



UNIVERSITÀ
degli STUDI
di CATANIA



Università
Ca' Foscari
Venezia

SbA
sistema bibliotecario di ateneo

EOOSC

Scenari evolutivi e sviluppi in ambito italiano

3 aprile 2019 ore 9.30 – 13.00

Università Ca' Foscari Venezia - Aula Baratto

Esperienze di Open Science tra Italia e Africa

Roberto Barbera (roberto.barbera@ct.infn.it)
Dipartimento di Fisica e Astronomia «E. Majorana»
dell'Università degli Studi di Catania

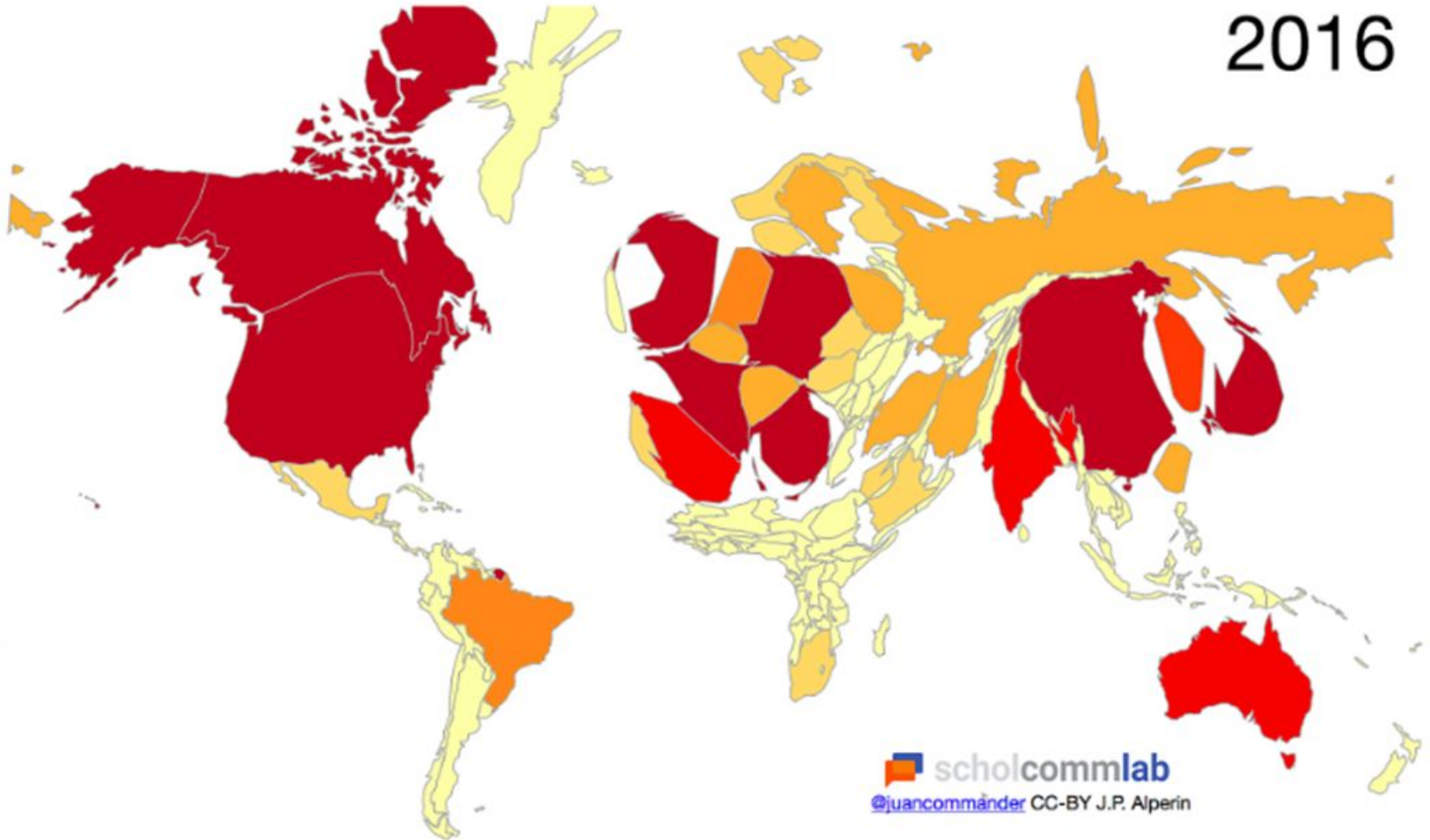
Venezia, 3 aprile 2019



Scientific knowledge share

World scaled by number of documents with authors from each country in Web of Science

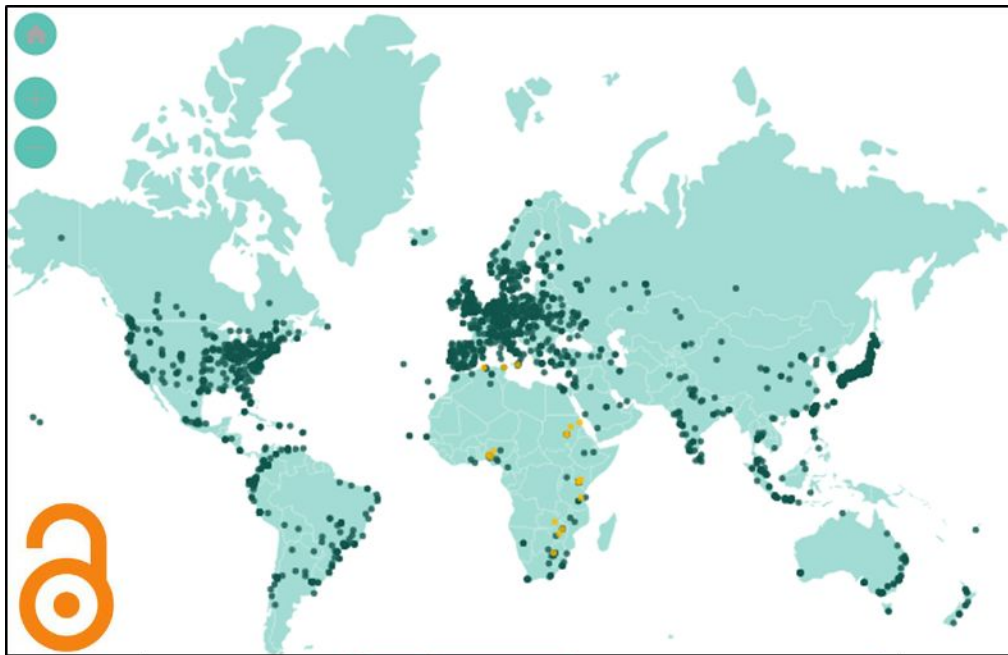
2016



 **scholcommlab**
@juancommander CC-BY J.P. Alperin

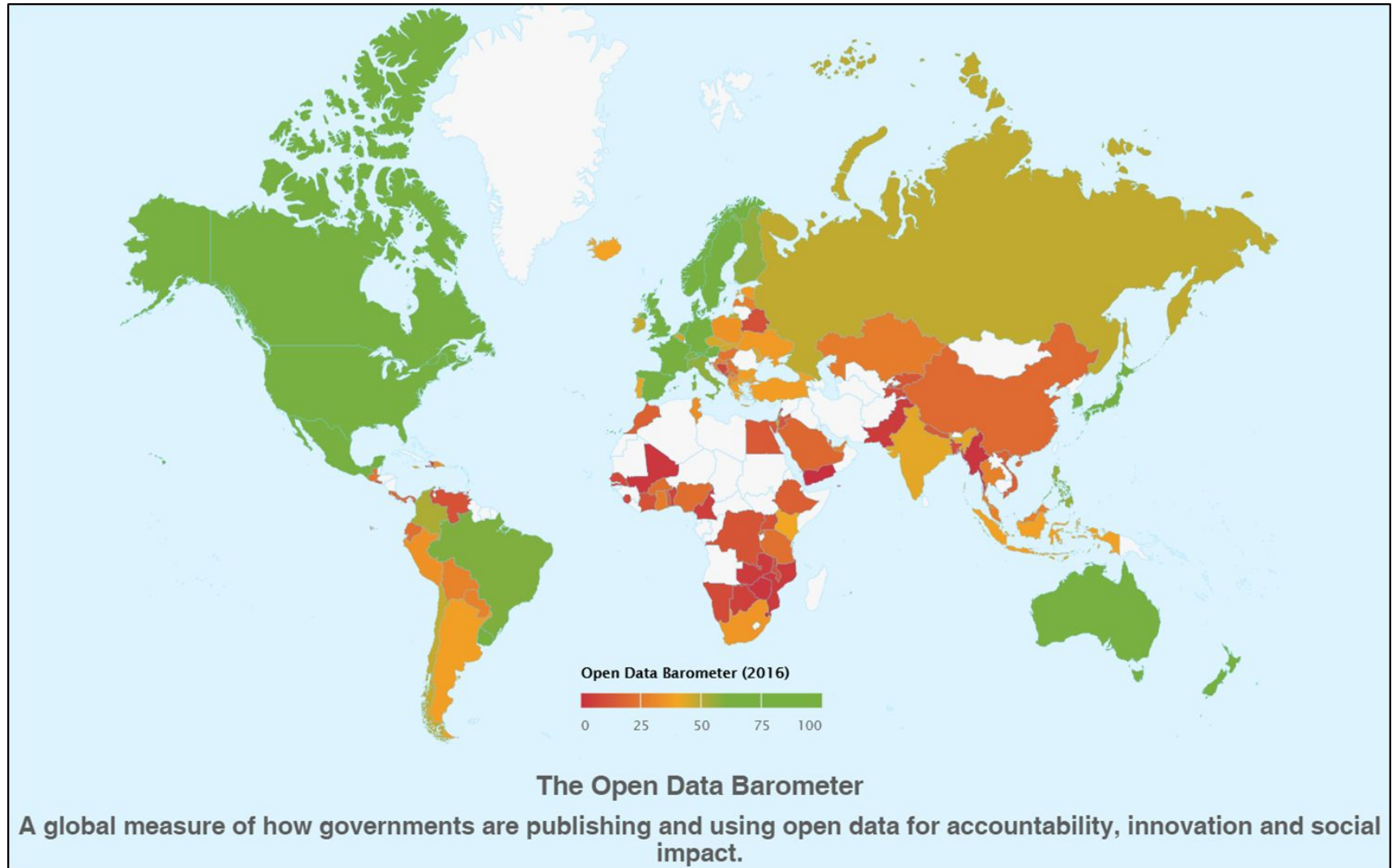
e-Infrastructure Knowledge Base

(<http://www.sci-gaia.eu/knowledge-base>)



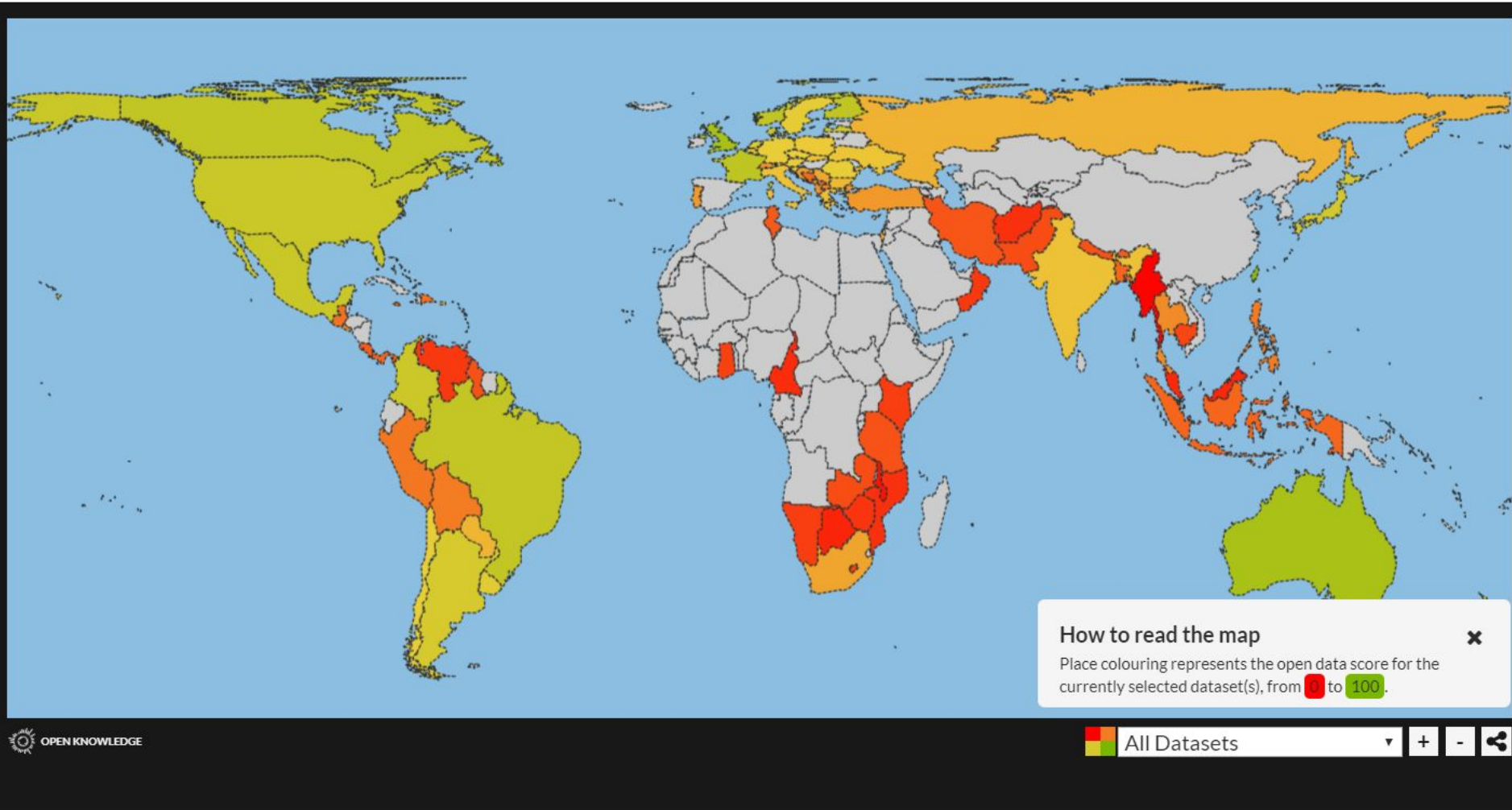
Open Data Barometer (2016 Report)

(http://opendatabarometer.org/?_year=2016&indicator=ODB)

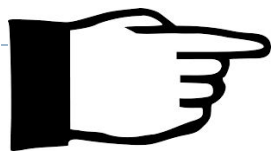
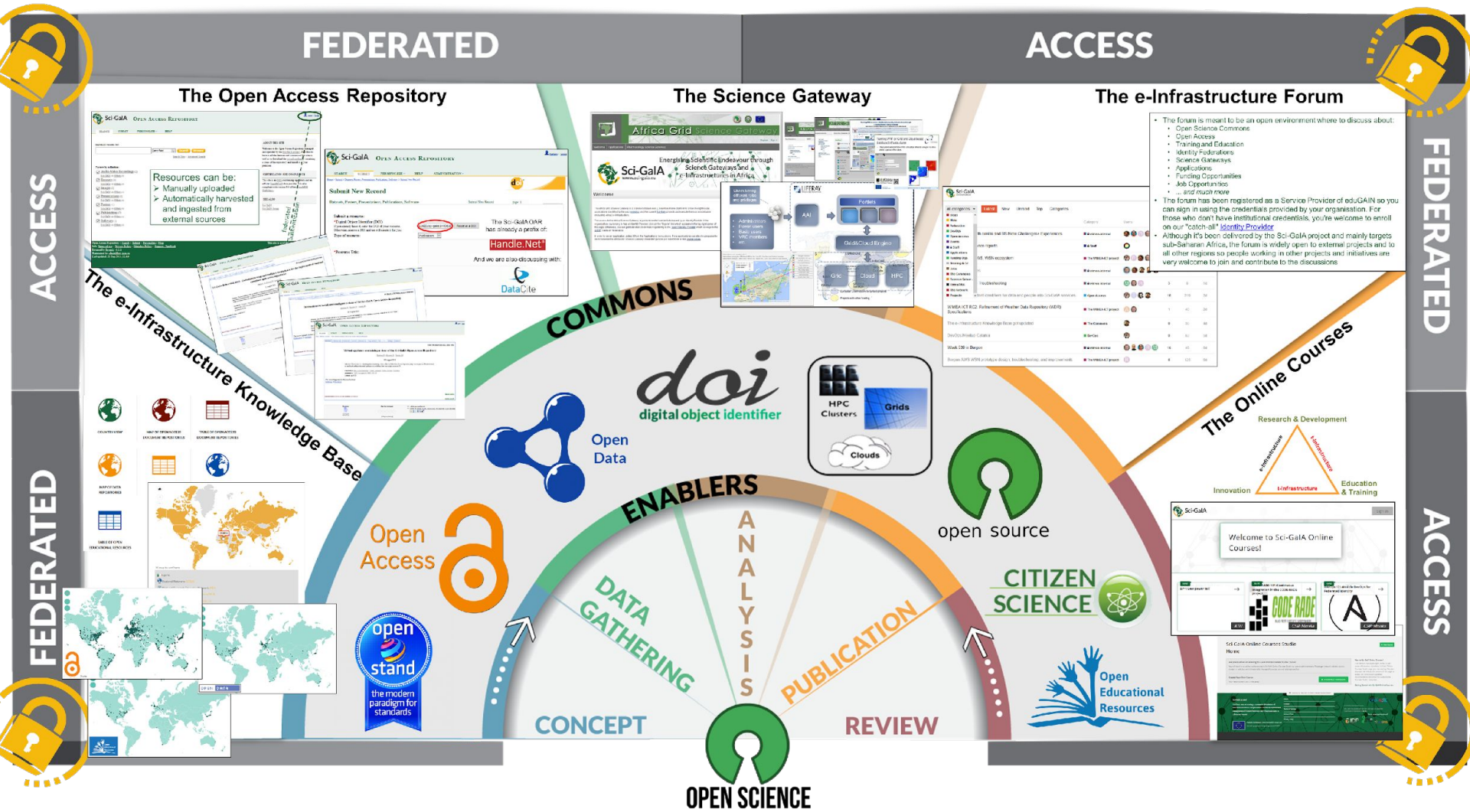


Global Open Data Index

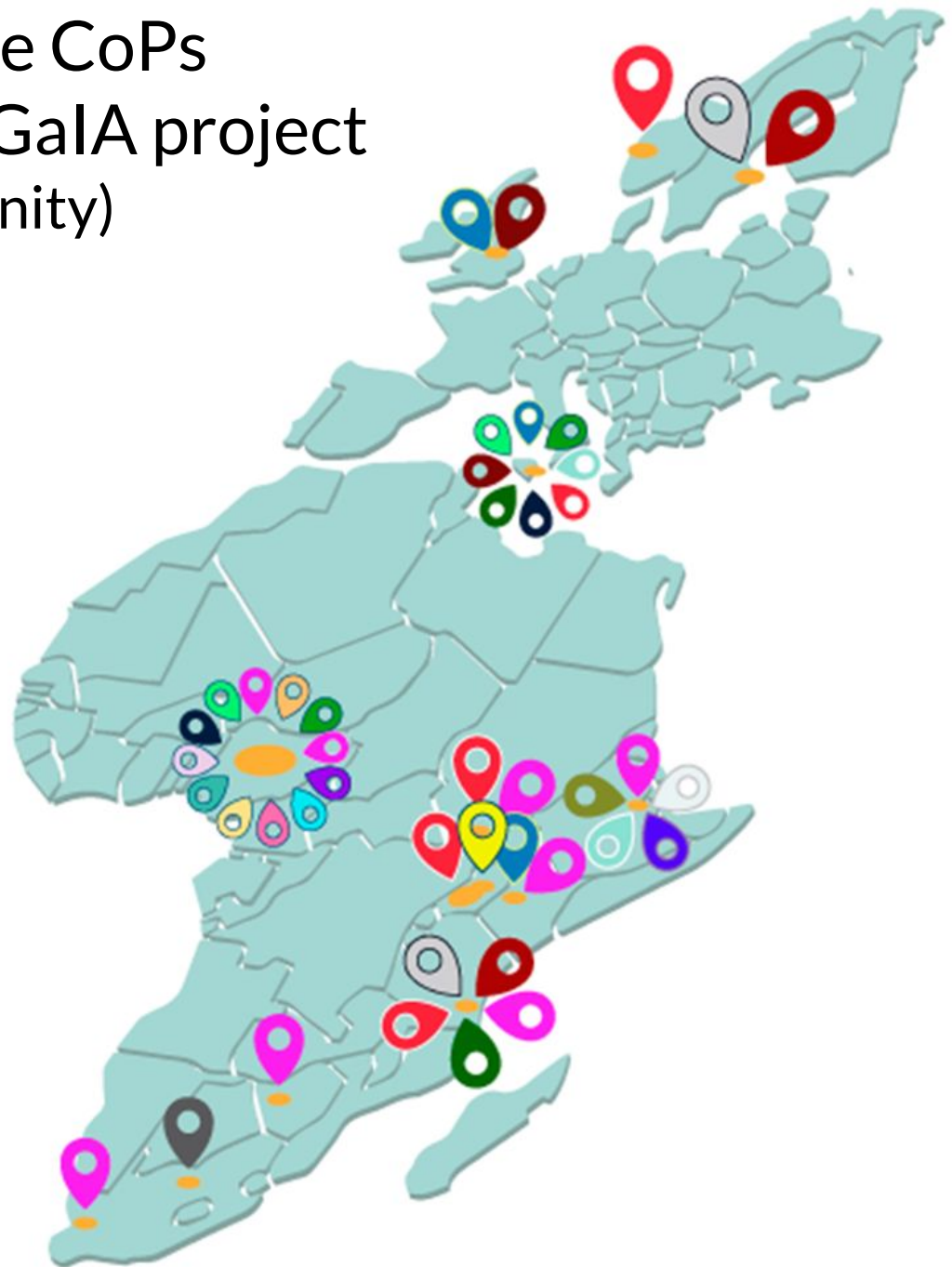
(<https://index.okfn.org/>)



The Sci-GaIA Federated Platform for an Open Science Commons in Africa



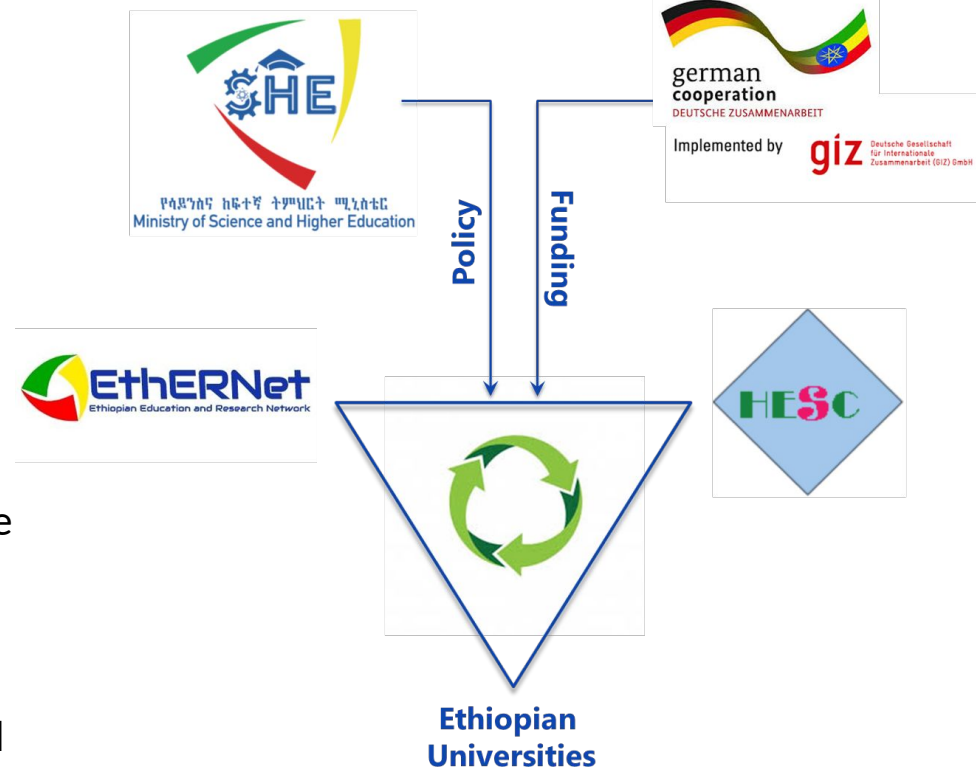
“Bird’s eye view” of the CoPs supported by the Sci-GaIA project (www.sci-gaia.eu/community)



Mission:

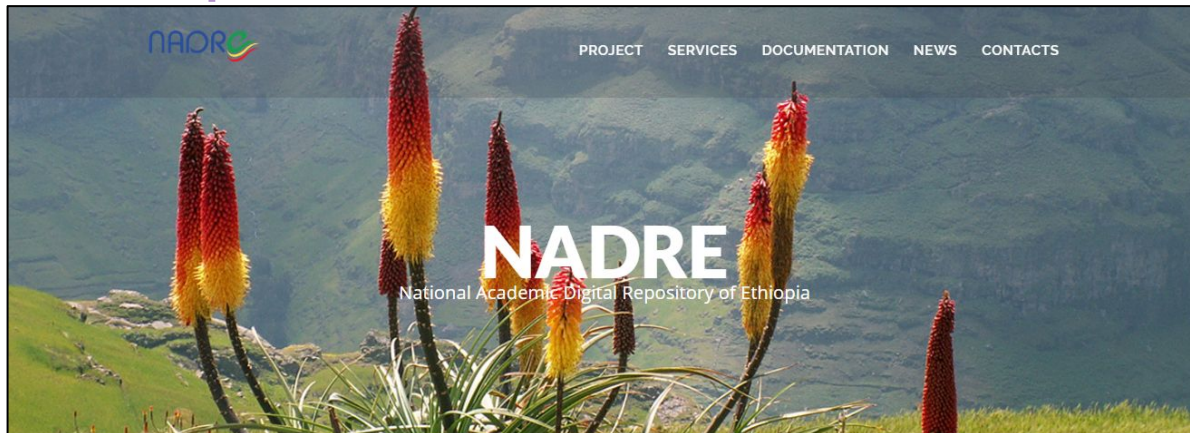
- The **National Academic Digital Repository of Ethiopia (NADRE)** intends to provide researchers, lecturers, students and stakeholders from outside of the academic world access to all research works published by Ethiopian universities and research institutions.
- All public and private universities as well as research institutions will contribute to the NADRE and will provide all citizens access to it.
- In order to complement and feed the NADRE each Ethiopian university is encouraged to build its own repository and to provide the Ethiopian Research and Education Network (EthERNET) access to that university repository in order to harvest and amalgamate publications from these repositories to a compiled National Academic Digital Repository of Ethiopia.
- Those universities that are not currently able to establish their own repository will get support from EthERNET to deploy their own Institutional Academic Repository (ADR). However, each university will be responsible for the curation of contents stored its own ADR.

Stakeholders:



NADRE Website and Manual

<https://nadreweb.ethernet.edu.et>



NADRE Services



Repository

A standard-based Open Access Repository

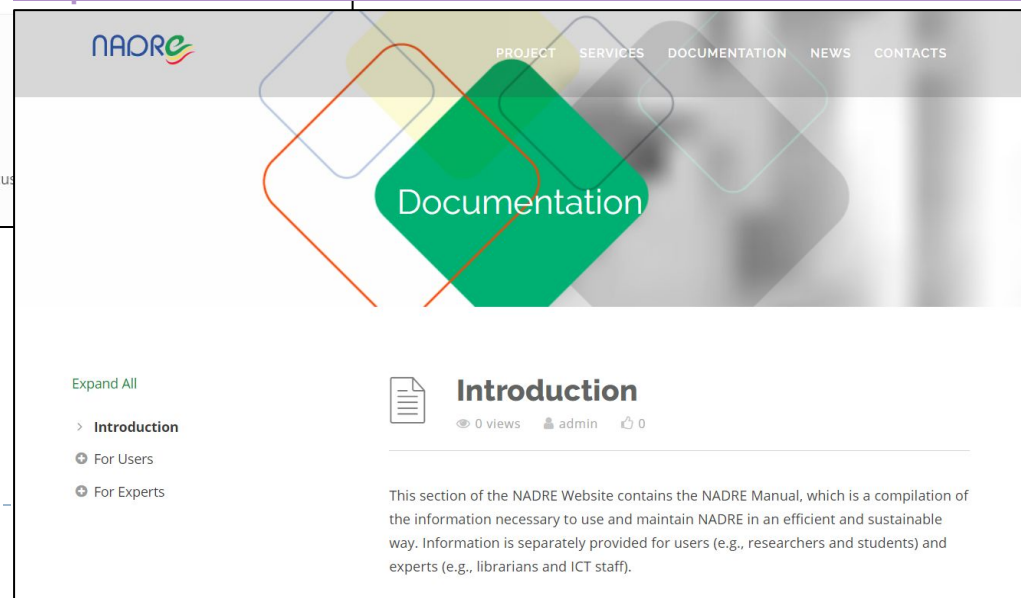


Agenda

A tool to manage from simple lectures to complex conferences

A discuss

<https://nadreweb.ethernet.edu.et/doc/documentation>



NADRE Outreach

(<https://agenda.ethernet.edu.et/category/1/>)



The (pilot of the) INFN Open Access Repository

(Developed since 2014)

- Intended to be a single entry point for the manual/automated deposit of research outputs and all sort of digital assets (images, drawings, videos, other multimedia, etc.)
- Integrated with INFN AAI
- Bidirectionally linkable with other Open Access publications' (e.g.: arXiv, INSPIRE-HEP, OpenAIRE, SCOAP³, etc.) data (e.g.: "EOSC", EUDAT, re3data, etc.) and researchers' identity (e.g.: ORCID) providers
- Fully standard-compliant and certified:

The image displays two screenshots from the INFN Open Access Repository website. The top screenshot shows the 'Registration Record' page, which is a table with two columns: 'element name' and 'element value'. The 'Repository Name' field is highlighted with a red box and contains the text 'Open Access Repository'. Other fields include 'Base URL' (http://www.openaccessrepository.it/oa2d), 'Protocol Version' (2.0), 'Email' (librarian@openaccessrepository.it), 'Registration Date' (2014-05-06T10:47:29Z), 'Date Last Validated' (Tue May 6 10:47:29 2014), and 'OAI Repository ID' (www.openaccessrepository.it). Below the table, there is a note about updating information and a link to 'OpenDOAR'. The bottom screenshot shows the 'OpenDOAR' search results page for 'Open Access Repository'. The 'UR:' field is highlighted with a red box and contains the URL 'http://www.openaccessrepository.it/'. Other details include 'Organisation: INFN', 'Address: Via Salaria 62, Catania', 'Country: Italy', 'Location: Latitude: 37.526700 & Longitude: 15.073100', 'Description: Open Access repository of INFN publications and data...', 'Type: Institutional - Operational', 'Size: 2026 items (2014-05-19)', 'OAI-PMH: http://www.openaccessrepository.it/oa2d', 'Software: invenio', 'Subjects: Physics and Astronomy', and 'Content: Articles, Conferences, Datasets, Multimedia, Software; Special Languages: English'. The bottom screenshot also shows the 'EXPLORE' logo and a search bar with the text 'SEARCH SHARE LINK CONTENT PROVIDERS SIGN IN'. Below the search bar, there is a 'Metrics' section showing '562 views in OpenAIRE', '0 views in local repository', and '0 downloads in local repository'. A table below the metrics shows the number of publications, research data, software, other research products, organizations, statistics, and metrics.

element name	element value
Base URL	http://www.openaccessrepository.it/oa2d
Repository Name	Open Access Repository
Protocol Version	2.0
Email	librarian@openaccessrepository.it
Registration Date	2014-05-06T10:47:29Z
Date Last Validated	Tue May 6 10:47:29 2014
OAI Repository ID	www.openaccessrepository.it

OpenDOAR Search or Browse for Repositories

Open Access Repository

UR: http://www.openaccessrepository.it/

Organisation: INFN

Address: Via Salaria 62, Catania

Country: Italy

Location: Latitude: 37.526700 & Longitude: 15.073100, Google Map

Description: Open Access repository of INFN publications and data, to be eventually extended to other organisations. The interface is in English.

Type: Institutional - Operational

Size: 2026 items (2014-05-19)

OAI-PMH: http://www.openaccessrepository.it/oa2d

Software: invenio

Subjects: Physics and Astronomy

Content: Articles, Conferences, Datasets, Multimedia, Software; Special Languages: English

EXPLORE

SEARCH SHARE LINK CONTENT PROVIDERS SIGN IN

Results with funding information: 1,439

OAI-PMH: http://www.openaccessrepository.it/oa2d →

Detailed content provider information (OpenDOAR) →

Countries: Italy

Publications (7,005)	+
Research Data (0)	+
Software (0)	+
Other Research Products (2,157)	+
Organizations (1)	+
Statistics	+
Metrics	+

Metrics

562 views in OpenAIRE

0 views in local repository

0 downloads in local repository

The new INFN Open Access Repository

(<https://openaccessrepository.it>)

(Conceptual Design Report in preparation)

The screenshot displays the INFN Open Access Repository interface. At the top, there is a search bar, an 'Upload' button, and a 'Communities' dropdown menu. The main content area is titled 'Latest entries' and lists three publications:

- March 27, 2019 (vour-1.0)** | Software | Open Access
osct/zenodo: INFN OAR First release
View
Lars Holm Nielsen; Alex Ioannidis; Krzysztof Nowak; Adrian Baran; Chiara Bi; Marco Fargetta; Samuele Kaplun; Sami Hiltunen; Aman Jain; Javier Delgado Fernández; Xiao Meng; Tibor Šimko; Rushal Verma; Odd; Katrin Leinweber; Jiri Kuncar; Vedant Rathore; Harris Tzovanakis; Manan Pal Singh; Megan Potterbusch; Kishan Sagathiya; João Gonçalves; Johnny Mariéthoz; Esteban J. G. Gabancho; David Zerulla; Dan Blanchard; Bruno Cuc; Bertrand Néron; Antonin Delpeuch; Amit Kapadia
Customised version of Zenodo deployed at INFN. Compared to the original Zenodo, this includes some additional configuration parameters and the possibility to integrate with an application server authentication method, such as Shibboleth.
Uploaded on March 27, 2019
- March 10, 2010 (v1)** | Presentation | Open Access
Performance Analyses of EGEE-like Grids in Asia and Latin America
View
Fargetta, Marco; Scardaci, Diego; Cluffo, Leandro N.
Evaluate the status of several EGEE-like infrastructures outside of Europe
Uploaded on March 18, 2019
- November 24, 2015** | Book section | Open Access
MEASUREMENT OF FORWARD AND BACKWARD MEAN CHARGED-PARTICLE MULTIPLICITIES IN HIGH-ENERGY (pp) SOFT INTERACTIONS AND COMPARISON WITH HIGH-ENERGY NEUTRINO AND ANTINEUTRINO DEEP INELASTIC SCATTERING
View
M. BASILE; G. BONVICINI; G. CARA ROMEO; L. CIFARELLI; A. CONTIN; M. CURATOLO; G. D'ALI; C. DEL PAPA; B. ESPOSITO; P. GIUSTI; T. MASSAM; R. NANIA; G. SARTORELLI; G. SUSINNO; L. VOTANO; A. ZICHICHI
Uploaded on March 7, 2019
- February 13, 2019** | Book section | Open Access
Low cost SiPM-based detector for the measurement of the energy loss of a proton beam, with particular focus on the Bragg peak
View
F. Boido; G. Branda; F. Filippa; A. Lovisolo; A. Massolino; V. Pagliarino; R. Ponte; A. Robino; F. Serra

On the right side, there is a section titled 'INFN Open Access Repository at a glance' with a list of features:

- Research. Shared.** — all research outputs from across all domains of INFN research are welcome!
- Findable. Citeable. Discoverable.** — each upload gets a Digital Object Identifier (DOI) to make it easily and uniquely citeable. You can (automatically) link your research outputs to your ORCID profile.
- Communities** — create and curate your own community for a workshop, project, Division, Laboratory, service, journal, etc. into which you can accept or reject uploads.
- Funding** — you can associate an upload to the grant that has funded the work.
- Flexible licensing** — you can choose among several licenses. You can also upload closed or embargoed research outputs.

Below this is a 'Tweets by @INFN_' section showing a tweet from Andrea Bettini (@andreabettini) retweeted by INFN, dated 'Stasera alle 20.40 su RaiNews24 #FUTURO24 vi porterà dentro @ego_virgo, uno dei tre luoghi del pianeta dove si possono captare le onde gravitazionali. Sarà riattivato lunedì dopo 18 mesi di lavori per renderlo ancora più sensibile'. The tweet includes two images: one of a person in a dark environment and another of a large particle detector structure.

□ Powered by:

□ Invenio 3

□ Zenodo

□ (Some) improvements w.r.t. «classic» Zenodo:

□ **SAML-based AuthN (it is an SP of both IDEM and eduGAIN and also supports «homeless users»)**

□ **Fully parameterisable configuration and customisation**

□ **Compliant with Plan S requirements (only text mining missing)**

□ **Open to non-INFN users**

The NADRE «Bootcamp»

(<https://agenda.ethernet.edu.et/e/nadre-bootcamp>)



NADRE "Bootcamp"

6-21 May 2019

Department of Physics and Astronomy "E. Majorana" of the University of Catania

Europe/Rome timezone



Overview

Timetable

Contact

✉ [nadre-support@ethernet...](mailto:nadre-support@ethernet.edu.et)

Objectives

The objective of the NADRE "Bootcamp" is twofold:

- Upgrade the NADRE repository with the same Digital Asset Management System (DAMS) that powers the INFN Open Access Repository, which is based on Invenio and Zenodo software, and migrate all the contents from the old repository to the new one.
- Deploy new institutional repositories with clones of the new NADRE repository for all 1st and 2nd generation Ethiopian universities.

Expected participants

Expected participants are either computer scientists or software engineers with a solid background and experience of managing and operating digital repositories. Digital librarians are also targeted. A previous knowledge of the current version of the NADRE repository is a plus.

everybody
welcome



Grazie !