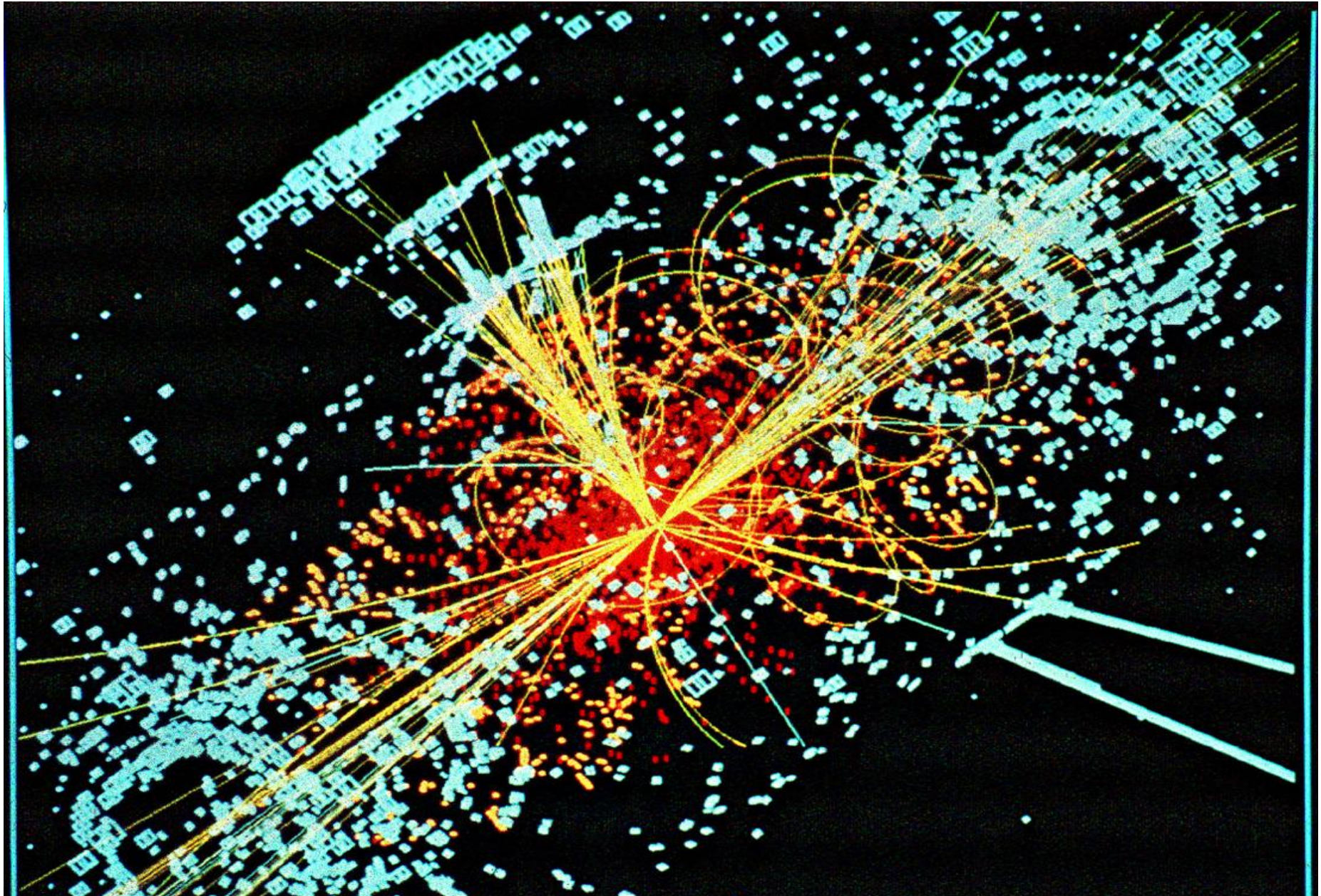


INVENIO



Javier Martin Montull & Jan Åge Lavik
CERN

Invenio User Group Workshop
Jülich, Germany
17–20 November 2013



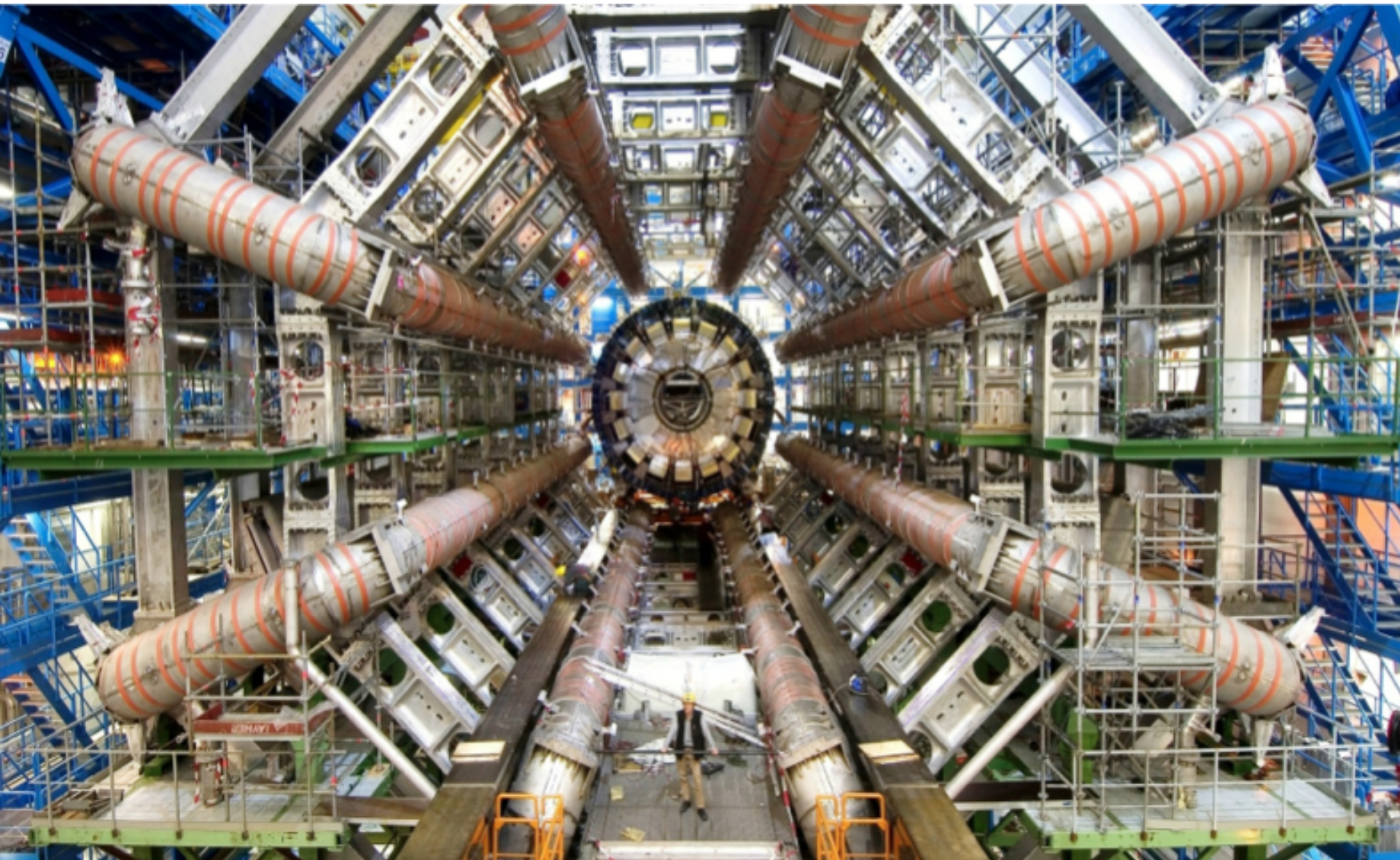
Who are our users?

40 years

50.000 users (HEP scientists)

~2 requests/second

1.000.000+ records (scientific papers)



+2500 papers/year from experimentalists

+20000 papers/year from theorists



First website in the US



SPIRES content

Invenio repository software



HEP Search

High-Energy Physics Literature Database

Use "find" for SPIRES-style search ([other tips](#))

Brief format ▾

Search

[Easy Search](#)
[Advanced Search](#)

[find j "Phys.Rev.Lett.,105"](#) :: [more](#)

HOW TO SEARCH

SPIRES syntax is (mostly) supported (requires "find")

`find a richter, b and t quark and date > 1984`

`find j phys.rev.,D50,1140 or j jhep,0903,112`

`find eprint arxiv:1007.5048` (Note the plots available on the detailed record)

`find fulltext "quark-gluon plasma"` (Note new "fulltext" operator)

`find a ellis and refersto a witten` (Note "refersto")

`find a kane and citedby title SUSY and topcite 200+` (Note "citedby")

New techniques:

`1985 richter quark multiplicity`

`arXiv:1007.5048`

`citedby:author:ellis -refersto:author:witten`

`author:randall | author:sundrum cited:450->1350`

Additional Help:

[More search tips and full help](#)

INSPIRE UPDATES

See our blog at blog.inspirehep.net for updates on new features and other news. You can also follow us at [@inspirehep](https://twitter.com/inspirehep) on twitter. To send us feedback use feedback@inspirehep.net. The data in INSPIRE is updated daily and should be the same as what is available from SPIRES, or better. To correct data in INSPIRE (or SPIRES), let us know at help@inspirehep.net.

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[PDG review of online resources](#)

INSPIRE News

2013-10-28 SPIRES-style searches without "f", "fin" or "find" now work again but we still recommend using them. Our apologies for the inconvenience!

2013-10-25 Please use "f", "fin" or "find" for SPIRES style searches on

What do we focus on?

iNSPIRE

Harvest (OAI-PMH)

Automatic processing and enrichment

Manual curation



User submission



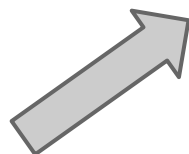
Crowdsourcing

Manual curation

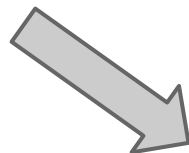
Distributed team of catalogers

Focus on improving efficiency and speed on all the tools: BibEdit, MultiEdit and BibMerge.

Ingestion of content



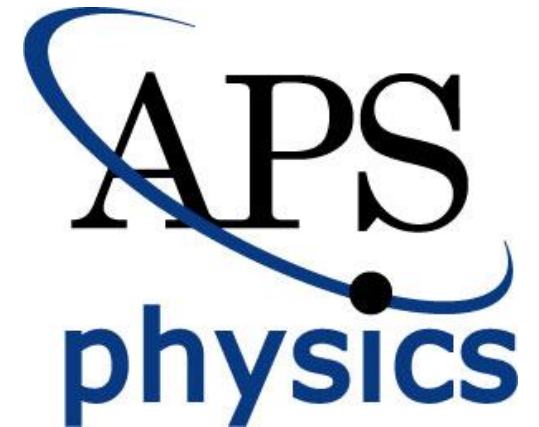
OAI-PMH



LATEX

+ attached files (images)

Ingestion of content



Authors

Author disambiguation (BibAuthorID)

Author profiles (WebAuthorProfile)

Crowdsourcing

Ellis, J. A.

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Welcome to the improved author profiles!

We have revised our author page. Please let us know what you think via feedback@inspirehep.net

Publications list

Publications in INSPIRE:

1. Comments on "Wall-plug (AC) power consumption of a very high energy e^+e^- storage ring collider" by Marc Ross
2. The End of the CMSSM Coannihilation Strip is Nigh
3. An Experimental Platform for Creating White Dwarf Photospheres in the Laboratory
4. Creating White Dwarf Photospheres in the Laboratory: Strategy for Astrophysics Applications
5. Optimal strategies for continuous gravitational wave detection in pulsar timing arrays
6. Particle Dark Matter: Observations, Models and Searches
7. A scintillating glass fiber-optic active target for vertex detection and tracking applications in high-energy physics experiments
8. Liquid capillary scintillation detectors
9. Glass fibers and capillaries
10. LIQUIDS IN CAPILLARIES: NEW FIBER DETECTORS FOR HIGH-ENERGY PHYSICS APPLICATIONS
11. DEVELOPMENT OF NEW SCINTILLATING FIBER DETECTORS FOR HIGH-ENERGY PHYSICS

Citations (from papers in INSPIRE)

Citations summary

Generated on 2013-11-18

17 papers found, 10 of them citeable (published or arXiv)

Citation summary results	Citeable papers	Published only
Total number of papers analyzed:	10	8
Total number of citations:	65	65
Average citations per paper:	6.5	8.1
Breakdown of papers by citations:		
Renowned papers (500+)	0	0
Famous papers (250-499)	0	0
Very well-known papers (100-249)	0	0
Well-known papers (50-99)	0	0
Known papers (10-49)	3	3
Less known papers (1-9)	5	5
Unknown papers (0)	2	0
h_{50} index [?]	4	4

See additional metrics

Exclude self-citations or RPP

Warning: The citation search should be used and interpreted with great care. [Read the fine print](#)

HepNames data

J. Ellis (Collimated Holes, Campbell)
[\[Author Profile\]](#) [\[Google\]](#) [\[Students\]](#) [\[arXiv\]](#) [\[ADS\]](#)

Field: OTHER
Author Profile: J.ELLIS.2

Institutional History:

Institution	Rank	Start Date	End Date
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[UPDATE](#)

Collimated Holes, Campbell

Name variants

J. Ellis (1)
Ellis, J.L. (3)
Ellis, J.E. (4)
Ellis, J.A. (1)
Ellis, J. (8)

Affiliations

Collimated Holes, Campbell (6)
Rutherford (4)
Toledo U. (1)
King's Coll. London (1)
CERN (1)
Wisconsin U., Milwaukee (1)

Frequent co-authors (excluding collaborations)

D.Swanson.1 (5)
A.Baumbaugh.1 (5)
B.Baumbaugh.1 (5)
K.Knickerbocker.1 (5)
R.Mead.2 (5)
R.Ruchti.1 (5)
D.Pusejic.1 (4)
C.J.Kennedy.1 (3)
E.G.Sandels.1 (3)
J.M.Ryan.1 (3)
[\[more\]](#)

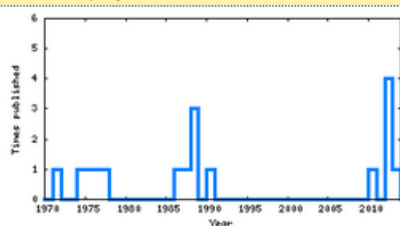
Collaborations

No Collaborations

Papers

	All papers	Single authored
All papers	17	0
Book	1	0
ConferencePaper	6	0
Introductory	0	0
Lectures	0	0
Published	8	0
Review	0	0
Thesis	0	0
Proceedings	0	0

Publications per year



Subject categories

Antiprotons (4)

Frequent keywords

scintillation counter; fiber (4)

External authentication



Carli, Samuele (S.Carli.1)

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Orcid: 0000-0002-3250-2465

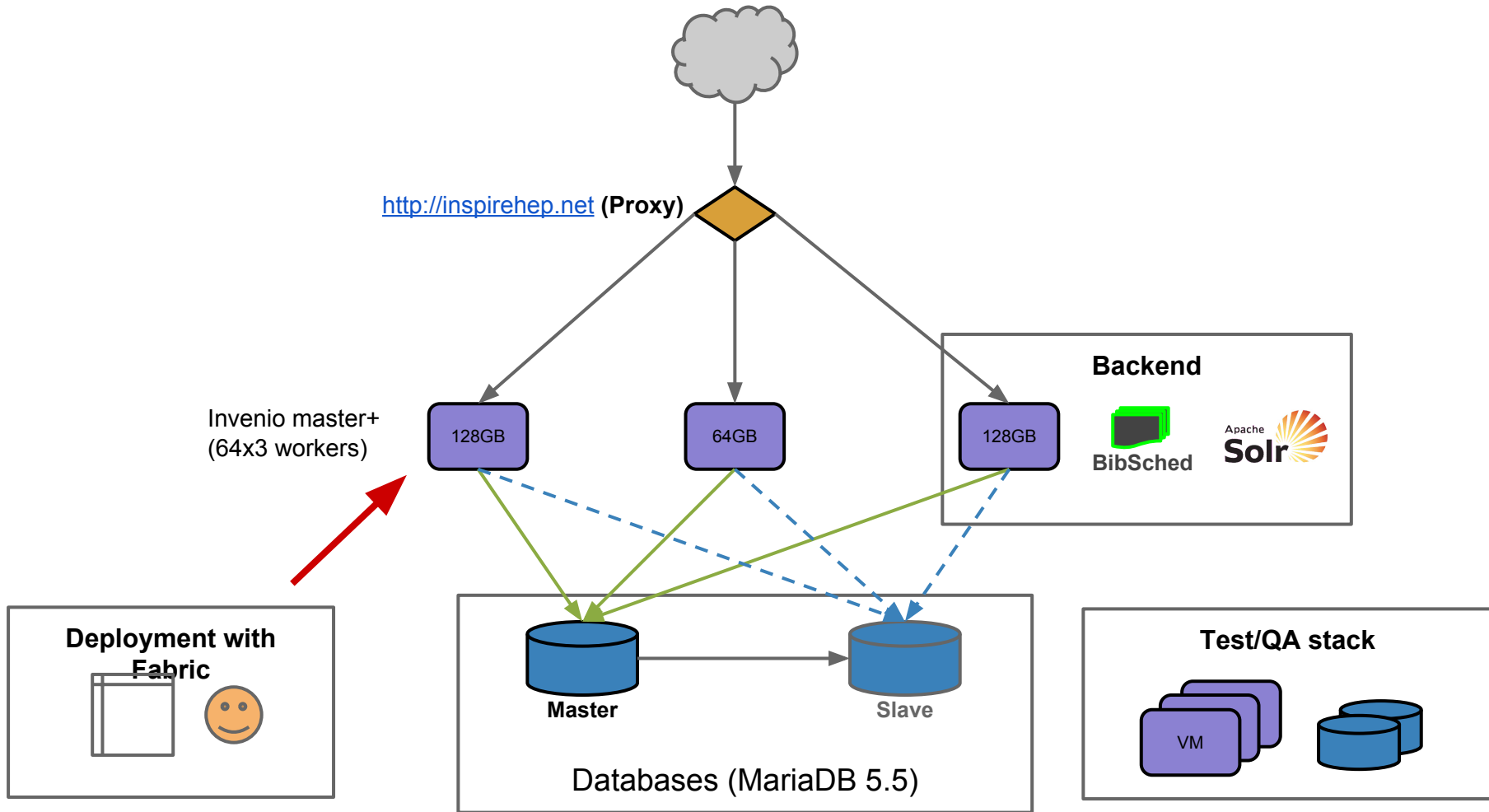
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-- Choose system --



[suggest external id to add](#)

What is our setup?



Running on recent



+ OPS

improvements to citation ranking, oai harvest, cataloging tools, author disambiguation etc.

Next steps

Dedicated team for NEXT migration

New Holding Pen deployment

More focus on usability, design and crowdsourcing