



národní  
úložiště  
šedé  
literatury

## **Centrální rozhraní NUŠL v systému FAst search**

Kocourek, Pavel  
2011

Dostupný z <http://www.nusl.cz/ntk/nusl-82073>

Dílo je chráněno podle autorského zákona č. 121/2000 Sb.

Tento dokument byl stažen z Národního úložiště šedé literatury (NUŠL).

Datum stažení: 02.07.2022

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**FAST BASED CENTRAL SEARCH INTERFACE  
NATIONAL REPOSITORY OF GREY  
LITERATURE  
[2011]**

4. ročník Semináře ke zpřístupňování šedé literatury – 10/2011

Pavel Kocourek, INCAD

## **AIM OF NUSL UI [2009-2011+]**

PROVIDE NATIONAL REPOSITORY OF GREY LITERATURE - NRGL - WITH STABLE

**SINGLE POINT OF ACCESS INTERFACE FOR SEARCH, NAVIGATION AND INFORMATION SHARING,**

WHICH INTEGRATES HETEROGENOUS DATA SOURCES AND DOCUMENT FORMATS

# INSPIRATION- CERN DOCUMENT SERVER



European Organization for Nuclear Research

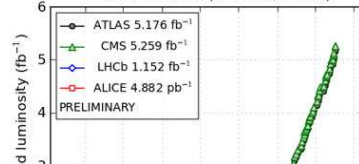
English Français


## LHC reaches proton collision targets

18 Oct 2011

### LHC 2011 RUN (3.5 TeV/beam)



#### INFORMATION FOR:

CERN staff and users  
Journalists  
Kids  
Our neighbours

#### INFORMATION ABOUT:

CERN in a nutshell  
Science at CERN  
Research at CERN  
The Large Hadron Collider (LHC)  
People at CERN  
Education at CERN  
CERN and the environment

Advanced search [help](#)

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Search

Search in:  WebPages  People  CDS  Indico  TrunkPages

Searched for: All the words: **neutrino** Only search in: [All WebPages](#) [People](#) [CDS](#) [Indico](#) [TrunkPages](#)  
 Found: 43566 | CDS (19240) | Indico (11834) | WebPages (7219) | TrunkPages (338) **43566** documents found in 31 ms - showing 1 - 10 [Next >>](#)  
 Sort by: Relevance | Date | Size | Reverse

- 1 [Cafe-neutrino meetings \(6 kb\)](#)  
Cafe-neutrino meeting minutes ... December 01 - 14 Cafe-neutrino mailing list: members Back to main page ...  
[http://muonstoragings.web.cern.ch/muonstoragings/cafeneutrino/](#) - [End email](#) - [Exclude email](#)
- 2 [Neutrino Interactions \(847 kb\)](#)  
Neutrino Interactions at High Energies March 1, 2009 See also B. Pontecorvo: Works and Photoalbum E-mail: george.pontecorvo@cern.ch Back to Srinov G. I. home page  
[http://cern.ch/gamov/neutrino/lanus.html](#) - [End email](#) - [Exclude email](#)
- 3 [CHORUS - CERN WA95 neutrino oscillation experiment \(1 kb\)](#)  
... After four years of operation the data acquisition for CHORUS ended on Nov. 10, 1997; please a look at displays of the very last event ... and our very first neutrino interaction in the emulsion (taken on May 5, 1994)  
[http://cern.ch/chorus/](#) - [End email](#) - [Exclude email](#)
- 4 [Linac-Based Proton Driver for a Neutrino Factory \(H\) \(8 kb\) CDS id: 1227854](#)  
A Neutrino Factory Proton Driver based on a superconducting proton linac has been... three and one) are also presented. Linac-Based Proton Driver for a Neutrino Factory Garoby, R. Benedetto, E. Aiba, M. Meddahi, M.  
[http://cdsweb.cern.ch/record/1227854/](#)
- 5 [Neutrino Factory notes \(2 kb\)](#)  
Neutrino Factory notes - C. Rogas & G. Prior - "Review of the Neutrino Factory Muon Front End" CERN-ATS-Note-2011-03...\_at... "Linac Based Proton Driver for a Neutrino Factory" CERN-INFACCT-Note-157...  
[http://muonstoragings.web.cern.ch/muonstoragings/notes.html](#) - [End email](#) - [Exclude email](#)

Beam stability in the CDS-Division Driver accelerator for a Neutrino Factory at CERN ICAT rmc.16-1229101

Use these Navigators to filter your results

People

Formats

Timestamp

Size

Language

---

Refine your search using these keywords found in the results

neutrino factory (6.40)

proton driver (1.0)

based on (11.52)

Search

[CDS](#) [Indico](#) [Library](#) [Bulletin](#) [EDMS](#)

[https://inspirehep.net/literature/1000000/LinacBasedProtonDriverforaNeutrinoFactory](#)

Internal Note and Preprint

Report number: CERN-INFACCT-Note-157 ; CERN-NEUTRINO-FACTORY-NOTE-157

Title: **Linac-Based Proton Driver for a Neutrino Factory**

Author(s): [Garoby, B.](#) (CERN) ; [Benedetto, E.](#) (CERN) ; [Aiba, M.](#) (CERN) ; [Meddahi, M.](#) (CERN)

Imprint: 01 Dec 2009. - 4 p.

Subject category: Accelerators and Storage Rings

Abstract: A Neutrino Factory Proton Driver based on a superconducting proton linac has been designed in the CERN context. The 5 GeV/4 MW H- beam from the linac is accumulated using charge exchange injection in a fixed-energy synchrotron and afterwards transferred to a compressor ring, where bunch rotation takes place. The lattices of the accumulator and compressor are described, as well as magnet technology and RF manipulations. Critical issues related to charge-exchange injection, space-charge effects in the compressor and beam stability in the accumulator, are addressed. The analysis is focused on the baseline scenario, which provides 6 bunches on the target. Results of preliminary analysis of options with less bunches (three and one) are also presented.

Submitted by: [delphine.rivoiron@cern.ch](mailto:delphine.rivoiron@cern.ch)

Record created 2009-12-10, last modified 2010-03-27 [Similar records](#)

# NUSL 2010 – 2011

## IMPLEMENTATION

System is in production  
CDS Invenio + MS FAST

Index / Search / Entity extraction

## SEARCH SYSTEM

Microsoft FAST Search for Internet Sites [



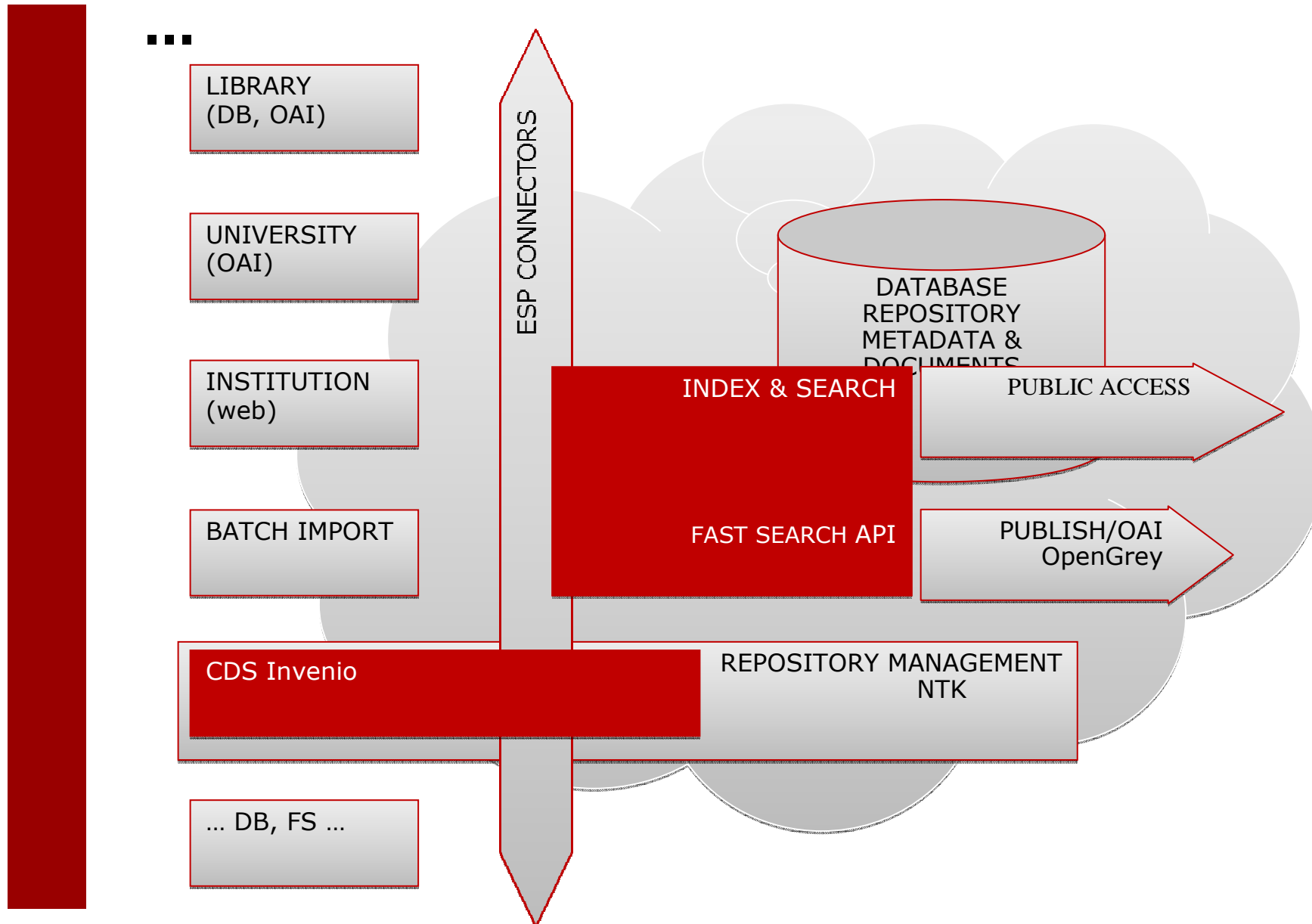
## CHANGES SINCE 2010 - UI

### Data

- **100+ k records 10.2011**
- 2010-11 + 50 %
- **68 institutions**

### User interface

- Full text documents
- Dynamic navigations
- Record identifiers
- Query statistics
- UI improvements



# NAVIGATIONS

Facets / Navigations / Filtres

- Institution [source]
- Document type
- Publishing date – Timeline
- People [authors]
- Keywords
- Document format
- Language
- ...



**Typ dokumentu**

- [Vysokoškolské práce](#)
- [Konferenční materiály](#)
- [Zprávy](#)
- [Firemní literatura](#)
- [Ostatní](#)
- [Autorské práce](#)

**Osoby**

- [Červenka, Jan \(289\)](#)
- [Charbuský, Miloš \(275\)](#)
- [Gullová, Soňa \(268\)](#)
- [Taušer, Josef \(243\)](#)

[zobrazit více ...](#)

**Klíčová slova**

- [marketing \(834\)](#)
- [evropská unie \(643\)](#)
- [czech republic \(579\)](#)
- [Česká republika \(551\)](#)

[zobrazit více ...](#)

**Formát**

- [text \(128\)](#)
- [video \(20\)](#)
- [obraz \(1\)](#)

**Jazyk**

- [český \(79329\)](#)
- [anglický \(13943\)](#)
- [slovenský \(1739\)](#)
- [francouzský \(60\)](#)
- [polský \(5\)](#)



# CENTRAL UI

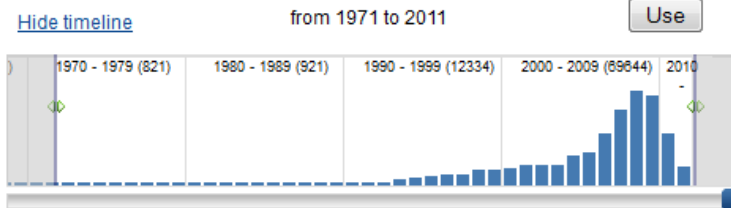



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HELP

Universities (63697) | Institutes ASCR (22156) | Libraries (10026) | Miscellaneous (21)

Number of found documents: 100262 1 2 3 4 5 6 Next



- Other bases**
- [WorldWideScience.org](#)
  - [OpenGrey](#)
  - [DRIVER](#)
  - [PUMA](#)

**Document type**

- University works (ETDs)
- Conference materials
- Reports
- Trade literature
- Other
- Author works
- Autorské práce

**People**

Červenka, Jan (289)  
 Charbuský, Miloš (275)  
 Gullová, Soňa (268)  
 Taušer, Josef (243)

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**Keywords**

[czech republic \(499\)](#)  
[financial analysis \(454\)](#)  
[tourism \(383\)](#)  
[education \(381\)](#)

[show more ...](#)

**Format**

[text \(128\)](#)  
[video \(20\)](#)  
[obraz \(1\)](#)

- Analyza vztahu genetických marketů a užitkových vlastností skotu.**  
 JÁŠKOVÁ, Iva;  
 Jihočeská univerzita v Českých Budějovicích 2013
- Využití Operačního programu Doprava pro rozvoj dopravní infrastruktury v České republice**  
 VACEK, Vladimír; HRABÁNKOVÁ, Magdalena  
 Jihočeská univerzita v Českých Budějovicích 2011
- Archivy konsorcií z projektů NTK v režimu Posttermination Access**  
 Římanová, Radka;  
 Národní technická knihovna 2011
- Libeň - proměny průmyslové čtvrti.** Témata: co je průmyslová krajina, jak se měnila od poloviny do konce 20. století a jakou stopu zanechaly tyto procesy v krajině dnešní.  
 Horčáková, Václava;  
 Historický ústav 2011
- Průmyslová krajina jako kulturní dědictví. Program konference.**  
 Chodějovská, Eva;  
 Historický ústav 2011
- Průmysl v české krajině na mapách 1:75 000. (Konec 19., počátek 20. století).** Témata: co je průmyslová krajina, jak se měnila od poloviny do konce 20. století a jakou stopu zanechaly tyto procesy v krajině dnešní.  
 Semotanová, Eva; Havelková, Marcela  
 Historický ústav 2011
- Průmyslová krajina jako kulturní dědictví.**  
 Erotismus v románech Pavla Kohouta  
 Eroticism in Pavel Kohout's Novels Tato práce

## WHATS ON THE LIST ...

### UI improvements

- Federated search
- Recommendations
- query completion
- Optimisation based on usage statistics  
Invenio/FAST
- ...

...

Thank you

