup> Sponsoring Consortium for Open Access Publishing in Particle Physics

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s.mele (cern)

*presentato al convegno "Oltre le tre culture: la proposta della Science & Technology Digital Library", CNR Roma, 15 ottobre 2015*



1. Sociologia dei fisici
2. Open Access Publishing
3. Open Access Data
4. OpenAccessRepository.it
5. OAR e S&TDL



# ...dagli albori del Tempo

- La comunità dei fisici è abituata a distribuire da più di 60 anni i preprint cartacei per tutto il mondo via servizio postale...

Laboratori Nazionali di Frascati

LNF-60/46 (25. 10. 60)

SLAC  
TN-62-80  
H. DeStaebler  
December 1962

ELECTRON-PHOTON FLUX IN THE TUNNEL WHEN THE MACHINE IS ON:  
APPLICATIONS TO CHEMICALLY ACTIVE AIR AND TO ACTIVE COOLING WATER

C. Bernardini, G. Corazza, G. Ghigo, B. Touschek: THE FRASCATI STORAGE RING.



# High Energy Physics (HEP) & Open Access: sinergia

1984 nasce arXiv  
(@SISSA Trieste, poi  
→USA)

~1990 nasce WWW al CERN

Le prime riviste elettroniche peer-reviewed:

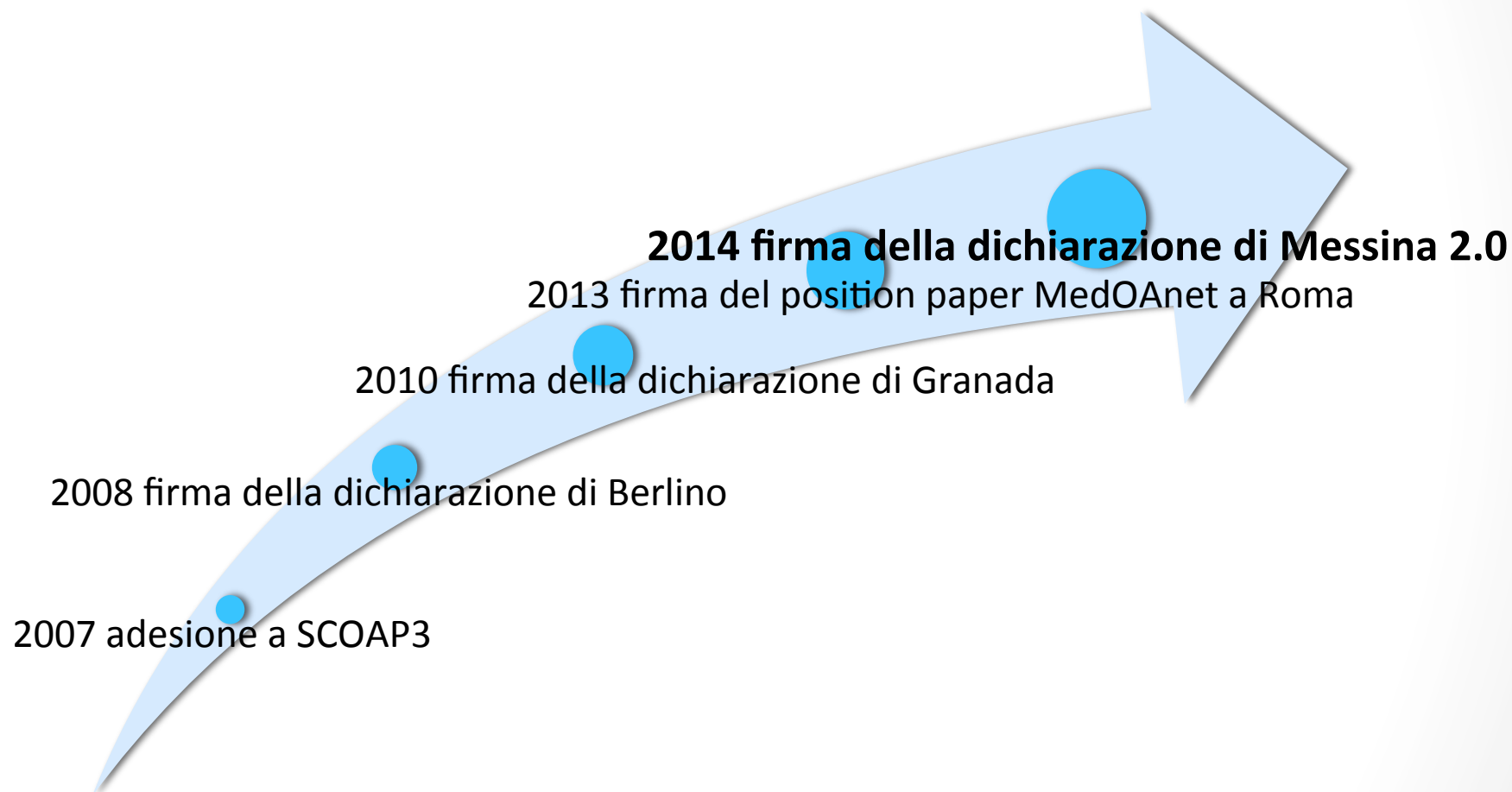
Journal of High  
Energy Physics  
(1997) della SISSA

Physical Review Special Topics  
Accelerators and Beams (1998)

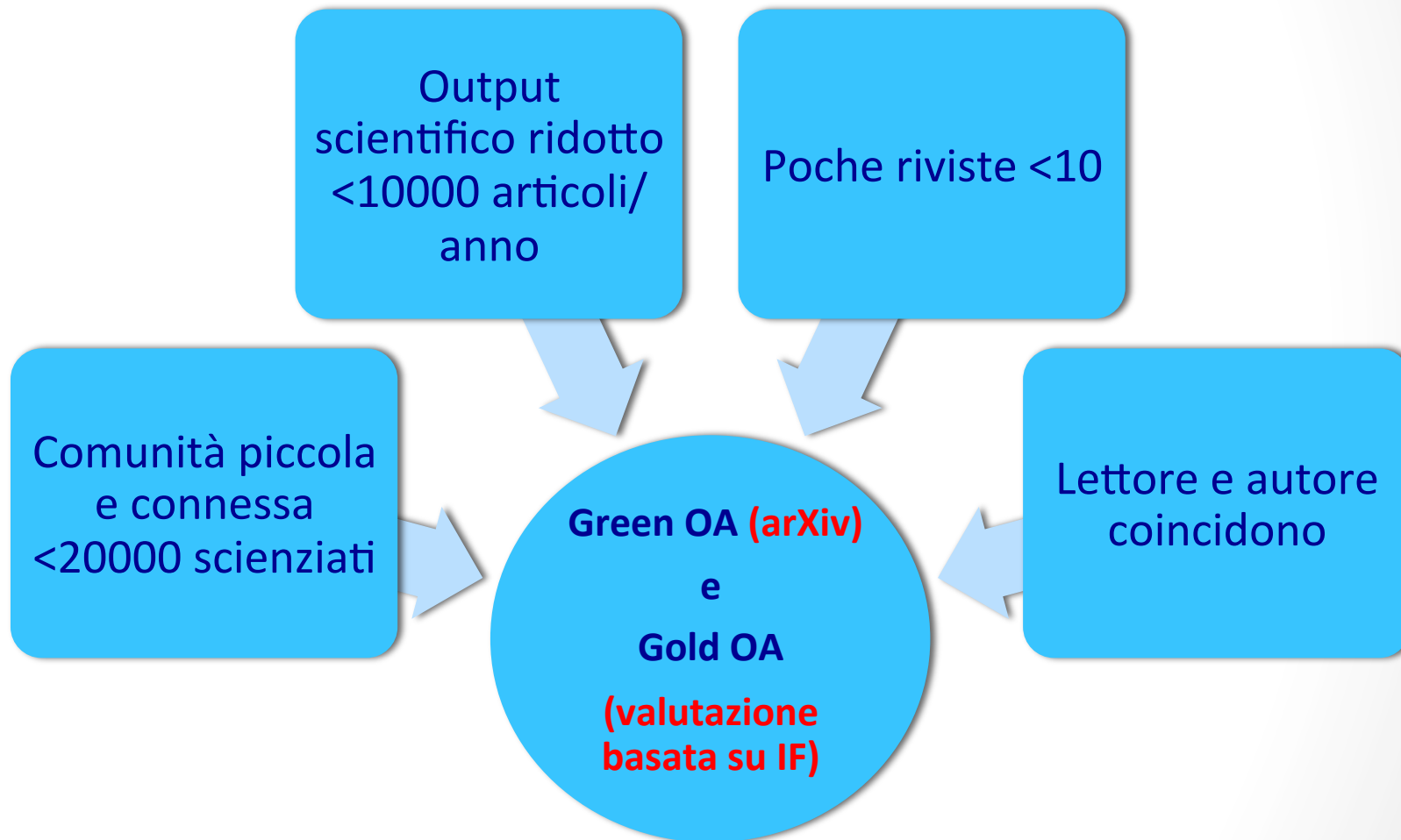
New Journal of Physics  
(1998)



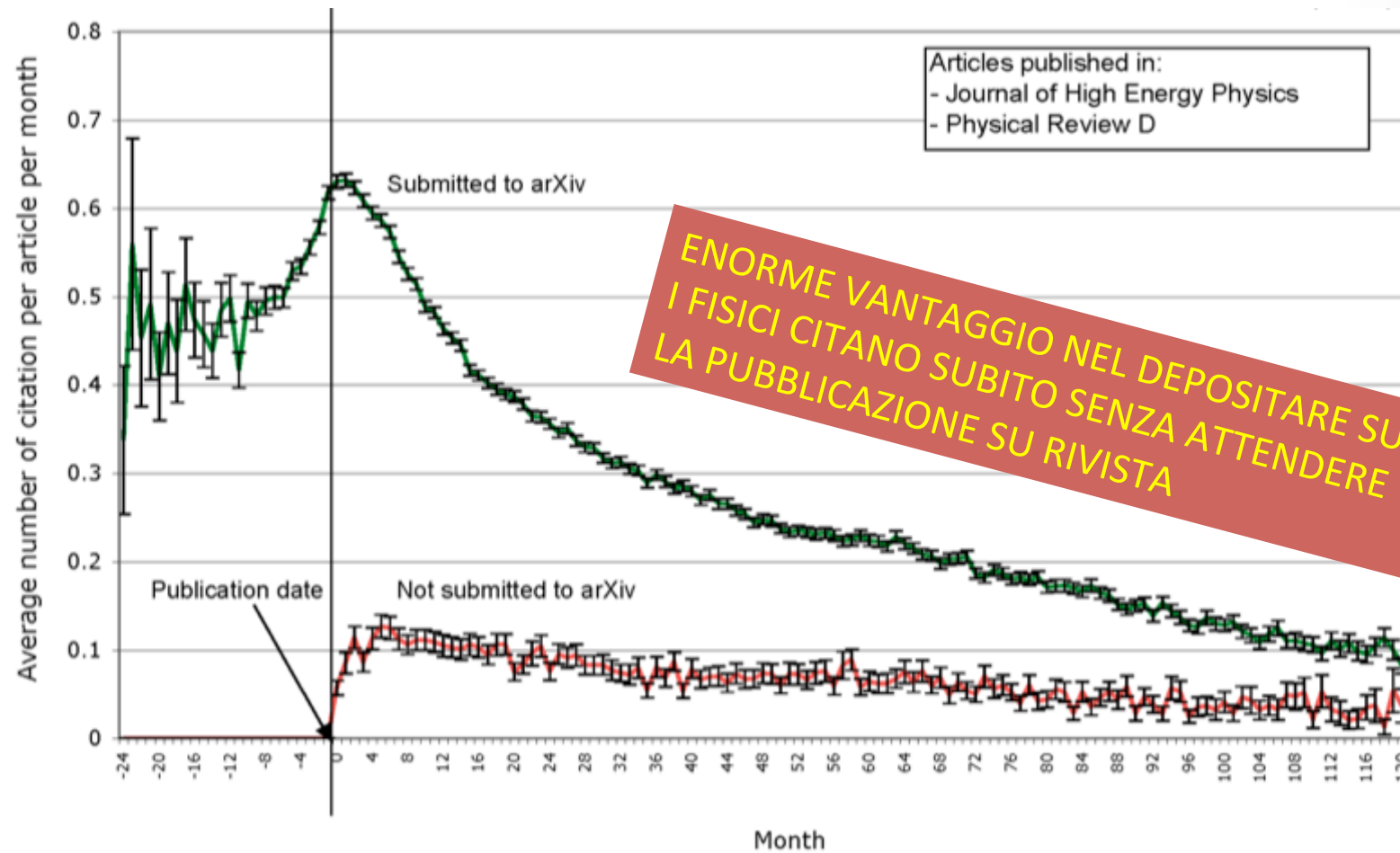
# Infn e Open Access



# High Energy Physics e Open Access: sinergia



Anne Gentil-Beccot (CERN) et al. DOI: [10.1007/s11192-009-0111-1](https://doi.org/10.1007/s11192-009-0111-1)



1. Sociologia dei fisici
- 2. Open Access Publishing**
3. Open Access Data
4. OpenAccessRepository.it
5. OAR e S&TDL





*"We strongly encourage the usage of electronic publishing methods for our publications and support the principles of Open Access Publishing, which includes granting **free access of our publications to all**. Furthermore, we encourage all our members **to publish papers in easily accessible journals, following the principles of the Open Access Paradigm.**"*

4 experimental groups  
5000 scientists  
from 54 countries  
LHC at CERN

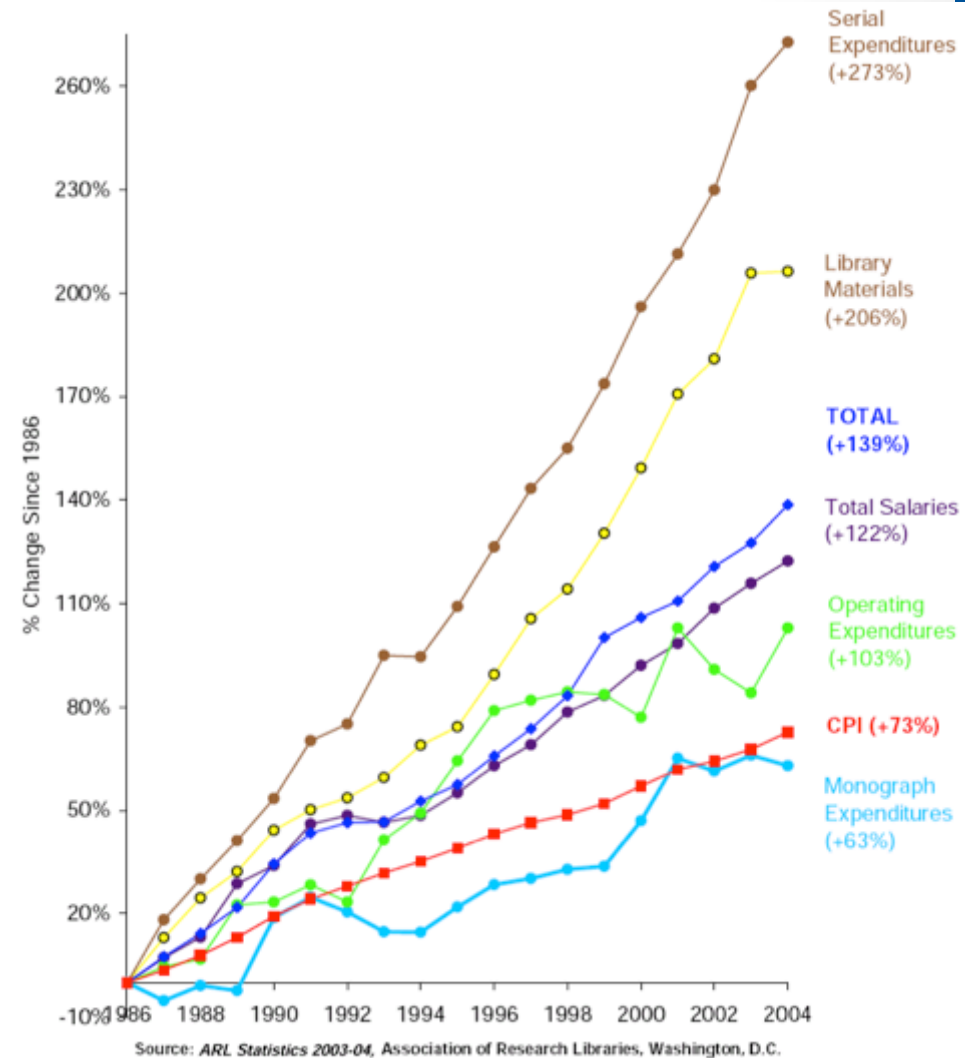
ATLAS; approved on 23rd February 2007  
CMS; approved on 2nd March 2007  
ALICE; approved on 9th March 2007  
LHCb; approved on 12th March 2007

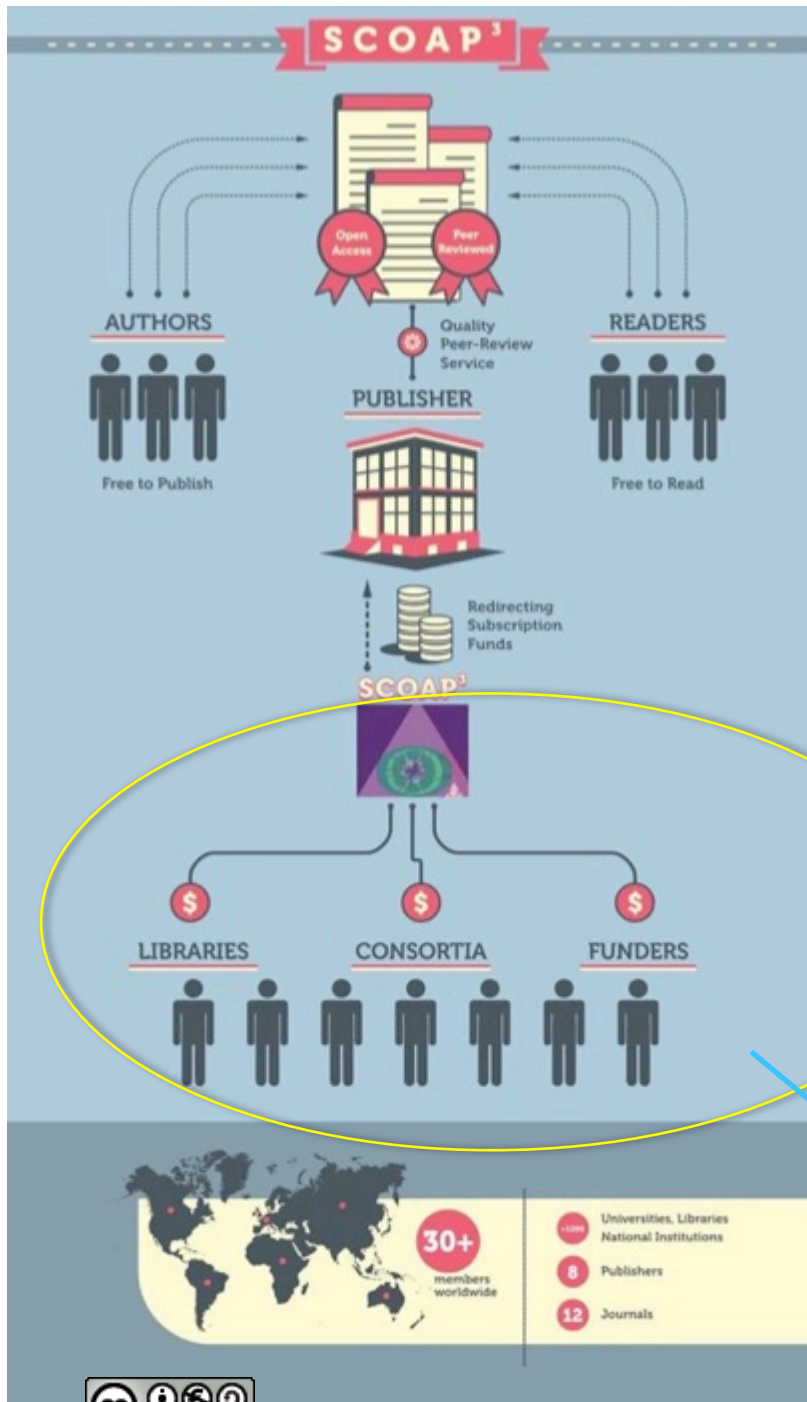


# L'aumento dei prezzi degli abbonamenti è un problema globale



- **Journal subscription prices have soared above any indicator**
- **The more libraries cancel subscriptions, the more these prices grow (*serial crisis*)**





# Sponsoring Consortium for OAP in Particle Physics [scoap3.org](http://scoap3.org)

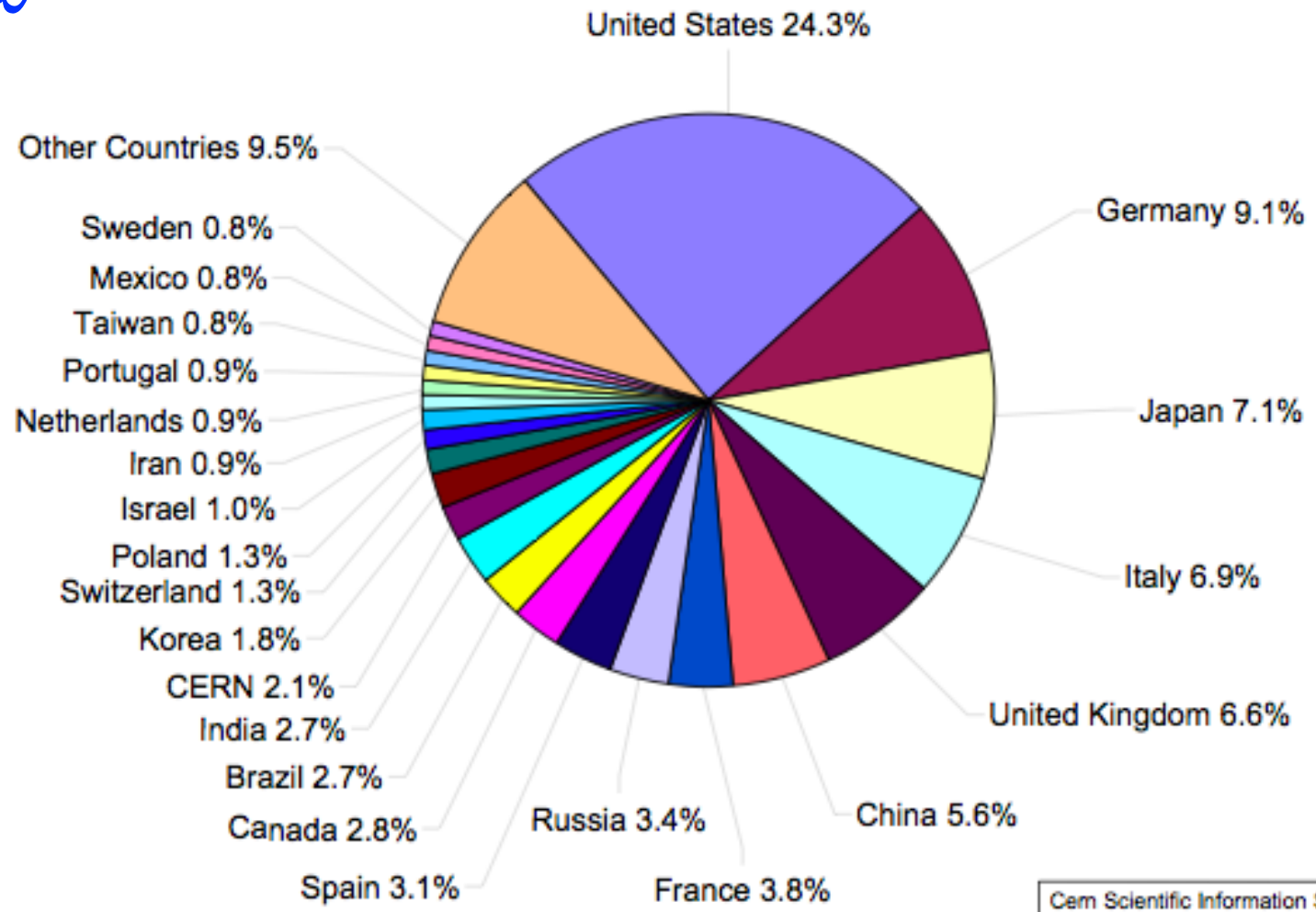
*Un modello economico  
alternativo  
agli abbonamenti*

*\$\$\$ degli abbonamenti  
diventano un fondo per  
pagare la pubblicazione OA*

*Nessun autore paga  
**NO DOUBLE-DIPPING***

*Una collaborazione mondiale delle  
agenzie finanziatrici in High Energy  
Physics*

# SCOAP<sup>3</sup> financing



- **Successo**

- SCOAP3 ha iniziato il contratto triennale il 1 gennaio 2014
- Prezzi di pubblicazione piu' bassi della media
- Nessun aumento annuale



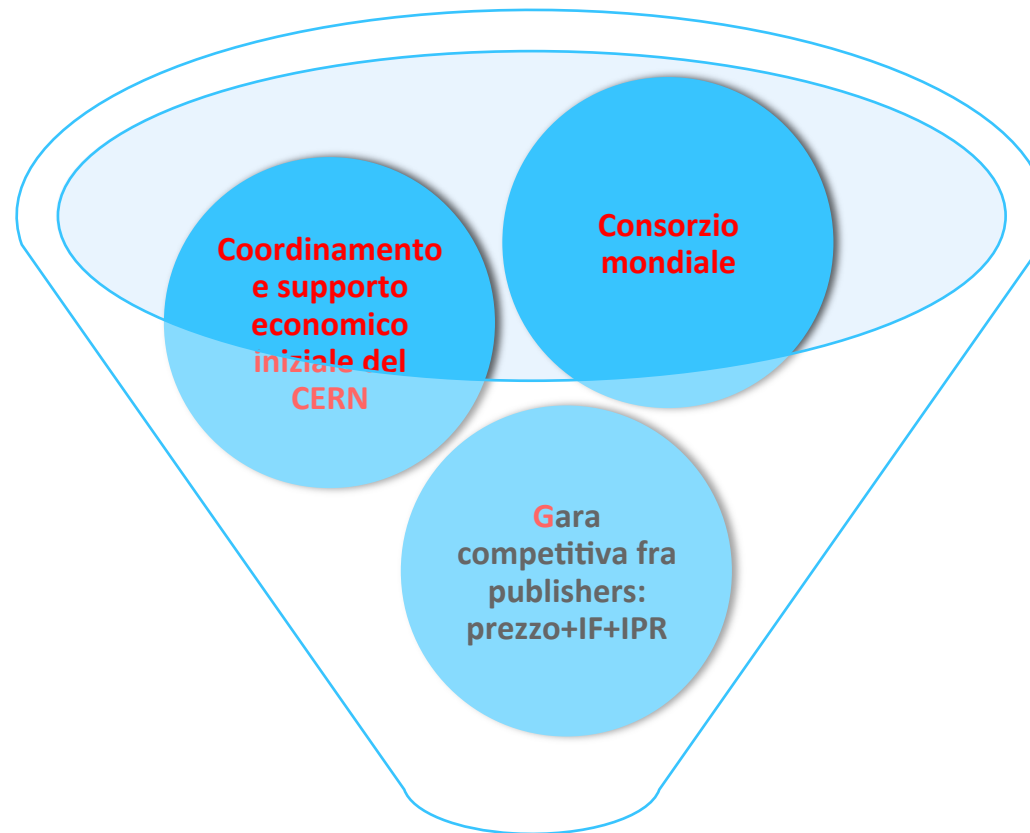


# SCOAP<sup>3</sup>: Sponsoring Consortium for OAP in Particle Physics

41 partners  
42 paesi  
3 organizzazioni internazionali  
2000+ biblioteche ...in crescita

In Italia:  
Università  
CRUI-CARE CINECA, CIPE, CNR  
ENEA, ICTP

## elementi chiave di scoap<sup>3</sup>



9000+ articoli pubblicati OA dal 2014

***Sustainability del modello 2017 → ?***

***Estensione ad altre comunità ?***



1. Sociologia dei fisici
2. Open Access Publishing
3. Open Access Data
4. OpenAccessRepository.it
5. OAR e S&TDL



# Gli esperimenti al CERN hanno approvato (o stanno per approvare) *policies* specifiche di open data

- CMS
  - <https://cms-docdb.cern.ch/cgi-bin/PublicDocDB/ShowDocument?docid=6032>
- ATLAS
  - In preparazione
- ALICE
  - In preparazione
- LHCb
  - <https://cds.cern.ch/record/1543410?ln=en>



1. Sociologia dei fisici
2. Open Access Publishing
3. Open Access Data
4. **OpenAccessRepository.it**
5. OAR e S&TDL





# Il progetto database dei prodotti della ricerca INFN

- Cosa ?
  - Un database dei prodotti della ricerca INFN interoperabile con arXiv, VQR per MIUR, isi/wos, OpenAIRE, articoli SCOAP<sup>3</sup>, ...
- Perché?
  - Non lo abbiamo
  - Normativa EU e Italia
  - Soddisfa obbligo deposito presso CNR
  - Strumento indispensabile per la VQR
  - Utile *test-bed* per estensione ad Open Data e Open Knowledge
  - **Obbligatorietà del deposito dei pre-print → più citazioni**
  - **Opportunità richiesta fondi in Italia**
  - **Ingresso in cordate per progetti H2020**



## Il progetto database dei prodotti della ricerca INFN

- Come ?
  - Tecnologia: INVENIO (CERN) + customizzazioni ed enhancement INFN
  - ONE-DEPOSIT author-friendly
  - Associazione di DOI ai prodotti depositati (l'INFN ha aderito al progetto DOI della CRUI)
  - **Federato con la S&T Digital Library CNR**



# Il pilot Open Access Repository



S.Bianco (INFN)- SCOAP3 - CNR Roma, 15 ottobre 2015

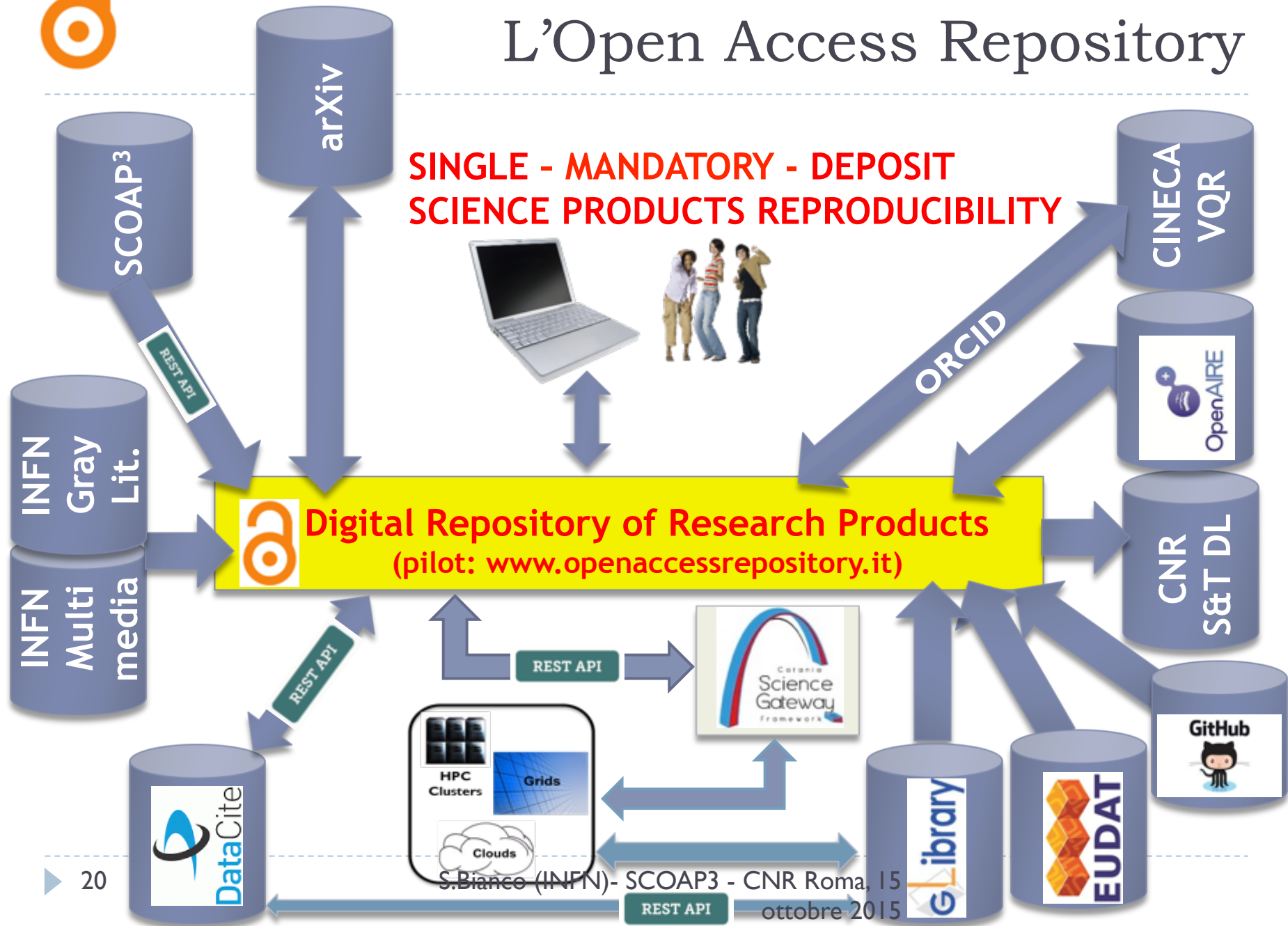
9





# L'Open Access Repository

**SINGLE - MANDATORY - DEPOSIT  
SCIENCE PRODUCTS REPRODUCIBILITY**





# Open Access Repository: requirements, choices and motivations

---

- ▶ **Requirements:**
  - ▶ Open source
  - ▶ Standard compliant
  - ▶ Well supported
  - ▶ Scalable up to  $O(10^6)$ - $O(10^7)$  resources (to begin with)
- ▶ **Choice:**
  - ▶ Invenio ([www.invenio-software.org](http://www.invenio-software.org)) – actual version: 1.1.3 + our «add-ons»
- ▶ **Motivations:**
  - ▶ Fully compliant with OAI-PMH and Marc21 standards
  - ▶ Co-developed by an international collaboration comprising institutes such as CERN, DESY, EPFL, FNAL, SLAC and used by about 30 scientific institutions worldwide
  - ▶ ZENODO (OpenAIRE flagship repository) and SCOAP<sup>3</sup> repositories are based on Invenio
  - ▶ The CERN Document Server (<http://cds.cern.ch/>) contains more than 21 1.3 million documents<sup>S.Bianco (INFN)- SCOAP3 - CNR Roma, 15</sup>



# Open Access Repository: tentative plan

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- ▶ Short term - **DONE!**
  - ▶ Create a (Green) Open Access repository
  - ▶ Make it compliant with both «de jure» and «de facto» standards
  - ▶ Make it easily discoverable
- ▶ Medium term - **DONE!**
  - ▶ Use PID/DOI services to tag papers, data, software and VMs where scientific results can be reproduced and extended (agreement established with the DOI Project of the Conference of Italian Universities)
  - ▶ Allow federated authentication
  - ▶ Interface the repository with local, grid and cloud storage through Science Gateways
- ▶ Outreach - **IN PROGRESS**
  - ▶ Open the repository to other organisations in Italy (we already got several expressions of interest)
  - ▶ Make it visible and well reputed



# The INFN Open Access Repository (www.openaccessrepository.it)

**Open Access Repository** BETA bera :: [logout](#)

Search Submit Personalize Help Administration

**Search 4,347 records for:**

any field

[Search Tips](#) :: [Advanced Search](#)

- [Audio-Video Recordings](#) (0)  
[INFN](#) (0) [Others](#) (0)
- [Datasets](#) (185)  
[INFN](#) (185) [Others](#) (0)
- [Images](#) (0)  
[INFN](#) (0) [Others](#) (0)
- [Presentations](#) (4)  
[INFN](#) (3) [PSTS](#) (0) [Others](#) (1)
- [Posters](#) (4)  
[INFN](#) (4) [Others](#) (0)
- [Publications](#) (3,968)  
[INFN](#) (1,147) [PSTS](#) (1) [Others](#) (2,820)
- [Software](#) (186)  
[INFN](#) (186) [Others](#) (0)

**Automatic ingestion in place from:**

**papers** →

**data** →

**SCOAP<sup>3</sup>** REST API

**federated authentication**

**ABOUT THIS SITE**  
Welcome to the beta version of the Open Access Repository managed and operated by [INFN](#). Feel free to browse all the features and contents of this site as well as to upload your own open access documents and data. To sign-up or sign-in, click on [login](#).

**CERTIFICATION AND COMPLIANCE**  
This site is both an OAI conforming repository and an official OpenAAR data provider. It is also one of the official [OpenAIRE archives](#), compliant with version 3.0 of its [guidelines](#).

**SEE ALSO**  
[INFN](#), [PSTS](#)

This site is also available in the following languages:  
English Italiano

This is a Service Provider of:

S. Bianco (INFN) - SCOAP<sup>3</sup> - CNR Roma, 15 ottobre 2015

Open Access Repository :: [Search](#) :: [Submit](#) :: [Personalize](#) :: [Help](#)  
Info :: [Terms of use](#) :: [Privacy Policy](#) :: [Support/Feedback](#)  
Powered by [Invenio v1.1.3.15-fe13-dirty](#)  
Maintained by INFN Catania [librarian@openaccessrepository.it](mailto:librarian@openaccessrepository.it)  
Last updated: 20 Oct 2014, 14:03





# Visibility and compliance (registered as an OpenDOAR data provider)

OpenDOAR

OpenDOAR Development Blog >

Directory of Open Access Repositories

[Home](#) | [Find](#) | [Suggest](#) | [Tools](#) | [FAQ](#) | [About](#) | [Contact Us](#)

Search or Browse for Repositories

[Recent Additions](#) [RSS1 Feed](#)

"Open Access Repository"

Any Subject Area  Any Content Type  Any Repository Type

Any Country  Any Language  Any Software

Full records  1  per page. Sort by:

To search the *contents* of the repositories listed in OpenDOAR, please see our [Content Search](#) page.

Result 1 of 1.

Page: << Previous 1 Next >>

**Open Access Repository**

**URL:** <http://www.openaccessrepository.it/>

**Organisation:** [INFN](#)

**Address:** Via Santa Sofia, 62, Catania

**Country:** Italy

**Location:** *Latitude:* 37.526700 & *Longitude:* 15.073100, [Google Map](#)

**Description:** Open Access repository of INFN publications and data, to be eventually extended to other organisations. The interface is in English.

**Type:** Institutional - Operational

**Size:** 2026 items (2014-05-19)

**OAI-PMH:** <http://www.openaccessrepository.it/oai2d>

**Software:** invenio

**Subjects:** Physics and Astronomy

**Content:** Articles; Conferences; Datasets; Multimedia; Software; Special

**Languages:** English

**Contacts:** 1. Roberto Barbera ([roberto\\_barbera@ct.infn.it](mailto:roberto_barbera@ct.infn.it)), Administrator  
2. Roberto Barbera ([librarian@openaccessrepository.it](mailto:librarian@openaccessrepository.it)), Administrator

**OpenDOAR ID:** 3061, *Last reviewed:* 2014-05-16, [Suggest an update for this record](#)

Link to this record: <http://opendoar.org/id/3061/>



# Visibility and compliance (registered as an OpenAIRE data provider)

| OpenAIRE  |         | PARTICIPATE                |  | SEARCH                       |  | STATISTICS           |  | SUPPORT               |  | OPEN ACCESS |                                       |
|---|---------|----------------------------|--|------------------------------|--|----------------------|--|-----------------------|--|-------------|---------------------------------------|
|   |         | DEPOSIT, JOIN              |  | PUBLICATIONS, DATA, PROJECTS |  | OA, PROJECTS, TOPICS |  | FAQ, HELPDESK, GUIDES |  | IN EUROPE   |                                       |
| Ocean Science (OS)                                  | -       | -                          | -  |                              |  |                      |  |                       |  |             | OpenAIRE 2.0 (EC funding)             |
| OceanRep  | Germany | 20382 (updated 04/04/2014) | Helmholtz-Zentrum für Ozeanforschung Kiel                |                              |  |                      |  |                       |  |             | OpenAIRE 2.0+ (DRIVER OA, EC funding) |
| OMA   | Belgium | 15057 (updated 20/02/2014) | Vlaams Instituut voor de Zee (Flanders Marine Institute) |                              |  |                      |  |                       |  |             | OpenAIRE 2.0 (EC funding)             |
| Online-Publikations-Server der Hochschule Osnabrück | Germany | 12 (updated 19/05/2014)    | Hochschule Osnabrück                                     |                              |  |                      |  |                       |  |             | OpenAIRE basic (DRIVER OA)            |
| Open Access LMU                                     | Germany | 16316 (updated 13/02/2014) | Ludwig-Maximilians Universität München                   |                              |  |                      |  |                       |  |             | OpenAIRE basic (DRIVER OA)            |
| Open Access Repository                              | Italy   | -                          | Istituto Nazionale di Fisica Nucleare (INFN)             |                              |  |                      |  |                       |  |             | OpenAIRE 3.0 (OA, funding)            |
| Open Access Repository of Indian Theses             | -       | -                          | -  |                              |  |                      |  |                       |  |             | OpenAIRE basic (DRIVER OA)            |
| Open Natuur Archief (Open Nature Archive)           | Belgium | -                          | Research Institute for Nature and Forest                 |                              |  |                      |  |                       |  |             | OpenAIRE basic (DRIVER OA)            |



# Alternative reputation systems: possibility to add researcher ID's

## Your Settings

### Edit login credentials

If you want to change your email or set for the first time your nickname, please set new values in the form below.

**Nickname:** barbera

(mandatory) Note: Since this is considered as a signature for comments and reviews, once set it can not be changed.

**New email address:**

(mandatory) Example: john.doe@example.com

[Set new values](#)

Please enter your researcher ID.

If you don't have researcher ID, be informed that most common ones are ORCID, Researcher ID, ResearchGate ID and Scopus Author ID.

**Google Scholar ID:**

Help: [Visit this page](#)



**GitHub ID:**

Help: [Visit this page](#)



**ORCID:**

Help: [Visit this page](#)



**Researcher ID:**

Help: [Visit this page](#)



**ResearchGate ID:**

Help: [Visit this page](#)



**Scopus Author ID:**

Help: [Visit this page](#)





[Insert your research ID](#)



# Alternative reputation systems: showing researcher ID's

Information | References (0) | Citations (0) | Keywords | Discussion (0) | Usage

## Probing the Top Quark Flavour-Chang Positro

[Mohammadi Najafabadi, Mojtaba](#) (School of Particles and Accelerat  
Tehran, Iran) ; [Hesari, Hoda](#)  (School of Particles and Accelerators,  
Tehran, Iran) ; [Khanpour, Hamzeh](#)  (Department of Physics, Mazanda  
; [Khatiri Yanehsari, Morteza](#) (Department of Physics,

03 Nov  
Hindawi Pub

We present a study to examine the sensitivity of a future  $e-e+$   
(FCNC) to the gluon. To separate signal from background a m  
events, where one top quark is considered to follow the domin  
through FCNC,  $t \rightarrow qg$ , where  $q$  is a  $u$  - or a  $c$  -quark. The anal  
The 95% confidence level limits on the top quark anomalous c  
energies and integrated luminosities.

Identifier(s): [10.1155/2014/476490](#)

*The record appears in these collections:*  
[Publications](#) > [Others](#)

Record created 2014-11-04, last modified 2014-11-04

Works (547) + Add works Bulk edit Sort

### LINK WORKS

ORCID works with our member organizations to make it easy to connect your ORCID iD and link to information in their records. Choose one of the link wizards to get started. [More information about linking works](#)

**DataCite search and link**  
Search the DataCite Metadata Store to find your research datasets, images and other works. Th... >

**Airiti**  
Enables user to import metadata from Airiti, including journal papers, proceedings, dissertations ... >

**CrossRef Metadata Search**  
Import your publications from CrossRef's authoritative, publisher-supplied metadata on over 70 ... >

**ResearcherID**  
ResearcherID is a global, multi-disciplinary scholarly research community where members can re... >

**Australian National Data Service (ANDS) Registry**  
Import your research datasets into ORCID from Australian National Data Service (ANDS) and ... >

**Europe PubMed Central**  
Europe PubMed Central (Europe PMC) offers this tool to enable you to link anything in Europe ... >

**ISNI2ORCID search and link**  
Enables user to search the ISNI registry by name and link ISNI records to his ORCID profile as a... >

**Scopus to ORCID**  
Import your Identifier, profile and publications. The wizard helps you find the correct Scopus pro... >

**MLA International Bibliography**  
Search the MLA International Bibliography for your works, including those published under varia... >

27 S.Bianco (INFN)-SCOAP3 - CNR Roma, 15  
ottobre 2015



# Resources' automatic harvesting & ingestion: the SCOAP<sup>3</sup> use case

Step 1

Call SCOAP<sup>3</sup> API

*Connect to the SCOAP<sup>3</sup> HTTP endpoint and pull required information*

```
public static HttpMethod callAPISCOAP3(String date, int jrec, int num_rec) {  
    HttpMethod method = null;  
    method = new HttpMethod("http://www.roma1.infn.it/sciap3/informazioni/recordi?idata=" + date + "&tran=" + jrec + "&num=" + num_rec);  
}
```

Step 2

Get SCOAP<sup>3</sup> records

*Save retrieved records in local XML file*

```
public static void getRecordsSCOAP3(String date, int jrec, int num_rec) {  
    String responseXML = null;  
    HttpClient client = new HttpClient();  
    HttpMethod method = callAPISCOAP3(date, jrec, num_rec);  
    try {  
        client.executeMethod(method);  
        if (method.getStatusCode() == HttpStatus.SC_OK) {  
            responseXML = client.getResponseBody();  
        }  
    }  
}
```

Step 3

Format SCOAP<sup>3</sup> records

*Create compliance with Open Access Repository scheme (modify MarcXML tags)*

Step 4

Ingest final data

*Ingest final, reformatted data in Open Access Repository*



# (Single) resources upload and DOI registration

Open Access Repository **BETA**

Search Submit Personalize Help Administration

Home > Submit > Datasets, Posters, Presentations, Publications, Software > Submit New Record

## Submit New Record

Datasets, Posters, Presentations, Publications, Software Submit New Record page: 1 SUMMARY(2)

**Submit a resource:**  
Your resource will be given a reference number automatically.  
However, if it has other reference numbers, please enter them here:  
(one per line)

Digital Object Identifier

Type of publication

\*Resource Title:


\*Author of the Resource: (one per line)

10.5072/oar.it/1412597948.03 Reserve a DOI

Title of my paper

Barbera, R

openaccessrepository.it  
is a registered domain of:





# Examples of document and data resources

Open Access Repository BETA

Search Submit Personalize Help

Home > Publications > INFN > Measurement of inclusive ep cross sections at high Q2 at s<sup>1/2</sup>=225 and 252 GeV and of the long

Information References (77) Citations (0) Keywords Disc

## Measurement of inclusive ep

[Andreev, V.](#) (Lebedev Physical Institute, Moscow, R); [Begzsuren, K.](#) (Institute of Physics and Technology Hamburg, Germany); [Boudry, V.](#) (LLR, Ecole Polyte Germany); [Brisson, V.](#) (LAL, Université Paris-Sud, C Germany); [Bylinkin, A.](#) (Institute for Theoretical and E (DESY, Hamburg, Germany); [Cantun Avila, K. B.](#) (De and Universiteit Antwerpen, Antwerp, Belgium); [Cer Germany\); \[Contreras, J. G.\]\(#\) \(Departamento de F \(Fachbereich C, Universität Wuppertal, Wuppertal, Germ \(CPPM, Aix-Marseille Univ, CNRS/IN2P3, 13288, M](#)

Inclusive ep double differential cross sections for energy of 27.6 GeV and two proton beam energie cover the region of  $6.5 \times 10^{-4} \leq x \leq 0.65$  for  $35 \leq Q^2 \leq$  data at Ep=460 , 575 and 920 GeV to extract the

The record appears in these collections:  
[Publications](#) > [INFN](#)

Record created 2014-04-29, last modified 2014-09-17

Fulltext:  
[PDF](#) [XML](#)

Open Access Repository BETA

Search Submit Personalize Help

Home > Datasets > INFN > ALEPH > 2000 > REAL DATA > LEP Data from The ALEPH Collaboration year 2000 datafile ZD4001.52.AL

Information References (0) Citations (0) Keywords Discussion (0) Usage statistics Files Plots Holdings

/ High Energy Physics 10.5072/oar.it/1411556201.93

## LEP Data from The ALEPH Collaboration year 2000 datafile ZD4001.52.AL

[Marcello Maggi](#)  
01 September 2014

Run contents for this data file

| Run # | Nevents | Length (Mb) | LEP energy | Nb of Z0s |
|-------|---------|-------------|------------|-----------|
| 57312 | 3918    | 12.202      | 205.161    | 3         |
| 57313 | 1086    | 3.551       | 206.318    | 1         |
| 57315 | 13855   | 41.543      | 205.180    | 28        |
| 57316 | 3957    | 10.490      | 206.525    | 7         |
| 57318 | 5579    | 15.413      | 205.180    | 6         |
| 57320 | 6239    | 19.049      | 205.142    | 13        |
| 57323 | 3107    | 9.573       | 205.140    | 4         |
| 57324 | 1284    | 3.981       | 206.538    | 3         |
| 57326 | 11455   | 35.768      | 205.164    | 22        |
| 57327 | 3882    | 11.133      | 206.653    | 8         |
| 57330 | 1454    | 4.220       | 206.418    | 2         |
| 57333 | 3773    | 12.015      | 205.165    | 6         |
| 57334 | 6013    | 18.005      | 206.531    | 10        |
| 57336 | 347     | 1.156       | 205.139    | -1        |
| 57338 | 1290    | 3.939       | 205.145    | 3         |
| 57339 | 7518    | 23.478      | 206.342    | 19        |
| 57341 | 1178    | 3.606       | 205.282    | 2         |
| 57342 | 5994    | 18.313      | 206.258    | 11        |
| 57344 | 2228    | 6.740       | 205.142    | 1         |
| 57347 | 4287    | 12.860      | 205.128    | 9         |
| 57348 | 6307    | 18.738      | 206.315    | 9         |
| 57351 | 1497    | 4.720       | 205.128    | 2         |
| 57352 | 5474    | 16.701      | 206.317    | 7         |

Total file length : 305.594 Mbytes

The record appears in these collections:  
[Datasets](#) > [INFN](#) > [ALEPH](#) > [2000](#) > [REAL DATA](#)

Record created 2014-07-24, last modified 2014-10-01

[Similar records](#)

External link: [ALEPH](#)

Rate this document: (Not yet reviewed)

Add to personal basket  
Export as BibTex, MARC, MARCXML, DC, EndNote, NLM, RefWorks

Data stored on:





# Example of software resources: the ALEPH Virtual Research Environment

Open Access Repository **BETA**

Search Submit Personalize Help

Home > Software > INFN > SOFTWARE ALEPH > ALEPH SCL5 Virtual Machine for Research Environment

Information References (0) Citations (0) Keywords Discussion (0) Usage statistics Files Plots Holdings

**10.5072/oar.it/1411041136.04**

## ALEPH SCL5 Virtual Machine for Research Environment

[Marcello Maggi](#) ; [Tommaso Boccali](#)

18 September 2014

The software and the computing environment of the ALEPH experiment has been preserved in a Virtual Machine in vmdk format based on Scientific Linux 5 on the x86\_64 architecture. The Virtual Machine also contains EUDAT Services in order to discover data with B2FIND and to fetch the experimental data stored in the EUDAT infrastructure via the B2STAGE tool.

**Keyword(s):** [ALEPH](#) ; [LEP](#) ; [CERN](#) ; [INFN](#) ; [VM](#) ; [VRE](#) ; [Elementary Particle Physics](#) ; [Science Gateway](#)

The record appears in these collections:  
[Software](#) > [INFN](#) > [SOFTWARE ALEPH](#)

Record created 2014-09-18, last modified 2014-10-01

Fulltext:  
VMDK

Opening SOFTWAREALEPH2000-2014-001.vmdk

You have chosen to open:

- SOFTWAREALEPH2000-2014-001.vmdk  
which is: vmdk File (11,5 GB)  
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# The OAR Knowledge Workflow: data inspection

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- [1] [Search for neutral Higgs bosons in the ALEPH data]
- [2] [ALEPH SCL5 Virtual Machine]
- [3] [Analysis with the CHAIN-REDs Science Gateway of LEP Data from the ALEPH Collaboration year 2000 datafile ZD4001.17.AL]

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/ High Energy Physics 10.5072/oar.it/1412595236.96

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
[Roberto Barbera](#) ; [Bruno Riccardo](#) ; [Carrubba Carla](#) ; [Inserra Giuseppina](#) ; [Maggi Marcello](#) ; [Ricceri Rita](#)

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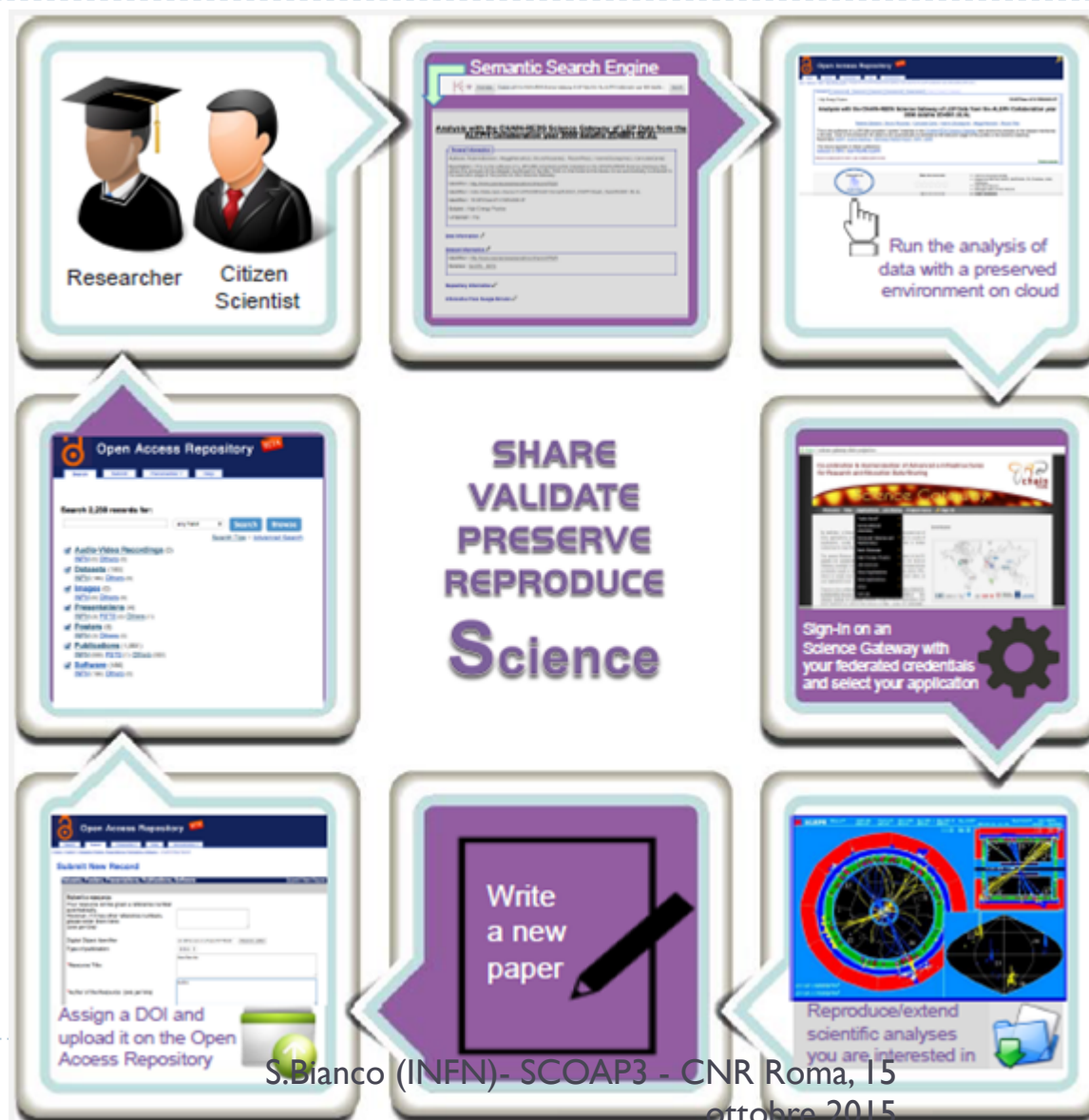
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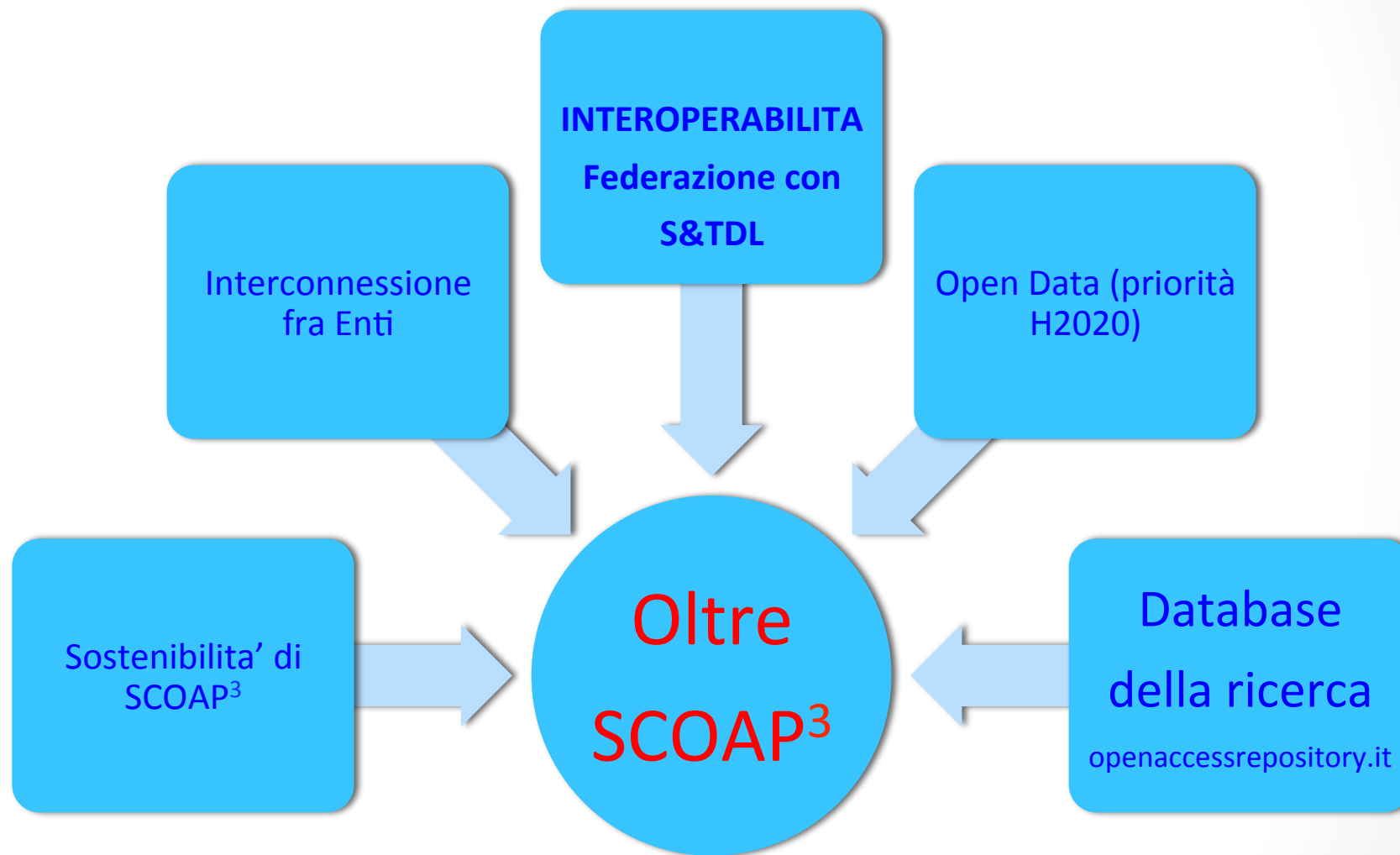
# The OAR Knowledge Workflow: the “grand view”



1. Sociologia dei fisici
2. Open Access Publishing
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4. OpenAccessRepository.it
5. **OAR e S&TDL**



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- <http://bpf.sp.unipi.it/aisa/>
- *Kickoff* recente, 20 ottobre 2014
- Info ? Prof. Roberto Caso Università di Trento, Presidente

- *Grazie per l'attenzione*

*stefano.bianco@Inf.infn.it*

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[S. Bianco et al. CERN-OPEN-2007-015, Apr 2007. 35pp.](#)
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# Liste

- [scoap3-italia-info@lists.infn.it](mailto:scoap3-italia-info@lists.infn.it)
  - Info line, rispondono gli SCOAP3 National Contacts SB & P.Gargiulo (Cineca)
- [scoap3-italia@lists.infn.it](mailto:scoap3-italia@lists.infn.it)
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  - Ricognizione degli abbonamenti in corso, tipologia, persona di riferimento
- *Unbundling*
  - Scorporo della reduction in caso di abbonamenti inseriti in pacchetti
- *Reduction*
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- *Calculator*
  - Tool excel per il calcolo della reduction
- *Reconciliation Facility*
  - Tool web per la contrattazione delle reduction
- *MOU Memorandum Of Understanding*
  - Impegno fra INFN e CERN