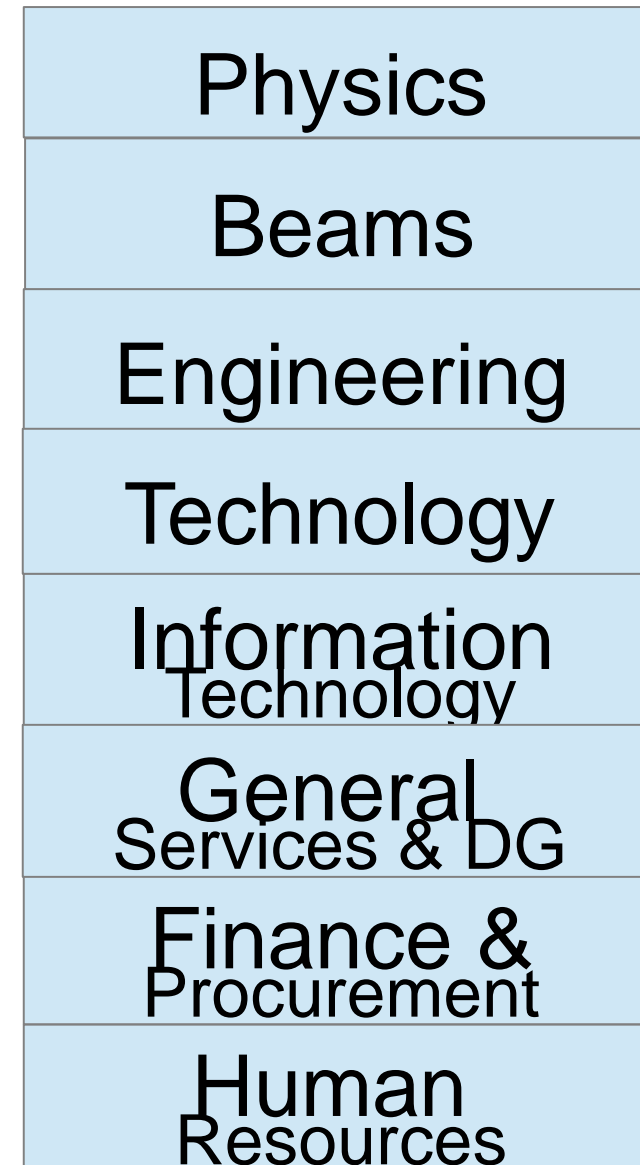
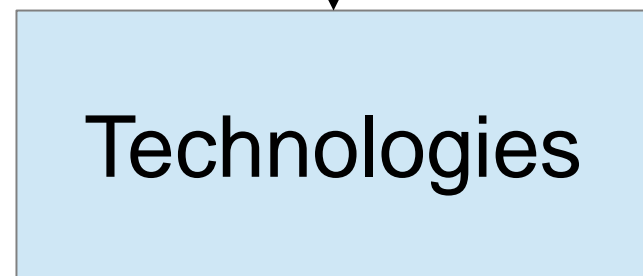


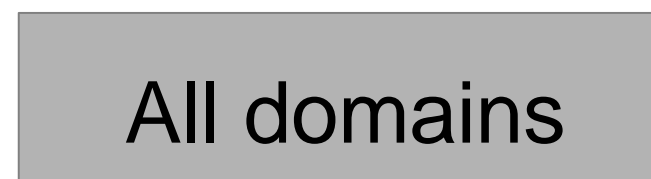
Invenio: a possible search system for Indico

Indico & Invenio: Internal Organisation

Collaboration & Information Services

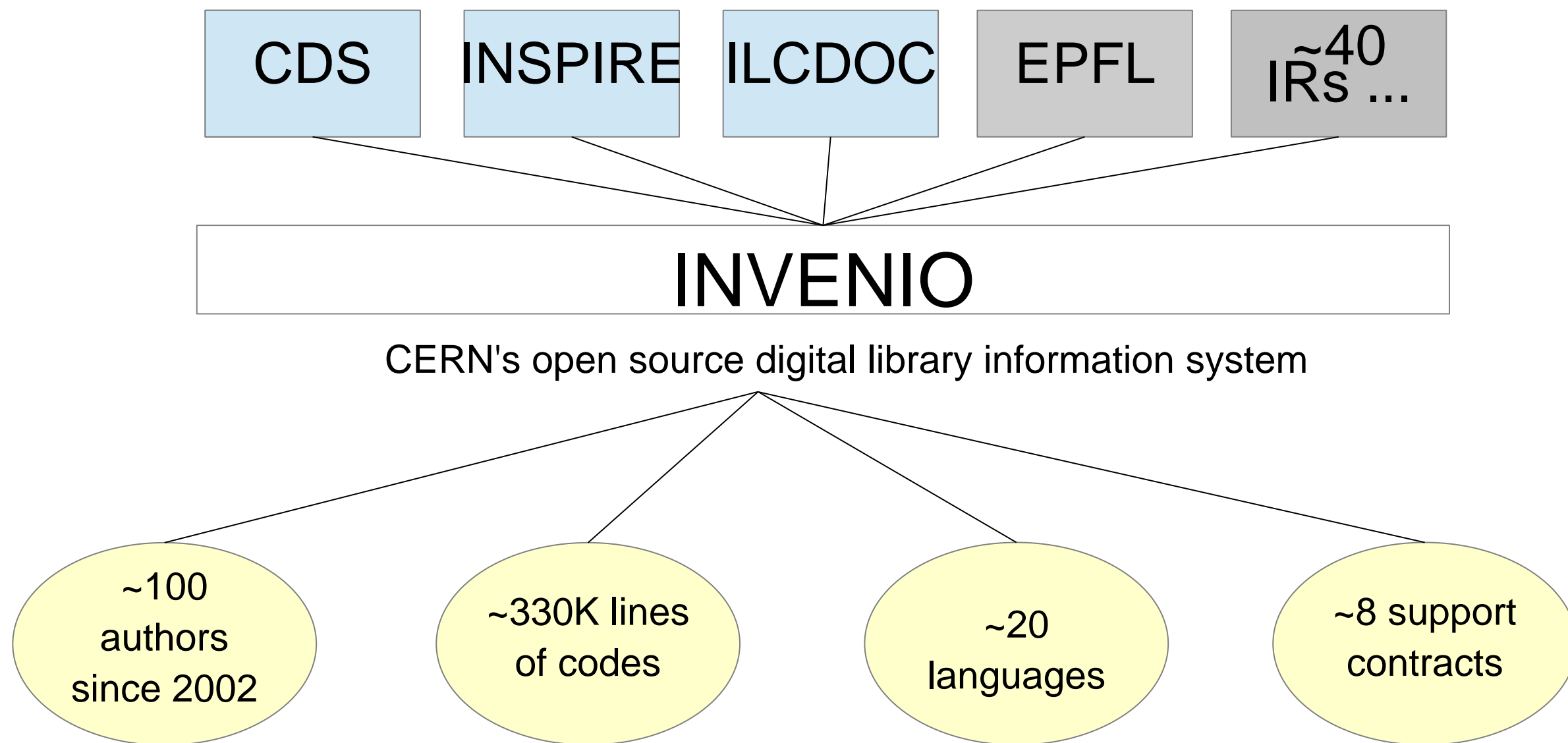


CERN
Departments
& Experiments



Institutes
world-wide

Invenio Service Architecture



Invenio Main Use Cases:

- ◆ Institutional Repository
- ◆ Library System
- ◆ Document Management System
- ◆ Multimedia Library
- ◆ Digital Archive
- ◆ Object Catalog

Invenio and Indico

- How Indico and Invenio connects:
 - ◆ Invenio as a *search engine*
 - ◆ Invenio as a *source of info* for timetable creation
 - ◆ Invenio as a *digital archive* for long term content
- Gateways exist to facilitate admin's life

Invenio as a search engine

Searching from Indico

Europe/Zurich ▾

English ▾

Login



[Home](#) [Create event ▾](#) [Help ▾](#)

Main categories

[View ▾](#) | [Create ▾](#)

Click on a category to start browsing through the hierarchy

[Linear Collider Collaboration](#) 8 events

[Conference and Workshops](#) 95 events

[Machine Design](#) 1,808 events

[Detector Design & Physics Studies](#) 1,885 events

[Institutions](#) 1,047 events

[ILC-related Presentations Given at non-ILC Specific Events](#) 35 events

[Test Area](#) 56 events

News

[View news history](#)

Upcoming events

[European Linear Collider Workshop ECFA LC2013](#)
ongoing till Friday 18:00

[ILC Higgs White Paper](#)
starts Wednesday 8:00

[LCTPC Collaboration Meeting](#)
starts Friday 14:00

[ILD ECAL meeting](#)
starts 3 Jun

Invenio as a search engine



ILC Document Server

guest :: login

Search

Submit

Personalize ▼

Help

Search 33,215 records for:

any field

Search

Browse

Search Tips :: Advanced Search

ABOUT THIS SITE

Welcome to the International Linear Collider (ILC) Document Server.

SEE ALSO

ILC Agenda
ILC-EDMS
ILC Home Page

Narrow by collection:

- ☒ **Documentation** (2,097)
Articles & Preprints (1,936) Publications & Notes (110) Internal Documents (51)
- ☒ **Communication** (390)
Letters (1) Memos (6) Minutes (216) MOUs (2) Newsletters (153) Press (12)
- ☒ **Conferences & Meetings** (30,558)
Announcements (8) Talks & Contributions (26,367) Events (4,183)
- ☒ **Engineering & Drawings** (1)
Drawings (1)
- ☒ **Multimedia** (147)
Pictures (136) Video (6) Brochures (2) Posters (3)
- ☐ **Test Area** (22) [restricted]
Test Documents (22)

Focus on:

- Accelerator Design & Technology** (481)
ILC General (459) ILC Beamline Areas (50) ILC Global Systems (16) ILC Technical Systems (24) GDE Organization (214) ILC Management (29)
- Physics & Detectors** (65)
Physics & Detectors - General (35) Detector Concepts (18) Detector Components (29) Detector R&D (2) Detector Management (14) Physics Analysis & Software (6) Physics Theory (4)
- Other** (14)
Test Beam Facilities (3) Software Tools (3) Laboratories, Institutes & Universities (8)

SEARCH ALSO:

- ☐ CERN Indico ↗
- ☐ SPIRES HEP ↗

Searching ILC Indico content from Invenio

Searching another Indico instance

[Search](#)[Submit](#)[Personalize ▼](#)[Help](#)[Home > Conferences & Meetings](#)

Conferences & Meetings

Search 30,558 records for:

[any field ▼](#)[Search](#)[Browse](#)[Search Tips :: Advanced Search](#)

Narrow by collection:

- ☒ Announcements (8)
- ☒ Talks & Contributions (26,367)
- ☒ Events (4,183)

SEARCH ALSO:

- ☐ CERN Indico [↗](#)
- ☐ SPIRES HEP [↗](#)

ABOUT CONFERENCES & MEETINGS

This collection is the
harvesting of metadata
from the ILCagenda
Server.

Invenio as a search engine

[Search](#)
[Submit](#)
[Personalize ▼](#)
[Help](#)

[Home](#) > [Conferences & Meetings](#) > [Talks & Contributions](#)

Talks & Contributions

Search 26,367 records for:

any field ▼

[Search](#)
[Browse](#)

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

ABOUT TALKS & CONTRIBUTIONS

List of talks that are stored on the ILCagenda system, in the form:

TITLE

Speaker / MeetingSeries / Date

File(s)

Clicking on TITLE you will be redirected to the ILCagenda website.
Clicking on the Speaker name you will see all the talks stored on ILCagenda, given by the Speaker.
Clicking on MeetingSeries you will be redirected to the ILCagenda website and see the meeting details.
Clicking on the file name(s) you can see/download the contribution(s) (slides/material/document/...).

Latest additions:

- | | |
|---------------------|--|
| 2013-04-25
02:08 | Preparations for Ecm=250 GeV Simulation
Schram Malachi / SiD Benchmarking / Thu, 25 Apr 2013

Detailed record - Similar records |
| 2013-04-25
02:08 | vvh, h->cc
Neal Homer / SiD Benchmarking / Thu, 25 Apr 2013

Detailed record - Similar records |
| 2013-04-24
09:24 | White Paper Timeline, Snowmass Luminosity
Barklow Timothy ; Miyamoto Akiya / ILC Higgs White Paper / Wed, 24 Apr 2013

Detailed record - Similar records |

SEARCH ALSO:

- ☐ [CERN Indico](#) ↗
- ☐ [SPIRES HEP](#) ↗

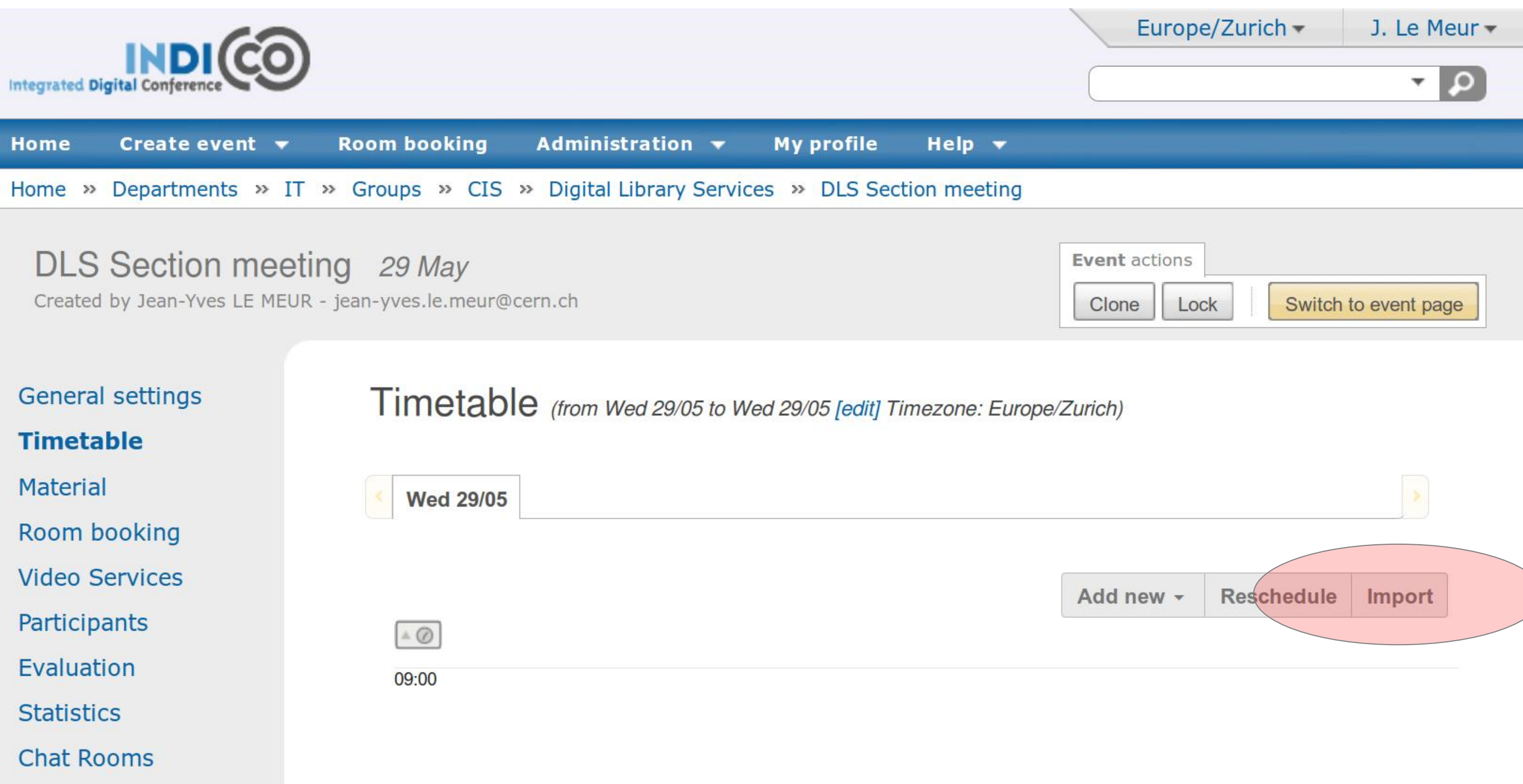
Invenio as a search engine

Demo:

<http://ilcagenda.linearcollider.org/>

Invenio as a source of info

Indico can create timetable with Contributions imported from Invenio records.



INDICO
Integrated Digital Conference

Europe/Zurich J. Le Meur

Home Create event Room booking Administration My profile Help

Home » Departments » IT » Groups » CIS » Digital Library Services » DLS Section meeting

DLS Section meeting 29 May
Created by Jean-Yves LE MEUR - jean-yves.le.meur@cern.ch

Event actions
Clone Lock Switch to event page

General settings
Timetable
Material
Room booking
Video Services
Participants
Evaluation
Statistics
Chat Rooms

Timetable (from Wed 29/05 to Wed 29/05 [edit] Timezone: Europe/Zurich)

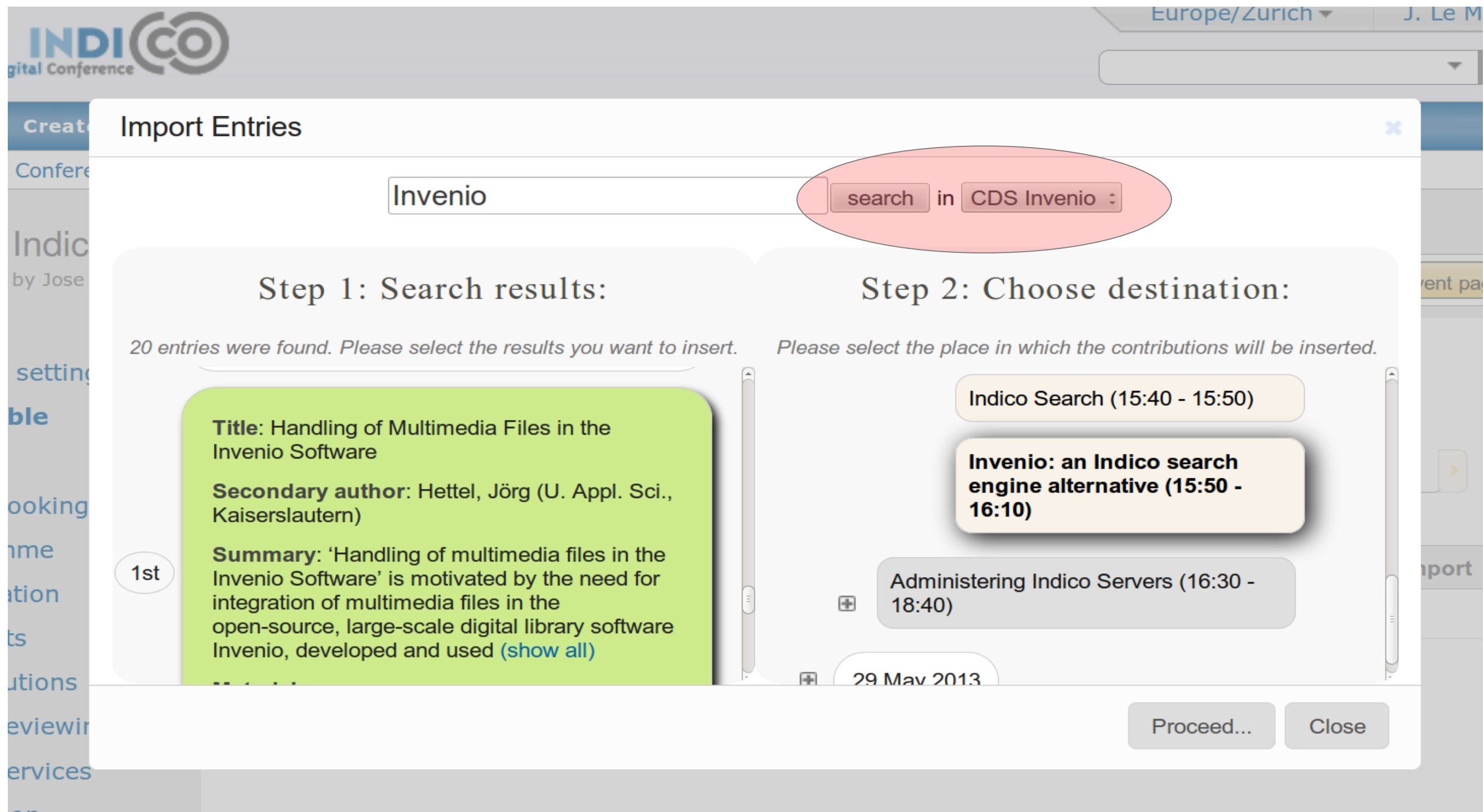
Wed 29/05

09:00

Add new Reschedule **Import**

Invenio as a source of info

Proposes to insert results from a given Invenio instance query into the agenda



Import Entries

Invenio in

Step 1: Search results:
20 entries were found. Please select the results you want to insert.

Title: Handling of Multimedia Files in the Invenio Software
Secondary author: Hettel, Jörg (U. Appl. Sci., Kaiserslautern)
Summary: 'Handling of multimedia files in the Invenio Software' is motivated by the need for integration of multimedia files in the open-source, large-scale digital library software Invenio, developed and used ([show all](#))

Step 2: Choose destination:
Please select the place in which the contributions will be inserted.

Indico Search (15:40 - 15:50)
Invenio: an Indico search engine alternative (15:50 - 16:10)
 Administering Indico Servers (16:30 - 18:40)
 29 May 2013

Invenio as a digital archive of Indico content

- **Need** from libraries to collect conference content: for bibliographies, annual reports, preservation, etc
- **Need** from organizations to group/harmonize all types of documents (papers, photos, plots, slides, etc)
- The *Indico2Invenio* gateway:
 - ◆ Uses the Indico export mechanism
 - ◆ Selective harvesting by Invenio administrators of Indico categories/events/contributions

Invenio as a digital archive of Indico content

Command-line *indico2invenio* robot offers many options:

```
27/05/13 16:09 jeanyves @ pcudssx1502 /soft/cdsweb/bin $
27/05/13 16:09 jeanyves @ pcudssx1502 /soft/cdsweb/bin $ python indico2invenio --help
usage: indico2invenio [options]

options:
  -h, --help                show this help message and exit
  -q, --quiet               don't print any status messages to stdout
  -v, --verbose             print detailed status messages to stdout
  -p, --pretend             don't really upload any records on Invenio
  --event                  treat this as an Indico event
  --category               treat this as an Indico category
  -i INDICO_ID, --indico-id=INDICO_ID
                           the Indico ID to harvest
  -u INDICO_URL, --indico-url=INDICO_URL
                           the Indico URL to harvest
  -f FILE, --xml-file=FILE
                           the path to an XML file to parse
  --events-collection-name=EVENTS_COLLECTION_NAME
                           optionally, provide the collection name for the events
  --events-collection-query=EVENTS_COLLECTION_QUERY
                           optionally, provide the collection query for the
                           events
  --contributions-collection-name=CONTRIBUTIONS_COLLECTION_NAME
                           optionally, provide the collection name for the
                           contributions
  --contributions-collection-query=CONTRIBUTIONS_COLLECTION_QUERY
                           optionally, provide the collection query for the
                           contributions
  --from=FROM_DATE         optionally, provide a lower date limit (format:YYYY-
                           MM-DD[THH:MM])
  --to=TO_DATE             optionally, provide an upper date limit (format:YYYY-
                           MM-DD[THH:MM])
  --only-events            only process the event(s)
  --only-contributions     only process the contributions for the given event(s)
  --profile=PROFILE        which profile should be used to fetch the information?
  --list-profiles          list the available profiles
27/05/13 16:10 jeanyves @ pcudssx1502 /soft/cdsweb/bin $
27/05/13 16:10 jeanyves @ pcudssx1502 /soft/cdsweb/bin $
```

Invenio as a digital archive of Indico content

- *Indico2Invenio* Pre-requisites:
 - Mapping the Indico tags to Invenio MARC21 standard
 - Decide the strategy: *one-shot* harvesting or regular updates (who is Master ?)
 - Decide how files are treated: uploaded or linked or *both*
 - Set up secret key for the harvesting of restricted categories

Institutional document Repository: CDS

Search 1,148,365 records for:

 any field

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

NEW CDS is running a user satisfaction survey. Please take some time to [answer a few questions](#) and help us improve CDS. Thanks!

Narrow by collection:

- ☒ **Articles & Preprints** (999,323)
 - [Published Articles](#) (326,403) [Preprints](#) (605,335)
 - [Theses](#) (17,810) [Reports](#) (5,609) [CERN Notes](#) (25,260)
 - [Committee Documents](#) (23,486)
- ☒ **Books & Proceedings** (77,491)
 - [Books](#) (50,150) [Proceedings](#) (17,418) [Standards](#) (9,927)
- ☒ **Presentations & Talks** (18,488)
 - [Conference Announcements](#) (15,355) [Academic Training Lectures](#) (666) [Summer Student Lectures](#) (832) [General Talks](#) (1,633) [Videotapes](#) (285)
- ☒ **Periodicals & Progress Reports** (2,454)
 - [Periodicals](#) (2,219) [Progress Reports](#) (252)
- ☒ **Multimedia & Outreach** (56,953)
 - [Photos](#) (14,487) [Videos](#) (1,472) [Press](#) (33,726) [Audio Archives](#) (439) [Exhibition Objects](#) (186) [Posters](#) (540)
 - [Brochures](#) (142) [HEP Institutes](#) (2,963) [Experiments at CERN](#) (968) [Internet Resources](#) (2,030)

Focus on:

- CERN Articles & Preprints** (100,139)
 - [CERN Published Articles](#) (54,886) [CERN Preprints](#) (16,805) [CERN Theses](#) (3,925) [CERN Reports](#) (1,131) [Committee Documents](#) (23,486)
- CERN Series** (17,096)
 - [CERN Annual Reports](#) (2) [CERN Yellow Reports](#) (1,139) [CERN Theory](#) (12,985) [Academic Training Lectures](#) (666) [Summer Student Lectures](#) (832) [General Talks](#) (1,633)
- CERN Departments** (79,319)
 - [Technology Department \(TE\)](#) (153) [Finance and Procurement \(FP\)](#) (1,452) [Physics \(PH\)](#) (39,381)
 - [Accelerator Technology \(AT\)](#) (5,205) [Accelerators & Technology Sector](#) (19,719) [Technical Support \(TS\)](#) (1,386) [Information Technology \(IT\)](#) (4,831) [Human Resources \(HR\)](#) (954)
 - [Engineering Department \(EN\)](#) (302) [Beams Department \(BE\)](#) (698) [Secretariat-General \(SG\)](#) (11,294)
- CERN Experiments** (31,464)
 - [LHC Experiments](#) (24,812) [Fixed Target Experiments](#) (159) [Recognized Experiments](#) (650) [LEP Experiments](#) (5,563) [PS Experiments](#) (289)
- CERN R&D Projects** (2,144)
 - [EU Projects](#) (1,319) [CERN Accelerator R&D Projects](#) (1,138)
- Archives** (33,995)
 - [CERN Archives](#) (29,474) [Pauli Archives](#) (3,808) [DSU Archives](#) (713)

Search also:

- ☐ [CERN Indico](#) ↗
- ☐ [KISS Preprints](#) ↗
- ☐ [SPIRES HEP](#) ↗

Harvested content feeds
“Presentation & Talks”collections

Conclusion

- Indico & Invenio: two sister open source apps
- Many interactions can be set up between the two applications, in the two directions
 - Benefic to end-users for a refined search experience
 - Useful to libraries for harmonized content
- Top goal of the 2004 EU Project [Indico confId=2](#)

“Enlarging access to scientific conference content & Long term archiving of meetings material”

can be reached !

Thanks for your attention.

More at invenio-software.org

Questions are welcome