

Lars Holm Nielsen

CERN/IT

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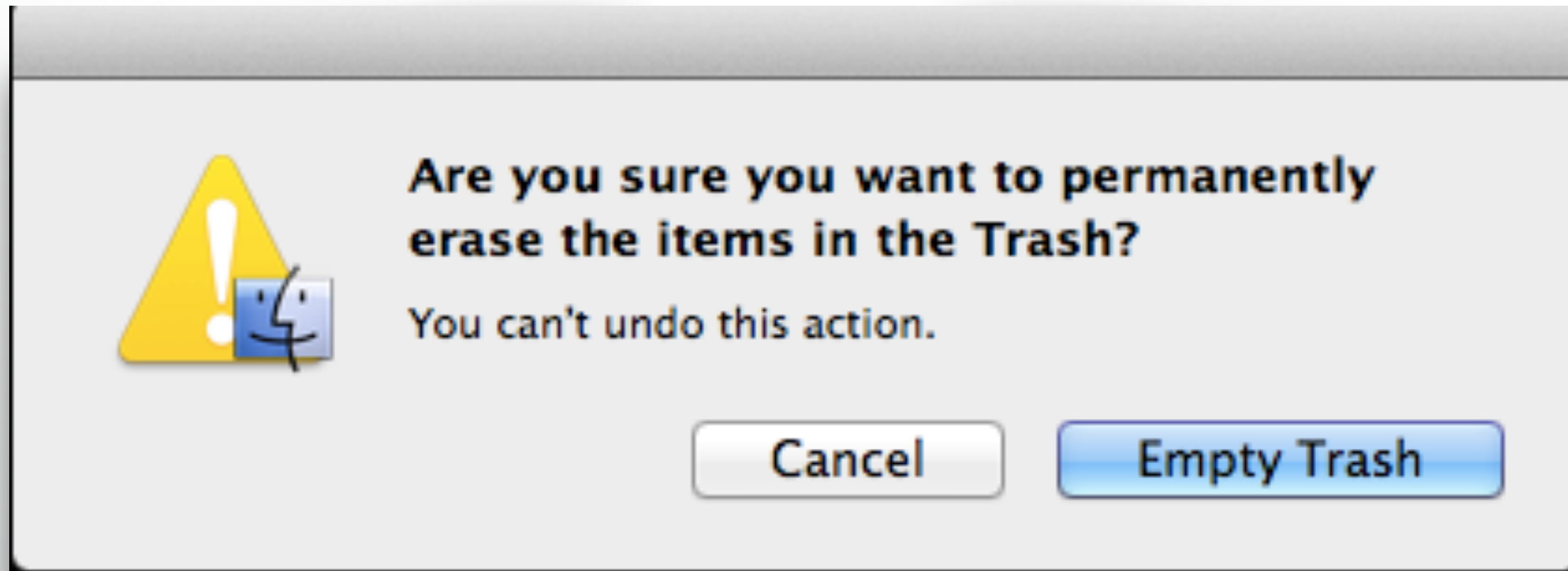
zenodo

Research. Shared.



Lost USB stick







Archiving

Crediting

Publish
or
perish
perish

20%

store data in a
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1.000.000(.000) GBs

Long tail of science

CERN
LHC
Archive

Hard

No Credit

Hard

No Credit

Data journals





Hard

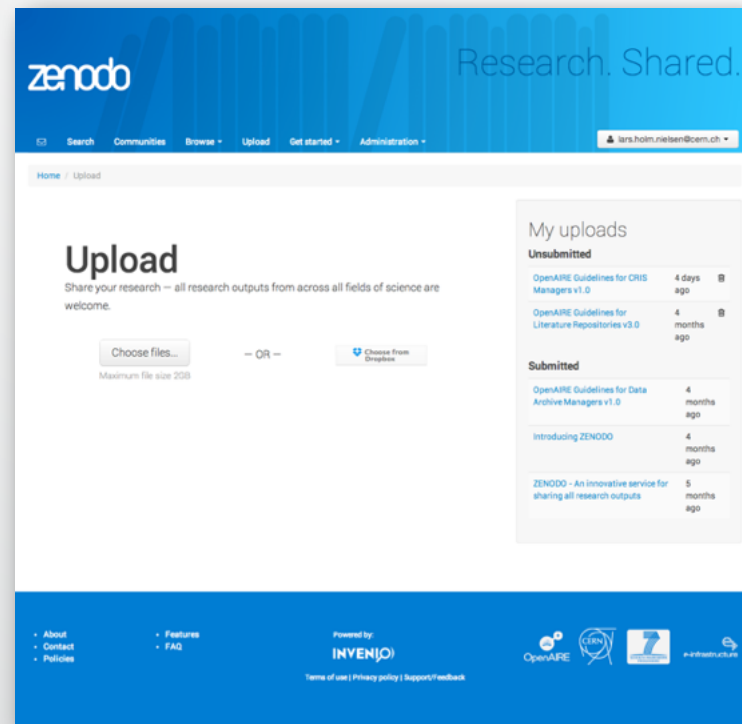
No Credit

Data journals

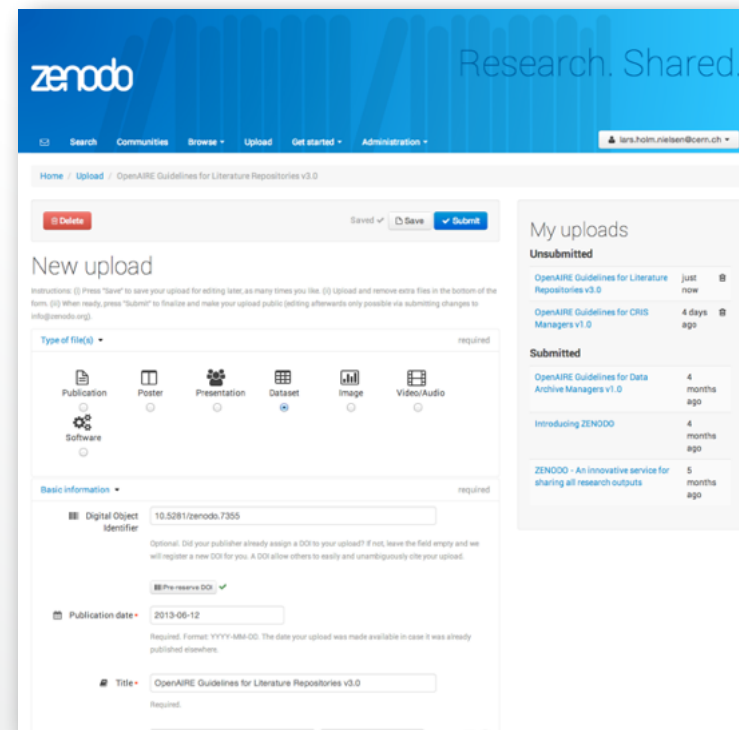
First step:

Capture content

Upload




Describe




Publish



Upload

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You currently have no uploads.

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Maximum file size 1GB

Selected files Start upload

4786_001.pdf	72 KB	
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 **Dropbox**

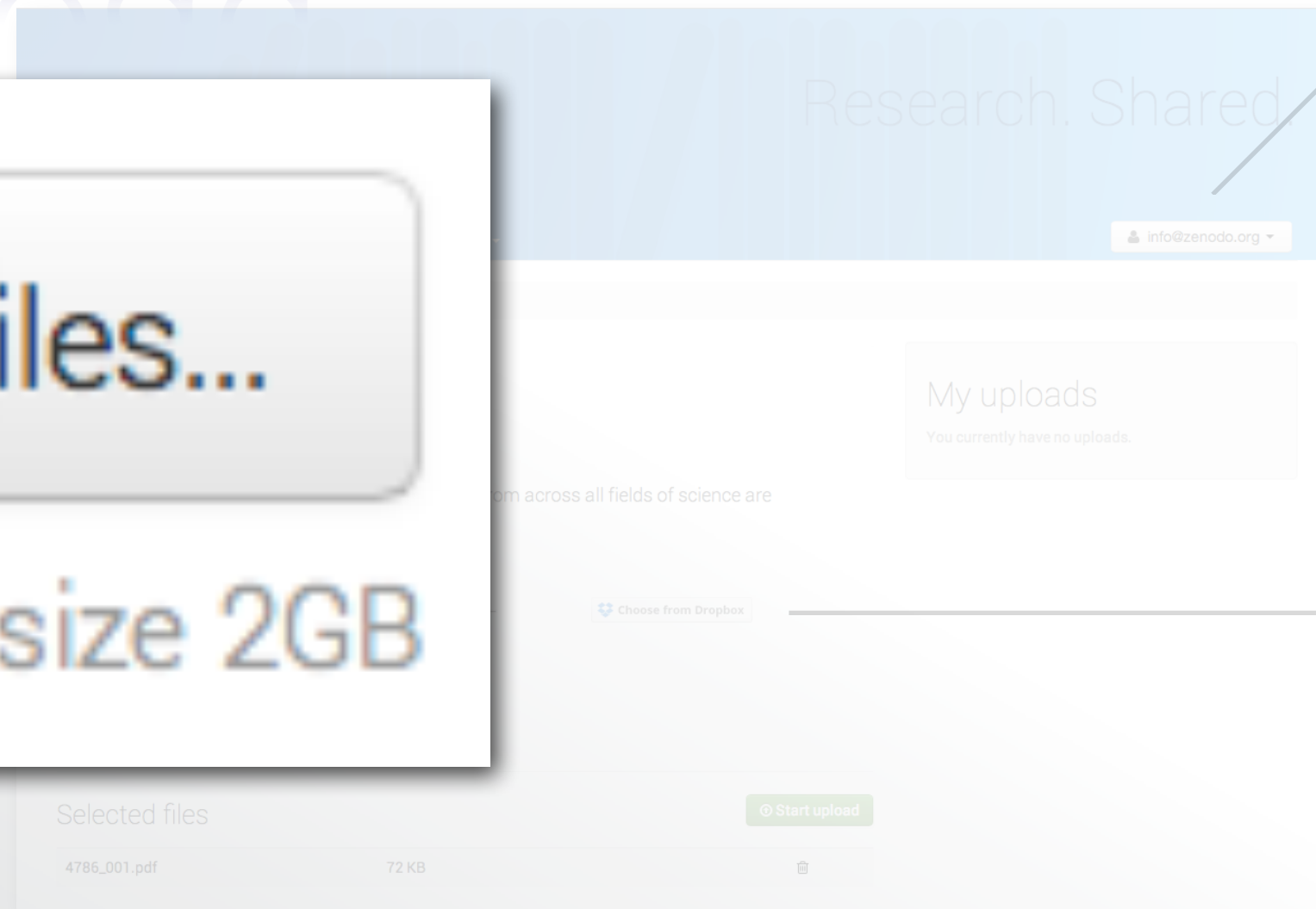
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Upload


Choose files...

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The screenshot shows the Zenodo upload page. At the top right, it says "Research. Shared." and "info@zenodo.org". Below this is a "My uploads" section with the text "You currently have no uploads." A "Choose from Dropbox" button is visible. At the bottom, there is a "Selected files" table with one entry: "4786_001.pdf" (72 KB). A "Start upload" button is at the bottom right.

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 Sign in with ORCID




 Choose from Dropbox


Upload

The screenshot shows the Zenodo upload page. At the top, there is a navigation bar with the Zenodo logo and links for Search, Communities, and Upload. Below this, the page title is "Upload" with the subtitle "Share your research — all research welcome." The main content area features a "Choose files..." button with a note "Maximum file size 1GB". To the right of this button is a "Choose from Dropbox" button. Below these buttons is a "Selected files" section containing a table with one entry: "4786_001.pdf" with a size of "72 KB". A "Start upload" button is located to the right of the table.


 **Sign in with GitHub**


 **Sign in with ORCID**

Choose files...
Maximum file size 2GB

 **Choose from Dropbox**

Upload

 Sign in with GitHub

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zenodo Research. Shared

Search Communities Upload Get started

Home / Upload

Upload

Share your research — all research outputs from across the world are welcome.

 My uploads
You currently have no uploads.

Choose files... — OR —

Maximum file size 1GB

Selected files

4786_001.pdf	72 KB
--------------	-------

Choose files...

Maximum file size 2GB

Dropbox

 Choose from Dropbox

Describe

Publication
 Poster
 Presentation
 Dataset
 Image
 Video/Audio

Access right

- Open Access
- Embargoed Access
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Required. Open access uploads have considerably higher visibility on ZENODO.

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zenodo Research. Shared.

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Unsubmitted
Untitled 27 May 2013, 11:09

New upload

Instructions: (i) Press "Save" to save your upload for editing later, as many times you like. (ii) Upload and remove extra files in the bottom of the form. (iii) When ready, press "Submit" to finalize and make your upload public (editing afterwards only possible via submitting changes to info@zenodo.org).

Type of file(s) required

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 Poster
 Presentation
 Dataset
 Image
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Type of publication

Type of image

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Title

Required.

Authors

Required. Format: Family name, First name: Affiliation (one author per line)

Description

Required.

Keywords

Optional. Format: One keyword per line.

Additional notes

Optional.

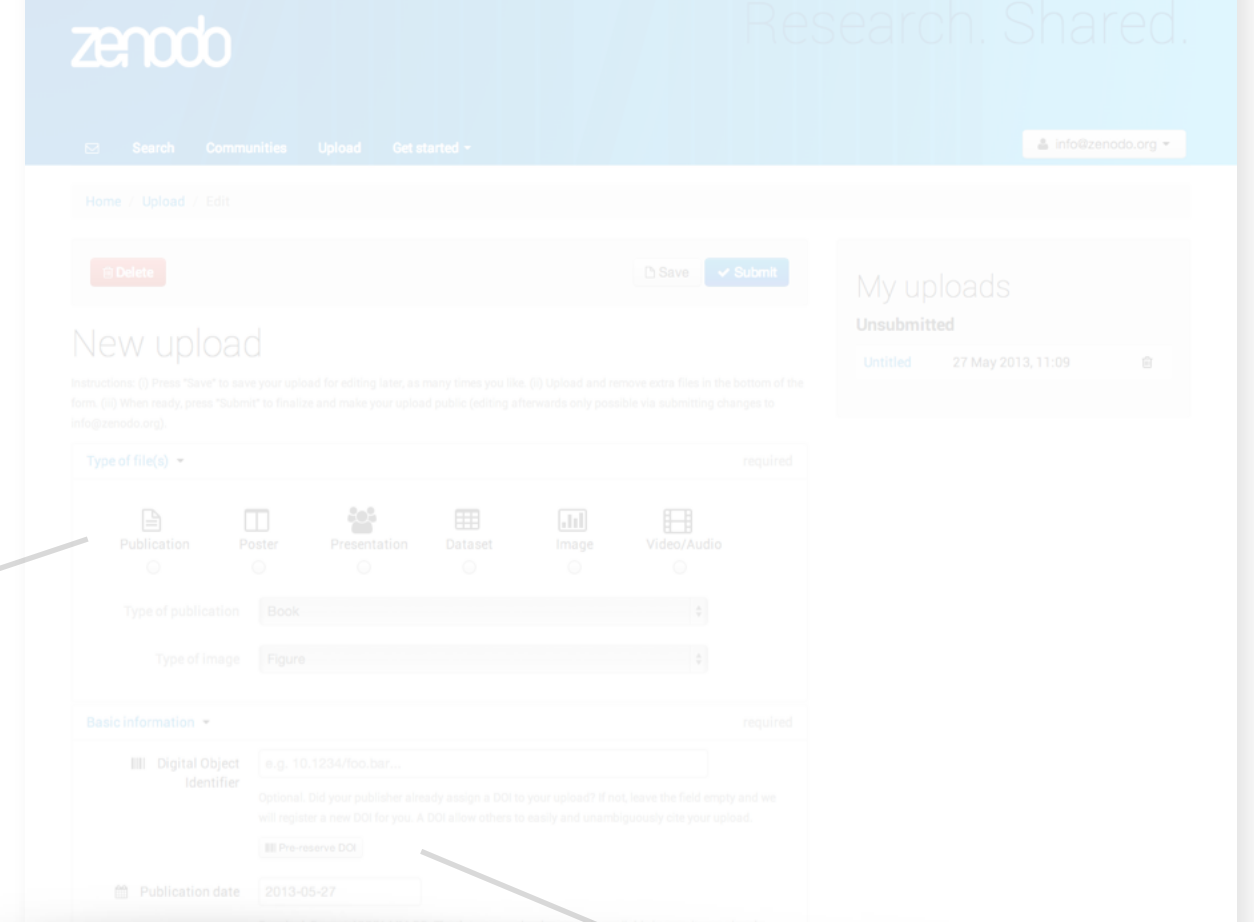
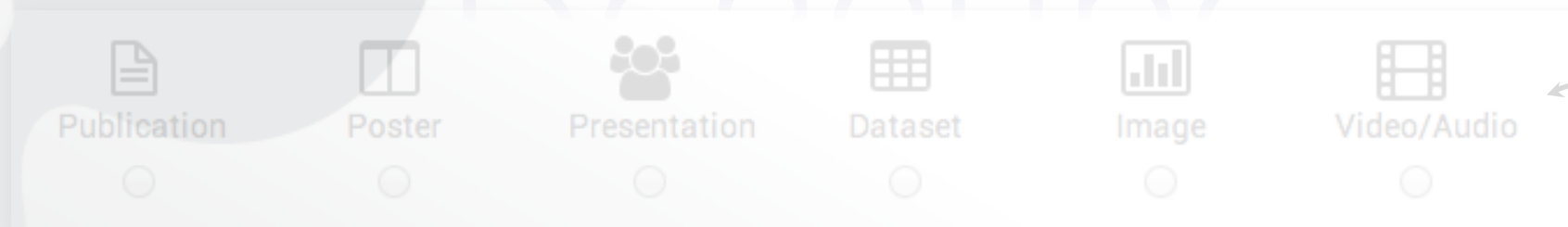
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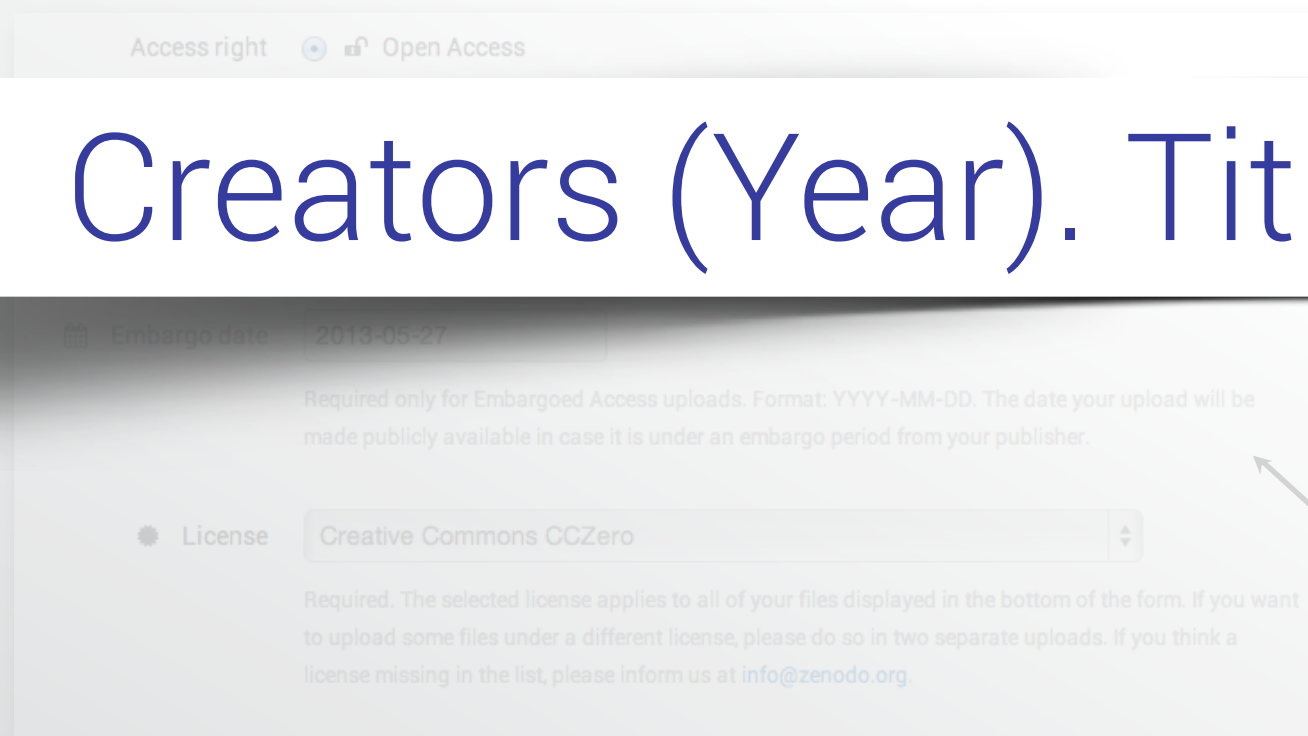
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Describe



Creators (Year). Title. Publisher. Identifier.



Publish

The screenshot shows a Zenodo article page. At the top, the Zenodo logo and 'Research. Shared.' are visible. The article title is 'Branch-specific plasticity enables self-organization of nonlinear computation in single neurons' by Robert Legenstein and Wolfgang Maass. The page includes a 'Journal article' badge, a 'Tweeted by 2' badge, and a '56 readers on Mendeley' badge. The article abstract is visible, along with a 'Files' section showing a PDF file 'LegensteinMaass_2011.pdf' (1.4 MB) with 'Preview' and 'Download' buttons. The 'Grants' section lists 'BRAIN-I-NETS - Novel Brain-Inspired Learning Paradigms for Large-Scale Neuronal Networks (243914)'. The 'Cite as' section provides the citation: 'Legenstein, Robert et al (2011). Branch-specific plasticity enables self-organization of nonlinear computation in single neurons. The Journal of Neuroscience: the official journal of the Society for Neuroscience: 30 (2011) no. 31, pp. 10878-10802. 10.1523/JNEUROSCI.5684-10.2011'. The footer includes 'Powered by INVENIO' and various institutional logos like OpenAIRE, CAPACITIES, and the European Commission.

Article Level Metrics

- Tweeted by 2
- 56 readers on Mendeley
- 2 readers on CiteULike

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Article Level Metrics

DOI:
10.5281/zenodo.6785

Citeable. Discoverable.

Grants:
BRAIN-I-NETS - Novel Brain-Inspired Learning Paradigms for Large-Scale Neuronal Networks (243914)

Link with funding information



The famous auxiliary ship *Great Britain*, of 3343 tons, at Circular Quay, Sydney, 1886. She was the first iron screw steamer in the world and was designed to carry over 600 passengers. On the England-Australia run from 1852 to 1876, she probably brought more settlers to Australia than any other ship. Photo from the author's collection. (See further illustration on page 21-6).

- AASE MAERSEK**, Danish merch ship/tanker, under British wartime control 1941-43 - Official? log, 25.7.41- 6.9.43, ex Newcastle *AA, Syd, SP 458
- ABBERTON**, ship, 451t, John CATT: London,15.4 - St Jago - Sydney, 20.8; 1839 - Diary by John Cane Riddell * LTL, Melbourne, MS 10766, 1850 same, JAMES: London- Plym - Adelaide,29.10, with migrants; - Diary, July - Nov,1850, by Sarah? Ward * MLSA, D 6291(L).
- ABBEY HOLME**, barque, of Liv, W'm BRYCE: Workington,1.10 - **Adelaide**; 1880-81 21.1- Bonfleur,6.8 - Crew List, etc * ML, MS 2344, Box Y4491 1883-84 same?, John H RICH: Lon / E I Docks,1.10 - Launceston, c.3.1 - Account of voyage in Launceston newspaper(s), c. 4.1.1884.
- ABDALLA**, ship? Lon- Plymouth- Sydney, 21.2; -Daily log by BO Rossbach; 1854-55 * Restricted access, HRR1014, c/o Hist. Records Office, NL,Canb.
- ABEL GOWER**, emigrant barque, 313t, William EDEY: London, 25.7 - Port Phillip, 9.11 - Passenger's diary * NMM, Greenwich, JOD / 90.
- ABEL TASMAN**,1933-36, SS? Voyages to Syd. - 6 Off. logs *AA, Syd, SP2 1958-63 MV. -15 Official logs * Australian Archives, Sydney, SP 989.
- ABEMAMA**,1920, sch, 395t, James Patrick Ltd. - 2 Official logs *AA, Syd/ 1923 - Official log, Aust Arch, West Aust, * PP207/2. /SP 2, 1924-25 - Official logs, Hbr & Light Dept records,WA Arch * AN16/6.
- ABONA**, sch/bgn, of HTn,c100t, J.BLACKBURN: HTn,13.12- Adelaide, 1840- & return, Jan1841, via Port Lincoln, with Lady Franklin, pass; -1841 - Notes on S. Aust visit * NL, MS 1148; - Diaries in SP81, Camb, with extracts pub. in * *The Life, Diaries & Correspondence of Lady Jane Franklin,1792-1875*, ed by W Rawnsley (Lon1923).
- ABERCROMBIE ROBINSON**, ex El Co ship,146t, Lon, Feb - Calcutta- Sing- 1835- -Whampoa,& return to Lon, Jun'36. /Anchorage,Bayhill,Dover. -1836 - Account of career of Jn Miller, Ch.Off.* MS, c/o RS Craig,The/ 1842 same,as troopship, of Duncan Dunbar, bound for India. Driven ashore at Table Bay, 28.8.1842, in same gale as Waterloo, q.v.
- ABERCROMBY**,trading sch,143t, J.BUTCHER: Swan R,12.2- Mauritius (Mar) 1838 - Journal by Thos Mellersh, pass * orig in Baitye Library,WA - AJCP M reel 466, - ML, reel FM4/2182. - See also Majestic, ditto, Wm PRETTY/PETLEY - Account of wreck in hurricane off Ile Bourbon (Reunion), 27.6 * in *PPH*, 2.8 - *SMB*, 30.8.45.
- ABERDEEN** ship,1200t, COLE: Boston, USA - **Melb**, and on to Lyttelton? 1863-64 - Journal, 16.9 - 28.1, by C Davie * ATL 0917, 1863-64 P. SS, 3684t?, Charles MATHESON Voyage, London to Aust?; 1882? * *Genealogist*, Dec.1984. - the *ELSY Journal*, Dec.1984, pp 55-56; - *Clippers for the Record*, by M. Matheson, (1984). 1887 same? SS. Voyage to or from Aust? * ML, Syd, MSS 3882.

**Core-collapse Supernova Progenitors
in the Era of Untargeted Transient Searches**

A dissertation presented

by

Nathan Edward Sanders

to

The Department of Astronomy

in partial fulfillment of the requirements

for the degree of

Doctor of Philosophy

in the subject of

Astronomy and Astrophysics

Harvard University

Cambridge, Massachusetts

April 2014



Graphical representations for carbon dioxide:

- [CO2 118-300nm lin.JPG](#)
- [CO2 118-300nm log.JPG](#)
- [CO2 195,295K 118-200nm lin.JPG](#)
- [CO2 195,295K 118-200nm log.JPG](#)
- [CO2 2.056-155nm lin.JPG](#)
- [CO2 2.056-155nm log.JPG](#)
- [CO2 2.056-2.450nm lin.JPG](#)
- [CO2 2.056-69nm lin.JPG](#)
- [CO2 3.666-4.457nm lin.JPG](#)
- [CO2 60-118 nm lin.JPG](#)
- [CO2 evaluation 0.125-201.6nm log.JPG](#)
- [CO2 evaluation 0.125-62.4nm lin.JPG](#)
- [CO2 evaluation 116.5-163.4nm lin.JPG](#)
- [CO2 evaluation 163.4-201.6nm lin.JPG](#)
- [CO2 evaluation 62.4-118.7nm lin.JPG](#)

Wavenumber	Value
2.056	1.096e-18
2.066	1.104e-18
2.077	1.111e-18
2.087	1.125e-18
2.098	1.140e-18
2.109	1.162e-18
2.119	1.184e-18
2.130	1.221e-18
2.141	1.250e-18
2.145	1.261e-18
2.149	1.268e-18
2.153	1.272e-18
2.156	1.275e-18
2.160	1.275e-18

Data files for carbon dioxide:

Structure	Author(Year)	Temperature	Wavelength range	Information
CO2	Barrus(1979)	298K	2.056-2.450nm	Details Data
CO2	Bennett(1971)	295K	58.4nm	Details Data
CO2	BrionTan(1978)	298K	20.7-58.5nm(e,e)	Details Data
CO2	CairnsSamson(1965)	298K	30-104nm	Details Data
CO2	Chan(1993)	298K	6.1-145nm(e,e)	Details Data
CO2	Cook(1966)	295K	60-99.5nm	Details Data
CO2	Heimerl(1970)	295K	165-182nm	Details Data
CO2	Hitchcock(1980)	298K	15.5-155nm(e,e)	Details Data
CO2	HuestisBerkowitz(2010)	300K	0.1254-201.6nm(evaluation)	Details Data
CO2	Ityaksov(2008)	298K	197.70-201.58nm(corr)	Details Data
CO2	Ityaksov(2008)	298K	197.70-270.15nm(meas)	Details Data

CO2	Ityaksov(2008)	298K	197.70-270.15nm(meas)	Details Data
CO2	Ityaksov(2008)	298K	197.70-201.58nm(corr)	Details Data
CO2	HuestisBerkowitz(2010)	300K	0.1254-201.6nm(evaluation)	Details Data
CO2	Hitchcock(1980)	298K	15.5-155nm(e,e)	Details Data



MAX-PLANCK-GESELLSCHAFT

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16 February 2014

Software Open access

MethylExtract release 1.5

Barturen, Guillermo ; Rueda, Antonio ; Oliver, José L ; Hackenberg, Michael

(show affiliations)

MethylExtract main script (*MethylExtract_version.pl*)

The main script of MethylExtract performs methylation profiling and SNV (Single Nucleotide Variant) calling from previously aligned bisulfite-treated reads. The script includes multiple quality-control related features. to.

Estimation of the bisulfite conversion rate (*MethylExtractBSCR_version.pl*) The script calculates the bisulfite conversion rate from an unmethylated genome. In the case of plants, the script can be run with the reads aligned to the chloroplast genome, while in other organisms an unmethylated genome (as the phage lambda) must be added to the experimental setup.

Statistical assessment of the bisulfite conversion rate (*MethylExtractBSPvalue_version.pl*)

The script calculates the error probability (p-value) for each position using the binomial distribution since an error is more likely for the methylation levels. In addition, the Benjamini-Hochberg procedure is used to adjust the p-values for multiple testing.

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Statistical assessment of the bisulfite conversion rate (*MethylExtractBSPvalue_version.pl*) The script calculates the error probability (p-value) for each position using the binomial distribution since an error is more likely for the methylation levels. In addition, the Benjamini-Hochberg procedure is used to adjust the p-values for multiple testing.

Published in

F1000Research

Publication date:

16 February 2014

DOI

DOI 10.5281/zenodo.8351

Related publications and datasets:

Cited by:

10.12688/f1000research.2-217.v1

Collections:

Communities > F1000Research

Software

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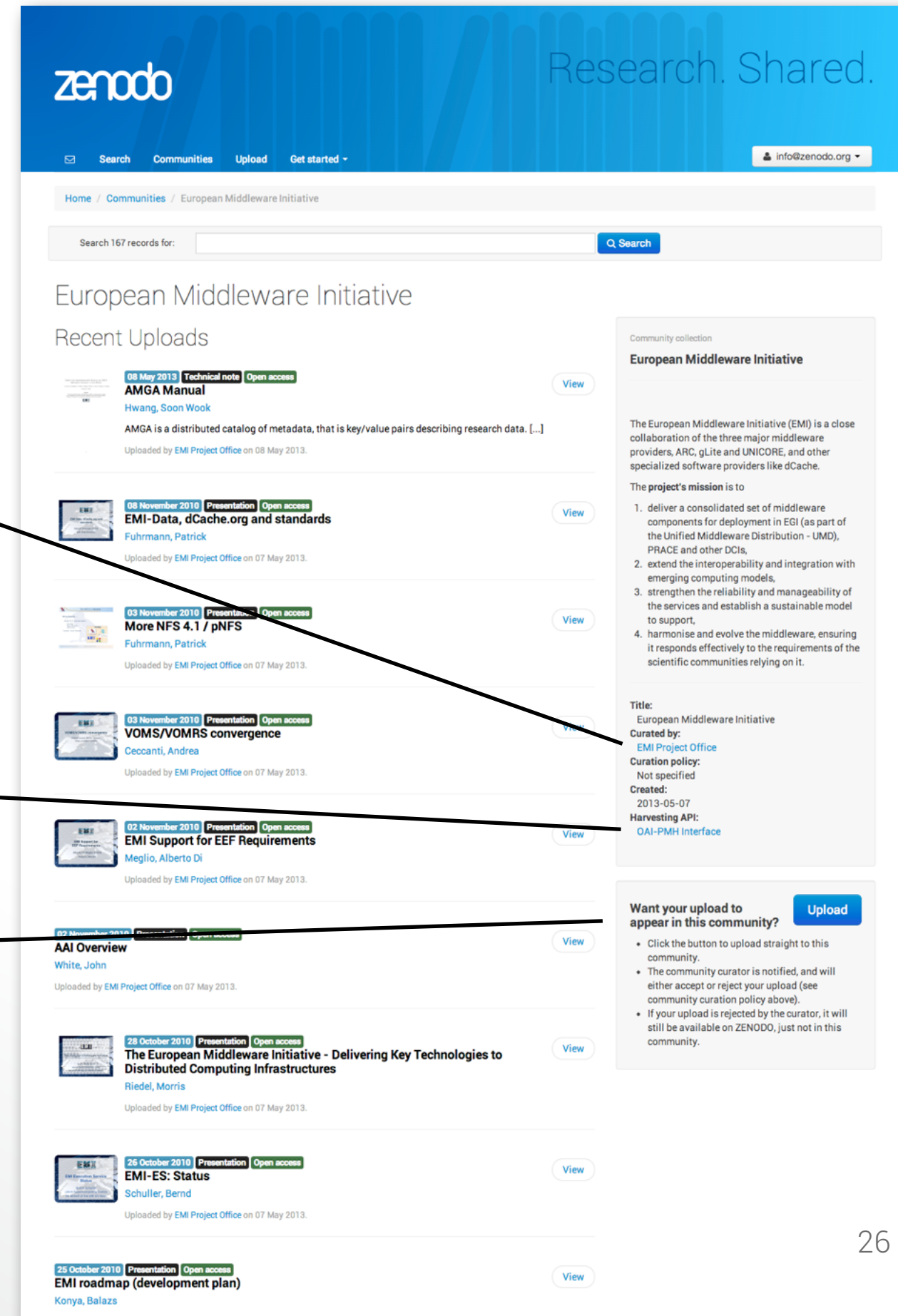
Software

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Collections:

10.12688/f1000research.2-217.v1

Communities



1 **06 May 2013** **Other** **Open access** Accept Reject

Testing
Nielsen, Lars Holm

Testing

Uploaded by [Lars Havard](#) on 06 May 2013.

Accept/reject uploads

Harvesting API:
OAI-PMH Interface

Export

Want your upload
to appear in this
community?

Upload

Direct community upload

Conference Community

The screenshot shows the Zenodo website interface. At the top, the Zenodo logo and the tagline 'Research. Shared.' are visible. Below the navigation bar, a search bar is present. The main content area features a community collection titled 'The 13th HITRAN Database Conference'. A featured upload is highlighted with a 'View' button. The upload details include the date '04 September 2014', the type 'Poster', and the status 'Open access'. The title of the upload is 'A Global Fitting Approach For Doppler Broadening Thermometry', and the authors listed are Amodio, Pasquale; Moretti, Luigi; De Vizia, Maria Domenica; and Gianfrani, Livio. A brief description follows, mentioning a spectroscopic determination of the Boltzmann constant. The upload is attributed to 'CfA Library' and dated '05 September 2014'. On the right side, a detailed view of the community collection is shown, including the title, description of the conference (held June 23-25, 2014, at the Harvard-Smithsonian Center for Astrophysics), and metadata such as title, curator (CfA Library), and curation policy (Not specified).



A&A 558, A33 (2013)
DOI: 10.1051/0004-6361/201322068
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Astronomy
& Astrophysics

Astropy: A community Python package for astronomy

The Astropy Collaboration, Thomas P. Robitaille¹, Erik J. Tollerud^{2,3}, Perry Greenfield⁴, Michael Droettboom⁴, Erik Bray⁴, Tom Aldcroft⁵, Matt Davis⁴, Adam Ginsburg⁶, Adrian M. Price-Whelan⁷, Wolfgang E. Kerzendorf⁸, Alexander Conley⁹, Neil Crighton¹, Kyle Barbary⁹, Demetri Muna¹⁰, Henry Ferguson¹, Frédéric Grollier¹², Madhura M. Parikh¹¹, Prasanth H. Nair¹², Hans M. Günther⁴, Christoph Deil¹³, Julien Woillez¹⁴, Simon Conseil¹⁵, Roban Kramer¹⁶, James E. H. Turner¹⁷, Leo Singer¹⁸, Ryan Fox¹², Benjamin A. Weaver¹⁹, Victor Zabalza¹³, Zachary I. Edwards²⁰, K. Azalee Bostroem⁴, D. J. Burke⁴, Andrew R. Casey²¹, Steven M. Crawford²², Nadia Dencheva⁴, Justin Ely⁴, Tim Jenness^{23,24}, Kathleen Labrie²⁵, Pey Lian Lim⁴, Francesco Pierfederici⁴, Andrew Pontzen^{26,27}, Andy Ptak²⁸, Brian Refsdal⁴, Mathieu Servillat^{29,5}, and Ole Streicher³⁰

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- ¹⁶ ETH Zürich, Institute for Astronomy, Wolfgang-Pauli-Strasse 27, Building HIT, Floor J, 8093 Zurich, Switzerland
- ¹⁷ Gemini Observatory, Casilla 603, La Serena, Chile
- ¹⁸ LIGO Laboratory, California Institute of Technology, 1200 E. California Blvd., Pasadena, CA 91125, USA
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- ²⁰ Department of Physics and Astronomy, Louisiana State University, Nicholson Hall, Baton Rouge, LA 70803, USA
- ²¹ Research School of Astronomy and Astrophysics, Australian National University, Mount Stromlo Observatory, via Cotter Road, Weston Creek ACT 2611, Australia
- ²² SAAO, PO Box 9, Observatory 7935, 7925 Cape Town, South Africa
- ²³ Joint Astronomy Centre, 660 N. A'ohōkū Place, Hilo, HI 96720, USA
- ²⁴ Department of Astronomy, Cornell University, Ithaca, NY 14853, USA
- ²⁵ Gemini Observatory, 670 N. A'ohōkū Place, Hilo, HI 96720, USA
- ²⁶ Oxford Astrophysics, Denys Wilkinson Building, Keble Road, Oxford OX1 3RH, UK
- ²⁷ Department of Physics and Astronomy, University College London, London WC1E 6BT, UK
- ²⁸ NASA Goddard Space Flight Center, X-ray Astrophysics Lab Code 662, Greenbelt, MD 20771, USA
- ²⁹ Laboratoire AIM, CEA Saclay, Bât. 709, 91191 Gif-sur-Yvette, France
- ³⁰ Leibniz-Institut für Astrophysik Potsdam (AIP), An der Sternwarte 16, 14482 Potsdam, Germany

Received 12 June 2013 / Accepted 23 July 2013

ABSTRACT

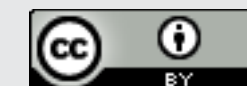
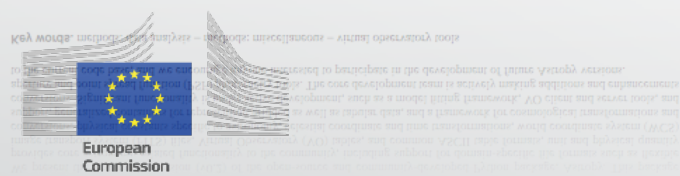
We present the first public version (v0.2) of the open-source and community-developed Python package, Astropy. This package provides core astronomy-related functionality to the community, including support for domain-specific file formats such as flexible image transport system (FITS) files, Virtual Observatory (VO) tables, and common ASCII table formats, unit and physical quantity conversions, physical constants specific to astronomy, celestial coordinate and time transformations, world coordinate system (WCS) support, generalized containers for representing gridded as well as tabular data, and a framework for cosmological transformations and conversions. Significant functionality is under active development, such as a model fitting framework, VO client and server tools, and aperture and point spread function (PSF) photometry tools. The core development team is actively making additions and enhancements to the current code base, and we encourage anyone interested to participate in the development of future Astropy versions.

Key words. methods: data analysis – methods: miscellaneous – virtual observatory tools

Article published by EDP Sciences

A33, page 1 of 9

Article published by EDP Sciences



astro.py / astro.py

Watch 55
Star 239
Fork 181

Main Astropy repository <http://astro.py.org>

7,695 commits
5 branches
14 releases
71 contributors

branch: master
astro.py / +

Merge pull request #2197 from QuanTakeuchi/master

mhvk authored 16 hours ago latest commit ed1f5adb5e

astro.py	Merge pull request #2197 from QuanTakeuchi/master	16 hours ago
cextern	Upgrade to wcslib 4.20	2 months ago
docs	Merge pull request #2200 from treeloy/fix-cosm-docs-issue-1221	2 days ago
licenses	Merge branch 'master' into erfa	7 months ago
scripts	Adds support for compressed headers + renamed to fitsheader	18 days ago
static	Move the binary installer background images to a new 'static' directo...	2 months ago
.gitattributes	Merge branch 'master' into astro.py	4 months ago
.gitignore	Change docs `_generated` folder name to `api`	5 months ago
.mailmap	Adding a .mailmap file to merge duplicate persons output by, for exam...	2 months ago
.travis.yml	Upgrade to pytest-xdist 1.10	a month ago

Code

Issues 361

Pull Requests 83

Wiki

Pulse

Graphs

Network

HTTPS clone URL

<https://github.com>

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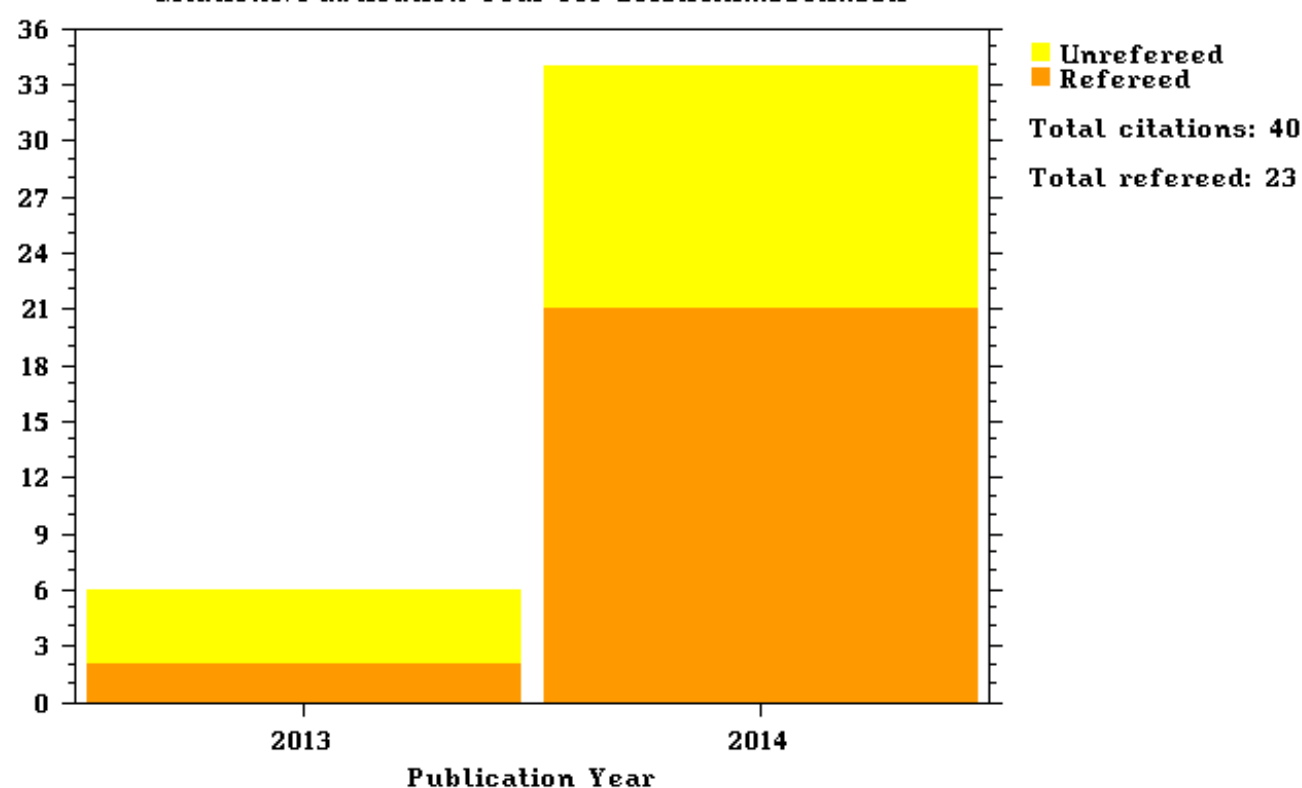
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DOI: 10.1051/0004-6361/201322068
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Astronomy
& Astrophysics

Astropy: A community Python package for astronomy

Citations/Publication Year for 2013A&A...558A...33A



Key words: methods: data analysis – methods: miscellaneous – virtual observatory tools

NASA ADS

A33, page 1 of 9

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70

caveat: quick'n'dirty ADS search

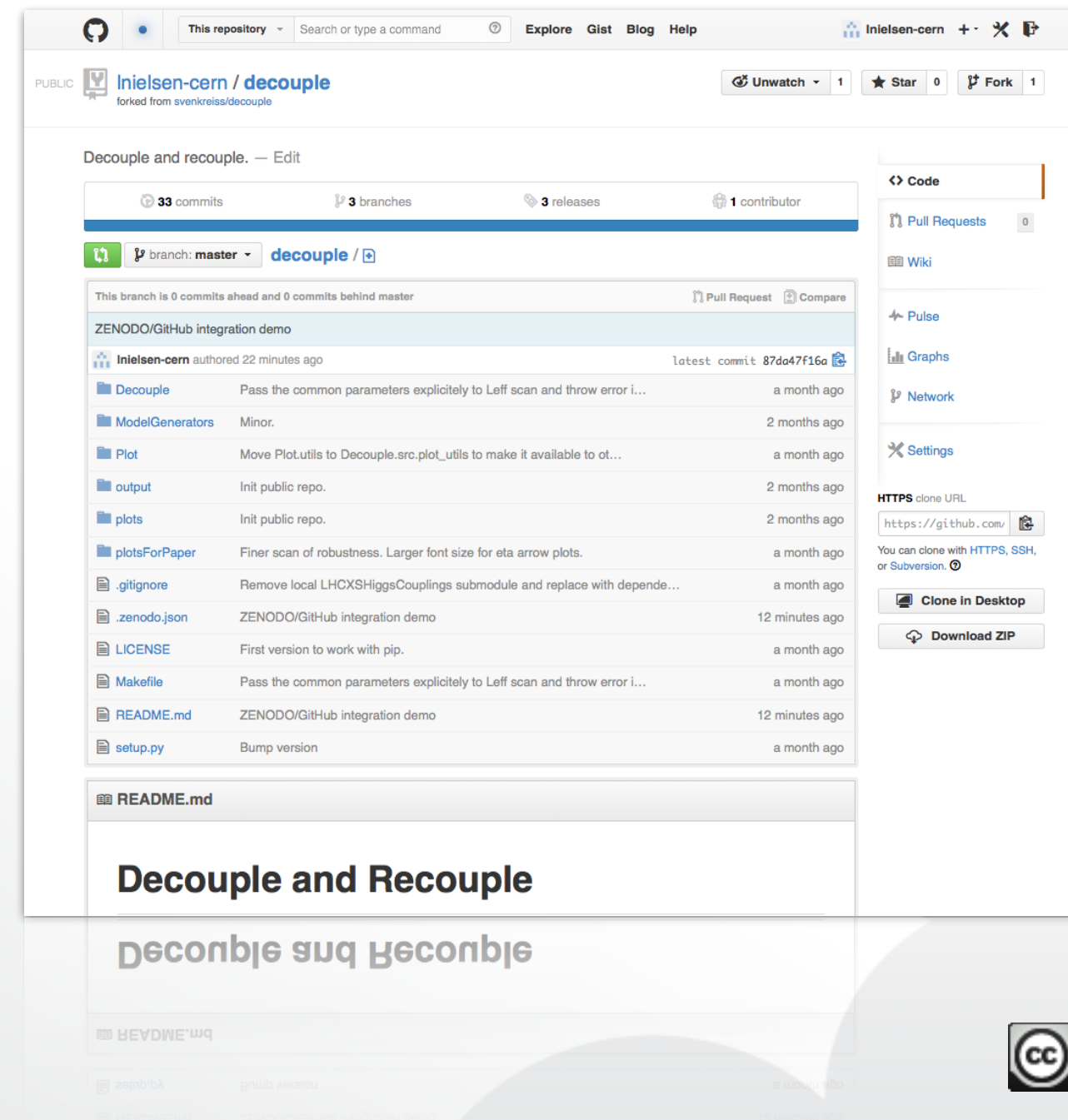
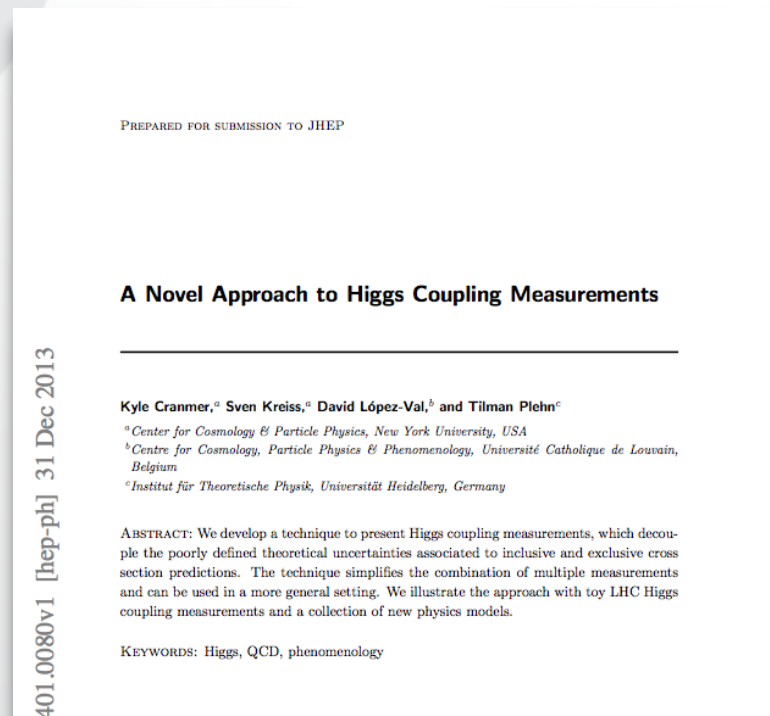
papers 2008-2014



4000

caveat: quick'n'dirty ADS search

Software citation



[25] K. Cranmer, S. Kreiss, D. López-Val, T. Plehn,
<https://github.com/svenkreiss/decouple>.

GitHub + Science

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Public forks can't be made private. Please [duplicate the repository](#) or [contact support](#). Make private

Transfer Ownership
Transfer this repo to another user or to an organization where you have admin rights. Transfer

Delete this repository
Once you delete a repository, there is no going back. Please be certain. Delete this repository

Once you delete a repository, there is no going back. Please be certain.
Delete this repository

Archiving

Crediting

GitHub meets Zenodo

The screenshot shows the Zenodo user settings page for 'lars.holm.nielsen@cern.ch'. Under the 'Settings' menu, 'GitHub' is selected. The 'GitHub Repositories' section is updated 16 hours ago and shows a list of repositories with toggle switches. The 'Inielson-cern/decouple' repository is currently turned ON. A callout box highlights this 'ON' toggle.

Repository	Status
Inielson-cern/altantis-conf	OFF
Inielson-cern/dictdiffer	OFF
Inielson-cern/decouple	ON
Inielson-cern/flask-bower-grunt	OFF
Inielson-cern/flask-cache	OFF

The screenshot shows the GitHub repository page for 'Inielson-cern / decouple'. It displays 33 commits, 3 branches, 3 releases, and 1 contributor. The 'Releases' section shows version 'v1.1.3' with a DOI of '07a2526'. The file list includes 'ZENODO/GitHub integration demo', 'Decouple', 'ModelGenerators', 'Plot', 'output', 'plots', 'plotsForPaper', '.gitignore', '.zenodo.json', 'LICENSE', 'Makefile', 'README.md', and 'setup.py'. A callout box highlights the '.zenodo.json' file.

v1.1.3
07a2526 zip tar.gz

Releases

```
{  
  "name": "Plehn, Tilman",  
  "affiliation": "Institut für Theoretische Ph  
},  
  "description": "This repository contains the soft  
  "access_right": "open",  
  "license": "mit-license",  
  "related_identifiers": [{  
    "identifier": "arXiv:1401.0080",  
    "relation": "isCitedBy"  
  }]  
}
```

.zenodo.json

ON

DOI 10.5281/zenodo.8345

DOI Badge

Software meets INSPIRE



07 March 2014

decouple software associated to arXiv:1401.0080

Cranmer, Kyle; Kreiss, Sven

(show affiliations)

This repository contains the software implementation for our paper **A Novel Approach to Higgs Coupling Measurements** (Cranmer, Kreiss, Lopez-Val, Plehn), arXiv:1401.0080. It contains tools to apply the discussed methods to new models and contains a Makefile to recreate the plots in the paper.

A demo for the recoupling stage where the effective likelihood and template parametrization are readily provided is at `decoupledDemo`.

Name	Date	Size
decouple-v1.2.5.zip	08 Mar 2014	266.6 kB

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Information Citations (0) Files

decouple software associated to arXiv:1401.0080

Cranmer, Kyle; Kreiss, Sven (New York University)

Cite as: (2013) Zenodo, <http://doi.org/10.5281/zenodo.8475>

Description:

This repository contains the software implementation for our paper **A Novel Approach to Higgs Coupling Measurements** (Cranmer, Kreiss, Lopez-Val, Plehn), arXiv:1401.0080 [hep-ph]. It contains tools to apply the discussed methods to new models and contains a Makefile to recreate the plots in the paper.

A demo for the recoupling stage where the effective likelihood and template parametrization are readily provided is at `decoupledDemo`.

This dataset complements the following publication:
[A Novel Approach to Higgs Coupling Measurements](#)

Record created 2014-03-12, last modified 2014-03-12

[Link to Zenodo](#) [Export](#)
[Link to GitHub](#) [BibTeX](#), [EndNote](#), [LaTeX\(US\)](#), [LaTeX\(EU\)](#), [Harvard](#), [MARC](#), [MARCXML](#), [NLM](#), [DC](#)

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Information References (166) Citations (0) Files Plots HepData

A Novel Approach to Higgs Coupling Measurements

Kyle Cranmer, Sven Kreiss (New York U., CCPP) , David Lopez-Val (Louvain U., CP3) , Tilman Plehn (U. Heidelberg, ITP)

Dec 30, 2013 - 39 pages

e-Print: [arXiv:1401.0080](#) [hep-ph] | [PDF](#)

Abstract (arXiv)
We develop a technique to present Higgs coupling measurements, which decouple the poorly defined theoretical uncertainties associated to inclusive and exclusive cross section predictions. The technique simplifies the combination of multiple measurements and can be used in a more general setting. We illustrate the approach with toy LHC Higgs coupling measurements and a collection of new physics models.

Note: 39 pages, 12 figures
Keyword(s): INSPIRE: *Automatic Keywords* | [coupling: Higgs](#) | [CERN LHC Coll](#) | [new physics](#) | [decoupling](#)

Record created 2014-01-03, last modified 2014-02-23

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The Astrophysics Source Code Library (ASCL) is a free online registry for source codes of interest to astronomers and astrophysicists and lists codes that have been used in research that has appeared in, or been submitted to, peer-reviewed publications. The ASCL is indexed by the [SAO/NASA Astrophysics Data System \(ADS\)](#) and is [citable](#) by using the unique ascl ID assigned to each code. The ascl ID can be used to link to the code entry by prefacing the number with ascl.net (*i.e.*, [ascl.net/1201.001](#)).

Most Recently Added Codes

2014 Sep 22

[submitted] CHLOE: A tool for automatic detection of peculiar galaxies
[Lior Shamir, Sandra Manning, John Wallin](#)

CHLOE is an image analysis unsupervised learning algorithm that can detect peculiar galaxies in datasets of galaxy images. The algorithm first computes a large set of numerical descriptors reflecting different aspects of the visual content, and then weighs them based on the standard deviation of the values computed from the galaxy images. The weighted Euclidean distance of each galaxy image from the median is measured, and the peculiarity of each galaxy is determined based on that distance.

2014 Sep 21

[submitted] PyFACT: Python FITS Analysis for Cherenkov Telescopes
[Raue, Martin](#)

PyFACT is a collection of python tools for the analysis of Imaging Atmospheric Cherenkov Telescope (IACT) data in FITS format.

2014 Sep 16



INVENIO

<http://www.invenio-software.org>

<http://github.com/zenodo>



<http://inspirehep.net/>

Safety



Bit Rot

Easy to use

DropBox integration

Drag-n-drop deposition

Programmable API

Low barriers

Little fixed metadata

No restrictions

Type, format, license

Differentiating

Features

Features

**Distributed
community
curation**

Longevity

Not a company

Large-scale operation

Thank you

zenodo

Research. Shared.

 <http://zenodo.org>

 @zenodo_org

 lars.holm.nielsen@cern.ch

FYI

