

Lars Holm Nielsen
Zenodo Service Manager
CERN



zenodo

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the items in the Trash?**

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Cancel

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Where then?

Ask your librarian!

Where?

Domain specific repositories



Where?

Zenodo

The screenshot shows the Zenodo website interface. At the top is a blue navigation bar with the Zenodo logo, a search bar, and buttons for 'Upload', 'Communities', 'Log in', and 'Sign up'. Below the navigation bar, the main heading reads 'Faculty of Biology and Medicine at University of Lausanne & Lausanne University Hospital'. A section titled 'Recent uploads' contains a search bar with the text 'Search Faculty of Biology and Medicine at University of Lausanne & Lausanne University Hospital'. Below the search bar, there is a metadata box for a dataset: 'April 11, 2017', 'Dataset', and 'Restricted Access'. The dataset title is 'Dataset Multifaceted intervention for patients admitted to an emergency unit for suicide attempt: an exploratory study'. The authors listed are 'Brovelli Sebastien; Dorogi Yves; Feiner Adam-Scott; Golay Philippe; Stiefel Friedrich; Bonsack Charles; Michaud Laurent;'. A description follows: 'This dataset is related to "Multifaceted intervention for patients admitted to an emergency unit for suicide attempt: an exploratory study" (Brovelli S., Dorogi Y., Feiner A.-S., Golay P., Stiefel F., Bonsack C. & Michaud L.)'. On the right side of the screenshot, there is a community profile card for 'Unil' (UNIL | Université de Lausanne) and 'CHUV' (Faculty of Biology and Medicine at University of Lausanne & Lausanne University Hospital).

zenodo Search Upload Communities Log in Sign up

Faculty of Biology and Medicine at University of Lausanne & Lausanne University Hospital

Recent uploads

Search Faculty of Biology and Medicine at University of Lausanne & Lausanne University Hospital

April 11, 2017 Dataset Restricted Access View

Dataset Multifaceted intervention for patients admitted to an emergency unit for suicide attempt: an exploratory study

Brovelli Sebastien; Dorogi Yves; Feiner Adam-Scott; Golay Philippe; Stiefel Friedrich; Bonsack Charles; Michaud Laurent;

This dataset is related to "Multifaceted intervention for patients admitted to an emergency unit for suicide attempt: an exploratory study" (Brovelli S., Dorogi Y., Feiner A.-S., Golay P., Stiefel F., Bonsack C. & Michaud L.)

Community

Unil UNIL | Université de Lausanne CHUV
Faculty of Biology and Medicine

Faculty of Biology and Medicine at University of Lausanne & Lausanne University Hospital



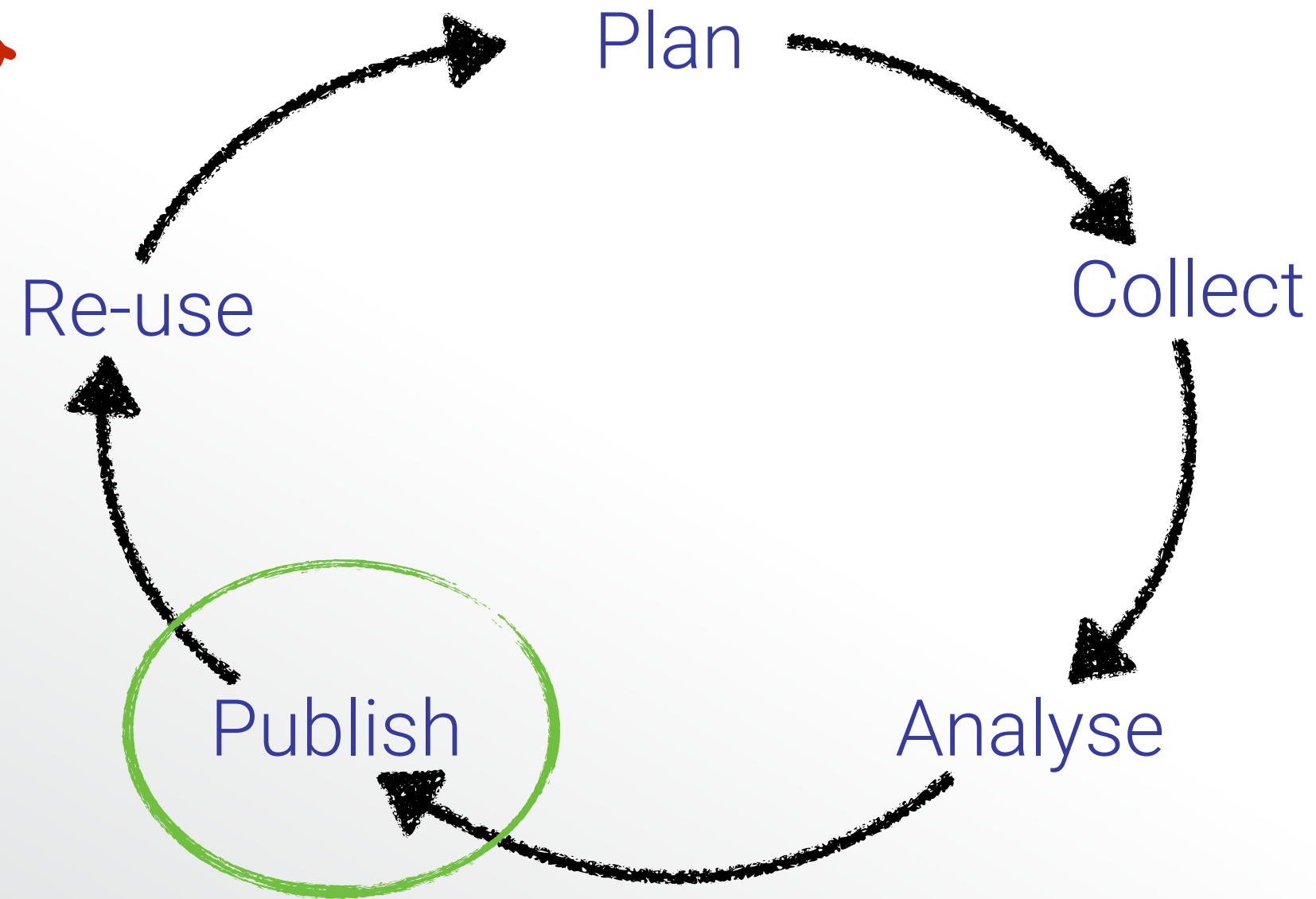
Do give us your research data

(but consider domain specific repository first)

Research data lifecycle

Archived data

Active data



Zenodo

Upload Describe Publish

The screenshot displays the Zenodo website interface. At the top, there is a blue navigation bar with the Zenodo logo on the left, a search bar with the text "Search" and a magnifying glass icon, and navigation links for "Upload" and "Communities". On the right side of the navigation bar, there are "Log in" and "Sign up" buttons. Below the navigation bar, the main content area features the text "Faculty of Biology and Medicine at University of Lausanne & Lausanne University Hospital". Underneath this, there is a section titled "Recent uploads" with a search bar containing the text "Search Faculty of Biology and Medicine at University of Lausanne & Lausanne University Hospital" and a magnifying glass icon. Below the search bar, there are three tags: "April 11, 2017", "Dataset", and "Restricted Access". To the right of the search bar is a "View" button. On the right side of the page, there is a community card for "Unil" (University of Lausanne) and "CHUV" (Lausanne University Hospital). The card includes the logos for "Unil" and "CHUV", and the text "UNIL | Université de Lausanne" and "Faculty of Biology and Medicine".

Digital Object Identifier

RESEARCH ARTICLE

Development of a duplex real-time PCR for the detection of *Rickettsia* spp. and typhus group rickettsia in clinical samples

Stefano Giulieri¹, Katia Jatón², Alain Cometta³, Laurence T. Trelu⁴ & Gilbert Greub^{1,2}

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Received 15 August 2011; revised 31 October 2011; accepted 11 November 2011. Final version published online 12 December 2011.

DOI: 10.1111/j.1574-695X.2011.00910.x

Editor: Achilles Sinaas

Keywords

rickettsia; polymerase chain reaction; spotted fever; typhus.

Abstract

Molecular diagnosis using real-time polymerase chain reaction (PCR) may allow earlier diagnosis of rickettsiosis. We developed a duplex real-time PCR that amplifies (1) DNA of any rickettsial species and (2) DNA of both typhus group rickettsia, that is, *Rickettsia prowazekii* and *Rickettsia typhi*. Primers and probes were selected to amplify a segment of the 16S rRNA gene of *Rickettsia* spp. for the pan-rickettsial PCR and the citrate synthase gene (*gltA*) for the typhus group rickettsia PCR. Analytical sensitivity was 10 copies of control plasmid DNA per reaction. No cross-amplification was observed when testing human DNA and 22 pathogens or skin commensals. Real-time PCR was applied to 16 clinical samples. Rickettsial DNA was detected in the skin biopsies of three patients. In one patient with severe murine typhus, the typhus group PCR was positive in a skin biopsy from a petechial lesion and seroconversion was later documented. The two other patients with negative typhus group PCR suffered from Mediterranean and African spotted fever, respectively; in both cases, skin biopsy was performed on the eschar. Our duplex real-time PCR showed a good analytical sensitivity and specificity, allowing early diagnosis of rickettsiosis among three patients, and recognition of typhus in one of them.



References

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Digital Object Identifier

The screenshot shows the PubMed interface for the article: "Development of a duplex real-time PCR for the detection of Rickettsia spp. and typhus group rickettsia in clinical samples." The article is by Giulieri S¹, Jatón K, Cometta A, Trellu LT, Greub G. The abstract describes a duplex real-time PCR method for detecting Rickettsia species and typhus group rickettsia in clinical samples. The article has a PMID of 22098502 and a DOI of 10.1111/j.1574-695X.2011.00910.x. The page includes sections for "Full text links", "Save items", "Similar articles", and "Cited by 3 PubMed Central articles".

Cited by 3 PubMed Central articles

- Development of Recombinase Polymerase Amplification Assays [PLoS Negl Trop Dis. 2015]
- Comparison of two quantitative real time PCR assays for Rickettsia [PLoS Negl Trop Dis. 2015]
- Assessment of real-time PCR assay for detection of Rickettsia sp. [J Clin Microbiol. 2013]

Credit: Screenshot of <https://www.ncbi.nlm.nih.gov/pubmed/22098502> obtained on 2017-05-21

Digital Object Identifier

Resolvable

<http://doi.org/10.5281/zenodo.400920>



<https://zenodo.org/record/400920>

Digital Object Identifier

Persistent

<http://doi.org/10.5281/zenodo.400920>



<https://zenodo.org/record/400920>

Digital Object Identifier

Globally unique

<http://doi.org/10.5281/zenodo.400920>

Digital Object Identifier

Metadata

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<?xml version='1.0' encoding='utf-8'?>
<resource xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://datacite.org/sc
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.org/meta/kernel-3/metadata.xsd">
  <identifier identifierType="DOI">10.5281/zenodo.400920</identifier>
  <creators>
    <creator>
      <creatorName>Carlos Ciller</creatorName>
    </creator>
    <creator>
      <creatorName>Sandro De Zanet</creatorName>
    </creator>
    <creator>
      <creatorName>Konstantinos Kamnitsas</creatorName>
    </creator>
    <creator>
      <creatorName>Philipp Maeder</creatorName>
    </creator>
  </creators>
</resource>
```


Digital Object Identifier


F_{indable} A_{ccessible} I_{nteroperable} R_{eusable}

Data Principles



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Faculty of Biology and Medicine at University of Lausanne & Lausanne University Hospital

Recent uploads



April 11, 2017

Dataset

Restricted Access

View

Dataset Multifaceted intervention for patients admitted to an emergency unit for suicide attempt: an exploratory study

Brovelli Sebastien; Dorogi Yves; Feiner Adam-Scott; Golay Philippe; Stiefel Friedrich; Bonsack Charles; Michaud Laurent;

This dataset is related to "Multifaceted intervention for patients admitted to an emergency unit for suicide attempt: an exploratory study" (Brovelli S., Dorogi Y., Feiner A.-S., Golay P., Stiefel F., Bonsack C. & Michaud L.)

Uploaded on April 11, 2017

March 20, 2017

Software

Open Access

View

Virtual Machine and dataset for Multi-channel MRI segmentation of eye structures and tumors using patient-specific features

Carlos Ciller; Sandro De Zanet; Konstantinos Kamnitsas; Philippe Maeder; Ben Glocker; Francis L. Munier; Daniel Rueckert; Jean-Philippe Thiran; Meritxell Bach Cuadra; Raphael Sznitman;

% Plos One Journal - <http://dx.doi.org/10.1371/journal.pone.0173900> % ##### %

Community

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Faculty of Biology and Medicine

Faculty of Biology and Medicine at University of Lausanne & Lausanne University Hospital

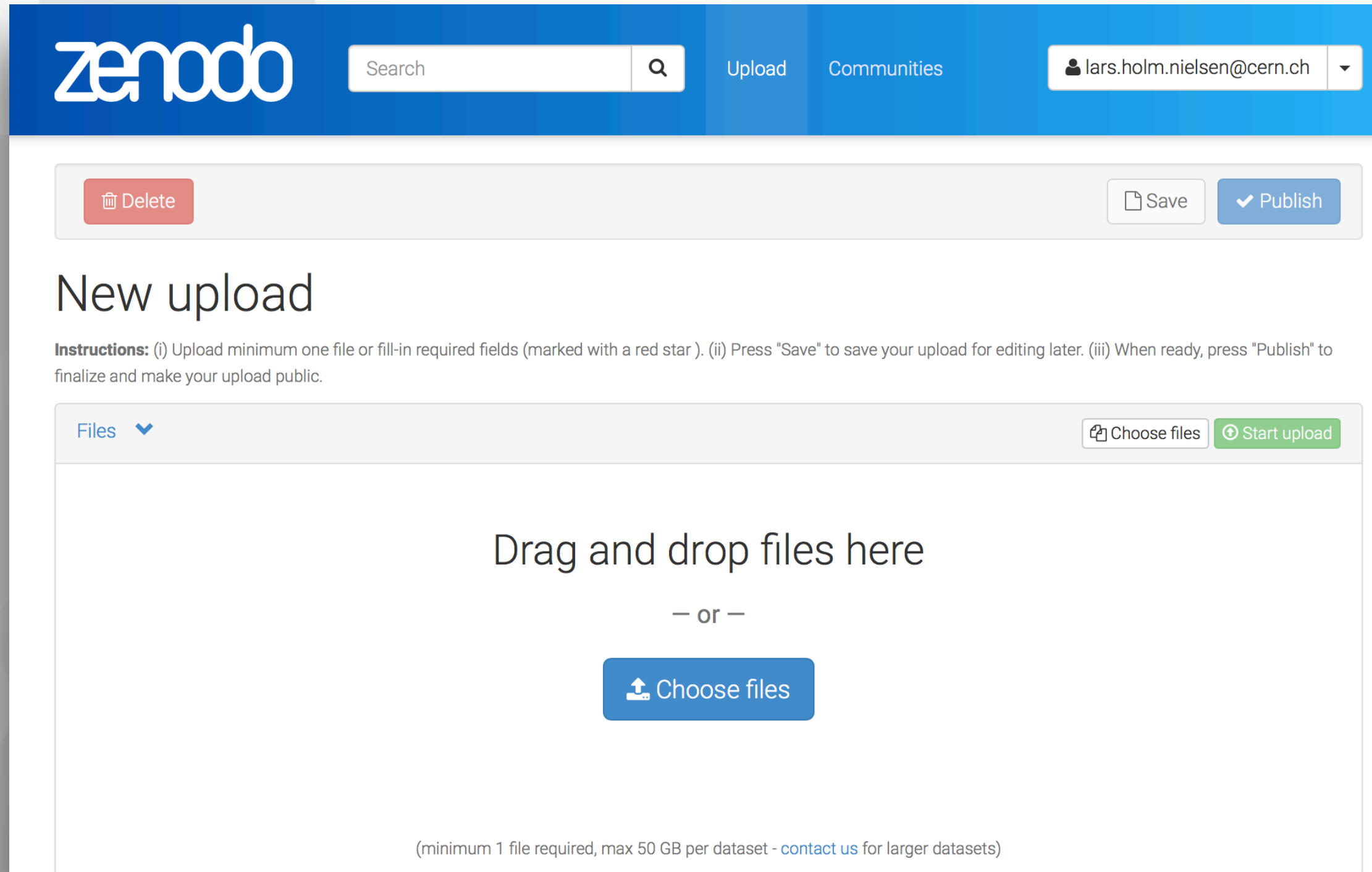
The scientific production in biomedical research of FBM (UNIL & CHUV) openly available : i) author accepted manuscripts and ii) supplementary files and key datasets accompanying publications.

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CLebrand

Upload



The screenshot shows the Zenodo upload page. At the top is a blue navigation bar with the Zenodo logo, a search bar, and links for 'Upload' and 'Communities'. A user profile dropdown shows 'lars.holm.nielsen@cern.ch'. Below the navigation bar is a control bar with 'Delete', 'Save', and 'Publish' buttons. The main heading is 'New upload'. Below it are instructions: '(i) Upload minimum one file or fill-in required fields (marked with a red star). (ii) Press "Save" to save your upload for editing later. (iii) When ready, press "Publish" to finalize and make your upload public.' The upload area has a 'Files' dropdown, 'Choose files', and 'Start upload' buttons. A large text area says 'Drag and drop files here' with '- or -' and a 'Choose files' button. At the bottom, a note states '(minimum 1 file required, max 50 GB per dataset - [contact us](#) for larger datasets)'. The background features a faint silhouette of a group of people.

50GB per dataset

Quota increase possible

Any format

Any license

Before you Upload

File format?

Open vs proprietary
Community standards

Reusable?

Privacy?

License?



Start early

(Data Management Plan)

Describe

Upload type required ▾

Publication Poster Presentation Dataset Image Video/Audio Software Lesson

Publication type

Basic information required ▾

Digital Object Identifier

Optional. Did your publisher already assign a DOI to your upload? If not, leave the field empty and we will register a new DOI for you. A DOI allows others to easily and unambiguously cite your upload. Please note that it is NOT possible to edit a Zenodo DOI once it has been registered by us, while it is always possible to edit a custom DOI.

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March 20, 2017

Software Open Access

Virtual Machine and dataset for Multi-channel MRI segmentation of eye structures and tumors using patient-specific features

Carlos Ciller; Sandro De Zanet; Konstantinos Kamnitsas; Philippe Maeder; Ben Glocker; Francis L. Munier; Daniel Rueckert; Jean-Philippe Thiran; Meritxell Bach Cuadra; Raphael Sznitman

% Plos One Journal - <http://dx.doi.org/10.1371/journal.pone.0173900>

% #####

% "Multi-channel MRI segmentation of eye structures and tumors using patient-specific features"

% #####

%

% C. Ciller, S.I. De Zanet, K. Kamnitsas, P. Maeder, B. Glocker,

% F.L. Munier, D. Rueckert, J-P. Thiran, M.B. Cuadra* and R. Sznitman*

*Equally contributed authors

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The content of these folders include all the necessary steps for computing the automatic segmentation of eye structures and tumors in 3D MRI. Upon acceptance of this manuscript, all the experiments and a working

Publication date:

March 20, 2017

DOI:

DOI 10.5281/zenodo.400920

Keyword(s):

Ocular tumors

Magnetic Resonance Imaging

Image segmentation

Eye modelling

Related identifiers:

Part of:

<http://unil.ch/mial/home/menuguid/software.html>

Supplement to:

[10.1371/journal.pone.0173900](http://dx.doi.org/10.1371/journal.pone.0173900)

Communities:

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Embargoed access

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September 15, 2016

Journal article

Embargoed Access

Early detection of human glioma sphere xenografts in mouse brain using diffusion MRI at 14.1 T

Porcari, P; Hegi, M E; Lei, H; Hamou, M-F; Vassallo, I; Capuani, S; Gruetter, R; Mlynarik, V

Glioma models have provided important insights into human brain cancers. Among the investigative tools, MRI has allowed their characterization and diagnosis. In this study, we investigated whether diffusion MRI might be a useful technique for early detection and characterization of slow-growing and diffuse infiltrative gliomas, such as the proposed new models, LN-2669GS and LN-2540GS glioma sphere xenografts. Tumours grown in these models are not visible in conventional T2-weighted or contrast-enhanced T1-weighted MRI at 14.1 T. Diffusion-weighted imaging and diffusion tensor imaging protocols were optimized for contrast by exploring long diffusion times sensitive for probing the microstructural alterations induced in the normal brain by the slow infiltration of glioma sphere cells. Compared with T2-weighted images, tumours were properly identified in their early stage of growth using diffusion MRI, and confirmed by localized proton MR spectroscopy as well as immunohistochemistry. The first evidence of tumour presence was revealed for both glioma sphere xenograft models three months after tumour implantation, while no necrosis, oedema or haemorrhage were detected either by MRI or by histology. Moreover, different values of diffusion indices, such as mean diffusivity and fractional anisotropy, were obtained in tumours grown from LN-2669GS and LN-2540GS glioma sphere lines. These observations highlighted diverse tumour microstructures for both xenograft models, which were reflected in histology. This study demonstrates the ability of diffusion MRI techniques to identify and investigate early stages of slow-growing, invasive tumours in the mouse brain, thus providing a potential imaging biomarker for early detection of tumours in humans.

Files

Embargoed Access

Files are currently under embargo but will be publicly accessible after September 15, 2017.

Publication date:

September 15, 2016

DOI:

DOI 10.1002/nbm.3610

Published in:

Nmr In Biomedicine: 29 pp. 1577-1589.

Communities:

Faculty of Biology and Medicine at University of Lausanne & Lausanne University Hospital

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Cite as

Porcari, P, Hegi, M E, Lei, H, Hamou, M-F, Vassallo, I, Capuani, S, ... Mlynarik, V. (2016). Early detection of human glioma sphere xenografts in mouse brain using diffusion MRI at 14.1 T. *Nmr in Biomedicine*, 29(11), 1577–1589.
<http://doi.org/10.1002/nbm.3610>

Start typing a citation style...

Restricted access

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April 11, 2017

Dataset **Restricted Access**

Dataset Multifaceted intervention for patients admitted to an emergency unit for suicide attempt: an exploratory study

Brovelli Sebastien; Dorogi Yves; Feiner Adam-Scott; Golay Philippe; Stiefel Friedrich; Bonsack Charles; Michaud Laurent

This dataset is related to "Multifaceted intervention for patients admitted to an emergency unit for suicide attempt: an exploratory study" (Brovelli S., Dorogi Y., Feiner A.-S., Golay P., Stiefel F., Bonsack C. & Michaud L.)

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Paper under revision

Request access...

Publication date:

April 11, 2017

DOI:

DOI 10.5281/zenodo.520555

Keyword(s):

Suicide

Suicide attempt

Emergency unit

Phone contacts

Communities:

[Faculty of Biology and Medicine at University of Lausanne & Lausanne University Hospital](#)

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Cite as

Brovelli Sebastien, Dorogi Yves, Feiner Adam-Scott, Golay Philippe, Stiefel Friedrich, Bonsack Charles, & Michaud Laurent. (2017). Dataset Multifaceted intervention for patients admitted to an emergency unit for suicide attempt: an exploratory study [Data set]. Zenodo. <http://doi.org/10.5281/zenodo.520555>

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Access request

Record:

[Dataset Multifaceted intervention for patients admitted to an emergency unit for suicide attempt: an exploratory study \(DOI: 10.5281/zenodo.520555\)](#)

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Conditions

Paper under revision

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- Ensure that you fulfil the conditions under which the owner grants access to the upload.
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- Next, you will receive an email with a link to confirm the request. Once you have confirmed the request by opening the link, the owner will be notified.
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Who grants/deny access?

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What is the response time?

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Launching soon

Versioning

The screenshot shows the Zenodo interface for a record. At the top, there is a blue header with the Zenodo logo, a search bar, and links for 'Upload' and 'Communities'. Below the header, a yellow banner states 'There is a newer version of this record available.' The record title is 'When do agents outperform centralized algorithms? - A systematic empirical evaluation in logistics - code', dated December 23, 2016. It is categorized as 'Software' and 'Open Access'. The author is Rinde R.S. van Lon. A description of the code is provided. Below the text, there are buttons for 'Preview' and 'Files'. The 'Files' section contains a table with one entry: 'rinde/vanLon17-JAAMAS-code-v1.0.0.zip' (57.5 kB), with 'Preview' and 'Download' buttons.

Name	Size
rinde/vanLon17-JAAMAS-code-v1.0.0.zip md5:b9183ccec20cdf587f13eb096f5e7102	57.5 kB

Versions

Version 2	10.5281/zenodo.576389	May 17, 2017
Version 1	10.5281/zenodo.220892	May 17, 2017

Cite all versions? You can cite all versions by using the DOI [10.5281/zenodo.597629](https://doi.org/10.5281/zenodo.597629). This DOI represents all versions, and will always resolve to the latest one. [Read more.](#)

Horizon 2020

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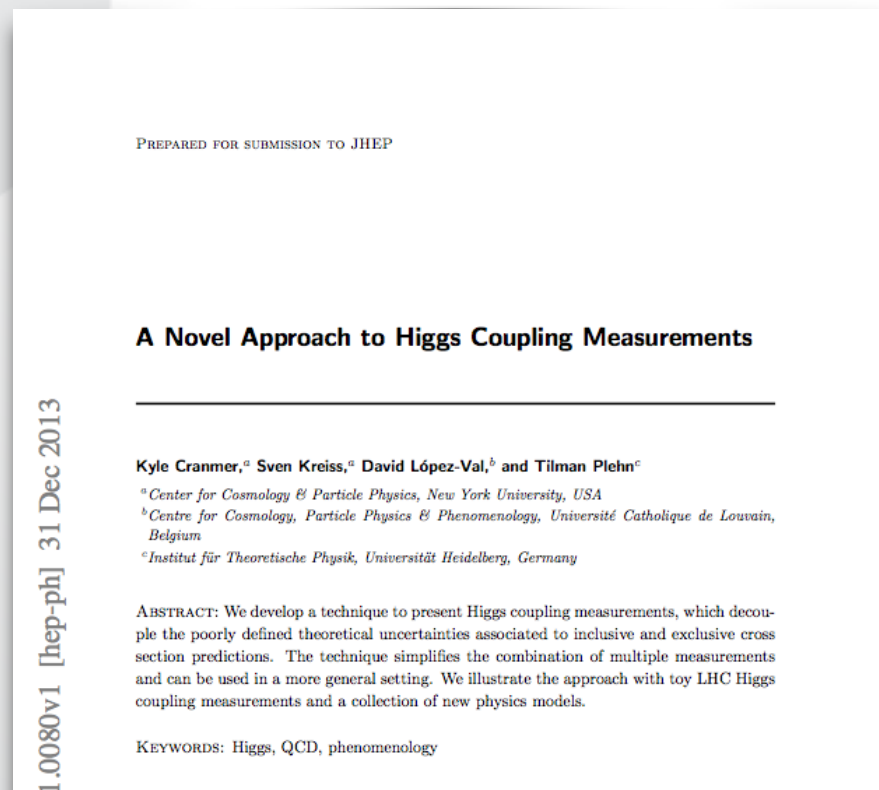
SNSF support coming

Horizon 2020

The screenshot shows the OpenAIRE interface for a dataset. The top navigation bar includes the OpenAIRE logo, a home icon, and links for PARTICIPATE (DEPOSIT, JOIN), SEARCH (PUBLICATIONS, DATA, PROJECTS), STATISTICS (OA, PROJECTS, TOPICS), SUPPORT (FAQ, HELPDESK, GUIDES), and OPEN ACCESS (IN EUROPE). The dataset title is "Drosophila simulans template brains" by Ostrovsky, Aaron D.; Goetz, Lea; Jefferis, Gregory S. X. E. (2014). The description states: "Male and female symmetric averaged templates (11 and 10 brains, respectively) and intersex template brain for *Drosophila simulans*. Voxel size: (0.461, 0.461, 1) micron." A red circle highlights the "Funded by projects" section, which lists "OLFPERCEPT (211089)". Other sections include "Share - Bookmark" with social media icons, "Download from" with a Zenodo link, and "Cite this dataset" with a BibTeX option.

The screenshot shows the OpenAIRE interface for a publications search. The top navigation bar includes the OpenAIRE logo, a home icon, and links for PARTICIPATE (DEPOSIT, JOIN), SEARCH (PUBLICATIONS, DATA, PROJECTS), STATISTICS (OA, PROJECTS, TOPICS), SUPPORT (FAQ, HELPDESK, GUIDES), and OPEN ACCESS (IN EUROPE). The search results are displayed under the "Publications" tab. The first result is "Comparing copepod time-series in the north of Spain: Spatial autocorrelation of community composition" by Bode, Antonio; Alvarez-ossorio, Maria Teresa; Miranda, Ana; López-urrutia, Angel; Valdés, Luis (2012). The description states: "Four time-series of copepod species biomass in the north of Spain were contrasted to demonstrate spatial autocorrelation of local communities and their responses to short-term local and regional variability in oceanographic conditions. The series represented coastal and oceanic environments along a marked gradient of influence of seasonal upwelling from Galicia to the Mar Cantábrico (S Bay of Biscay), and each one included at least 10 years of continuous data collected at monthly frequency." The second result is "An overview of APECOSM, a spatialized mass balanced 'Apex Predators ECOSystem Model' to study physiologically structured tuna population dynamics in their ecosystem" by Maury, Olivier (2010). The description states: "This paper gives an overview of the ecosystem model APECOSM (Apex Predators ECOSystem Model) which is developed in the framework of the GLOBEC-CLIoTOP Programme. APECOSM represents the flow of energy through the ecosystem with a size-resolved structure in both space and time. The

GitHub



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

This repository Search Pull requests Issues Gist

svenkreiss / decouple Watch 1 Star 2 Fork 3

Code Issues 0 Pull requests 0 Projects 0 Wiki Pulse Graphs

Decouple and recouple.

44 commits 4 branches 9 releases 1 contributor MIT

Branch: master New pull request Create new file Upload files Find file Clone or download

File	Description	Latest commit
Decouple	Pull the 'scripts' out of the Decouple module and in separate 'script...	3 years ago
ModelGenerators	Pull the 'scripts' out of the Decouple module and in separate 'script...	3 years ago
Plot	Update to work with latest version of PyROOTUtils (mostly the new way...	3 years ago
output	Init public repo.	3 years ago
plots	Init public repo.	3 years ago
plotsForPaper	Finer scan of robustness. Larger font size for eta arrow plots.	3 years ago
scripts	Pull the 'scripts' out of the Decouple module and in separate 'script...	3 years ago
.gitignore	Remove local LHCXSHiggsCouplings submodule and replace with dependenc...	3 years ago
LICENSE	First version to work with pip.	3 years ago
Makefile	Pull the 'scripts' out of the Decouple module and in separate 'script...	3 years ago
README.md	Add Attribution and License section.	3 years ago
requirements.txt	New PyROOTUtils version with importlib dependency.	3 years ago
requirements_dev.txt	New PyROOTUtils version with importlib dependency.	3 years ago
setup.py	New PyROOTUtils version with importlib dependency.	3 years ago

GitHub + Research

Danger Zone

Make this repository private

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

Delete this repository

GitHub + Zenodo

The screenshot shows the Zenodo user interface. At the top is a blue navigation bar with the Zenodo logo, a search bar, and links for 'Upload' and 'Communities'. A user profile dropdown shows 'lars.holm.nielsen@cern.ch'. Below the navigation bar is a breadcrumb trail: 'Home / Account / GitHub'. On the left is a 'Settings' sidebar with options: Profile, Change password, Linked accounts, Applications, Shared links, and GitHub (which is highlighted). The main content area is titled 'GitHub Repositories' and includes a '(updated now)' status and a 'Sync now ...' button. It features a 'Get started' section with three numbered steps: 1. Flip the switch (with an 'ON' toggle), 2. Create a release (with instructions to go to GitHub and create a release), and 3. Get the badge (with instructions on how a DOI badge appears). Below this is an 'Enabled Repositories' section showing one repository: 'lnielsen/Kibet-F1000Research' with a DOI of '10.5072/zenodo.64201' and an 'ON' toggle.

zenodo Search Upload Communities lars.holm.nielsen@cern.ch

Home / Account / GitHub

Settings

- Profile
- Change password
- Linked accounts
- Applications
- Shared links
- GitHub**

GitHub Repositories (updated now) Sync now ...

Get started

- 1 Flip the switch**

Select the repository you want to preserve, and toggle the switch below to turn on automatic preservation of your software.

ON
- 2 Create a release**

Go to GitHub and [create a release](#). Zenodo will automatically download a .zip-ball of each new release and register a DOI.
- 3 Get the badge**

After your first release, a DOI badge that you can include in GitHub README will appear next to your repository below.

DOI 10.5281/zenodo.8475 (example)

Enabled Repositories

- lnielsen/Kibet-F1000Research** ON
DOI 10.5072/zenodo.64201

CERN?

Zenodo is offered by CERN as part of its mission to make available the results of its work

Article II

Purposes

1. The Organization shall provide for collaboration among European States in nuclear research of a pure scientific and fundamental character, and in research essentially related thereto. The Organization shall have no concern with work for military requirements and the results of its experimental and theoretical work shall be published or otherwise made generally available.

Funded by



Behind Zenodo



CERN Data Centre

- ~150PB disk
- ~185PB tape
- ~110k CPUs

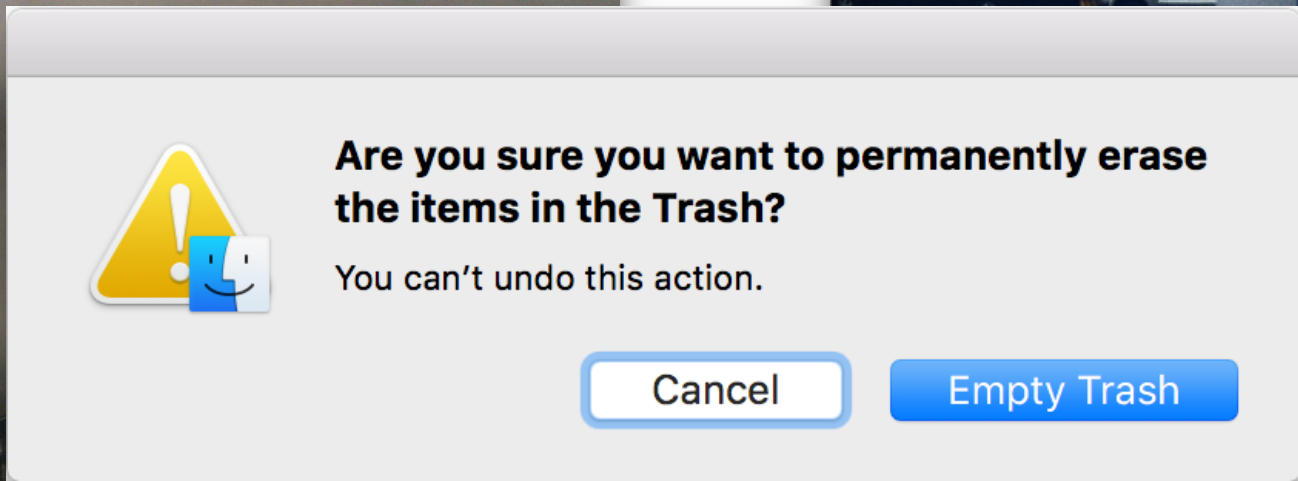
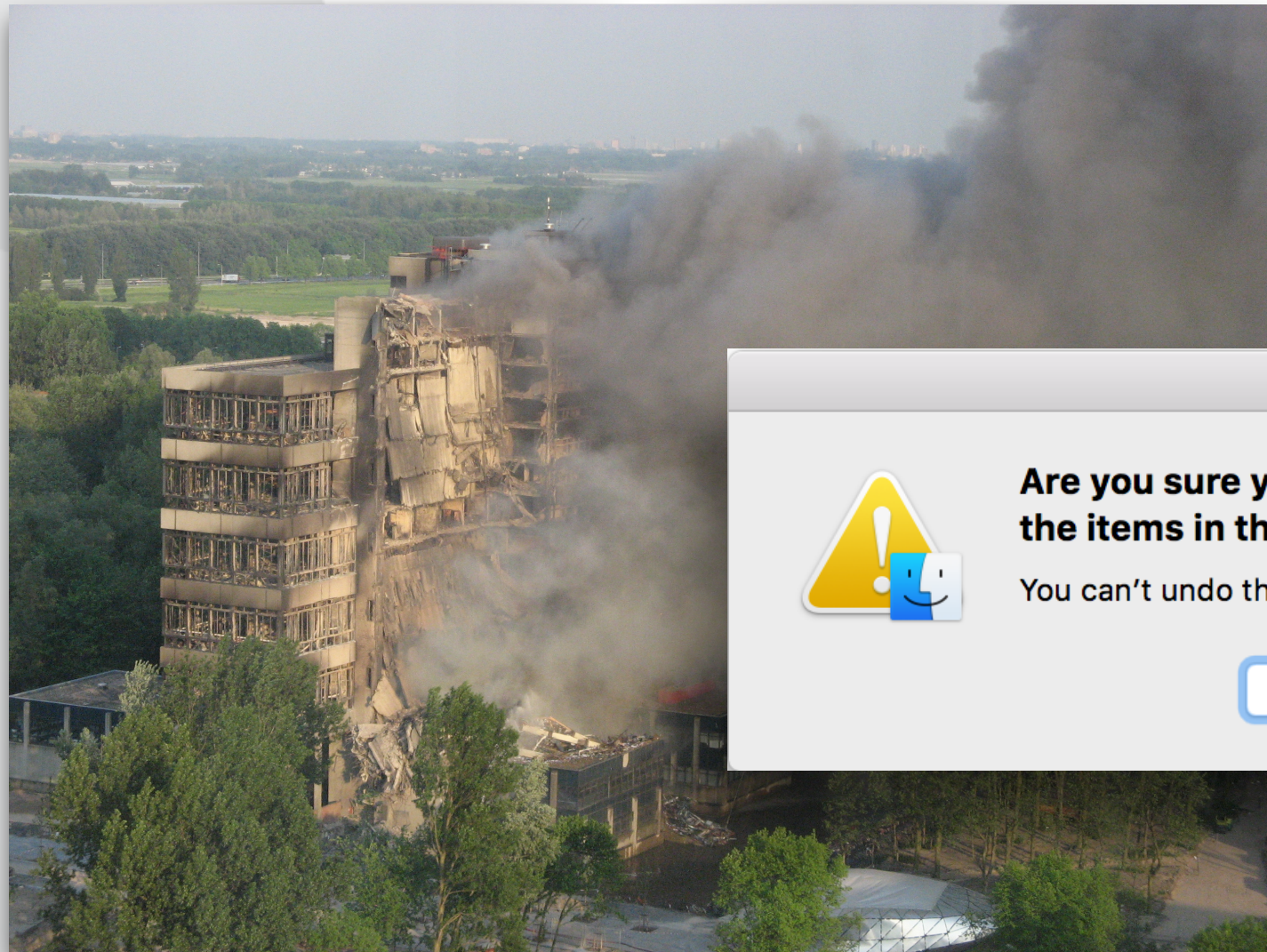
Services

- Digital repositories
- Data preservation for High-Energy Physics.

Zenodo: **Open** in every sense!

Built by Science.
For Science.

Don't do it yourself



Credit: (see earlier slides)

Start early

Ask your librarian

Do give us your research data!

Thank you!

Start early

www.zenodo.org

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Do give us your research data!

