

# INFN Open Access Repository – Quick «How-To»

R. Barbera  
([roberto.barbera@ct.infn.it](mailto:roberto.barbera@ct.infn.it))

15 aprile 2020 – Version 2

# Outline

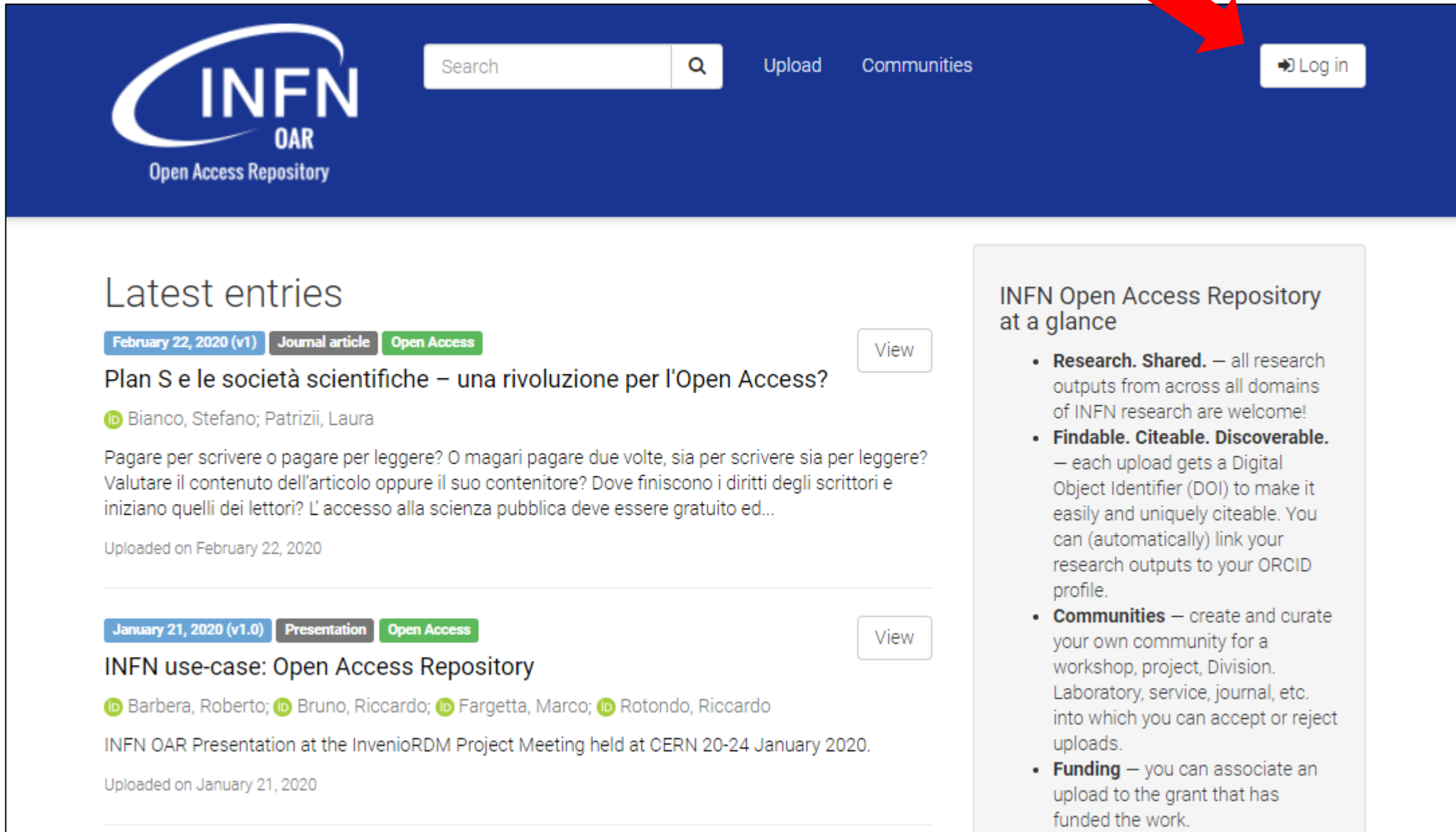
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- How to access the INFN Open Access Repository?
- How to upload contents on the INFN Open Access Repository?
- How to browse/create existing/new communities?
- How to get support?
- Additional information and context



# **How to access the INFN Open Access Repository?**

# Login (<http://openaccessrepository.it>)




The screenshot shows the top navigation bar of the INFN Open Access Repository. On the left is the INFN OAR logo. In the center is a search bar. To the right of the search bar are links for 'Upload' and 'Communities'. On the far right is a 'Log in' button, which is highlighted by a red arrow.

## Latest entries

**February 22, 2020 (v1)** **Journal article** **Open Access** [View](#)

### Plan S e le società scientifiche – una rivoluzione per l'Open Access?

 Bianco, Stefano; Patrizii, Laura





Pagare per scrivere o pagare per leggere? O magari pagare due volte, sia per scrivere sia per leggere? Valutare il contenuto dell'articolo oppure il suo contenitore? Dove finiscono i diritti degli scrittori e iniziano quelli dei lettori? L'accesso alla scienza pubblica deve essere gratuito ed...

Uploaded on February 22, 2020

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**January 21, 2020 (v1.0)** **Presentation** **Open Access** [View](#)

### INFN use-case: Open Access Repository

 Barbera, Roberto;  Bruno, Riccardo;  Fargetta, Marco;  Rotondo, Riccardo

INFN OAR Presentation at the InvenioRDM Project Meeting held at CERN 20-24 January 2020.


Uploaded on January 21, 2020

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## INFN Open Access Repository at a glance


- **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.


# Login




Log in


 Log in with your organisation


 Log in with GitHub


 Log in with ORCID

— OR —

Email Address 

Password 

 Log In



# Login

**SELECT YOUR IDENTITY FEDERATION**

**Catch-all** GrIDP

**Worldwide** eduGAIN

**Italy** IDEM

**Not Sure? Click Here**

Click here if you have credentials issued by IDPOPEN (see next slide)

Click here if you have federated credentials and you're coming from outside Italy

Click here if you have federated credentials from an Italian University or Research Organisation

Click here if you don't have any federated credentials (see next slide)

**What if you don't have any federated credentials?**  
**(Others, jump to slide no. 13)**

Go to <https://idpopen.garr.it/> and register yourself

The screenshot shows the registration page with a navigation bar at the top containing 'About', 'Service Providers', 'Documentation', 'Register', and 'Log-in'. Below the navigation bar is a graphic with a central padlock icon, 'People' on the left, and 'Services' on the right, connected by lines to icons of people and computers. The main content area is titled 'Register' and contains a 'Personal information' section with the following fields: 'Given Name\*', 'Family Name\*', 'Title', 'Address', 'Phone', 'Desired username\*' (with 'barbera' entered), 'Password\*', 'Confirm password\*', 'Country\*' (with a 'Select Country' dropdown), 'Organisation\*' (with a 'Select Organisation' dropdown), 'Institutional Email Address\*', and 'Additional Email Addresses\*'. A 'register' button is located at the bottom of the form. A 'Note' section at the bottom states: 'If you would change your password or other information please log-in to the IdP service following the Account link on the top right corner'. The footer text reads 'Hosted by GARR Managed by UNICT and INFN'.

Use institutional email addresses



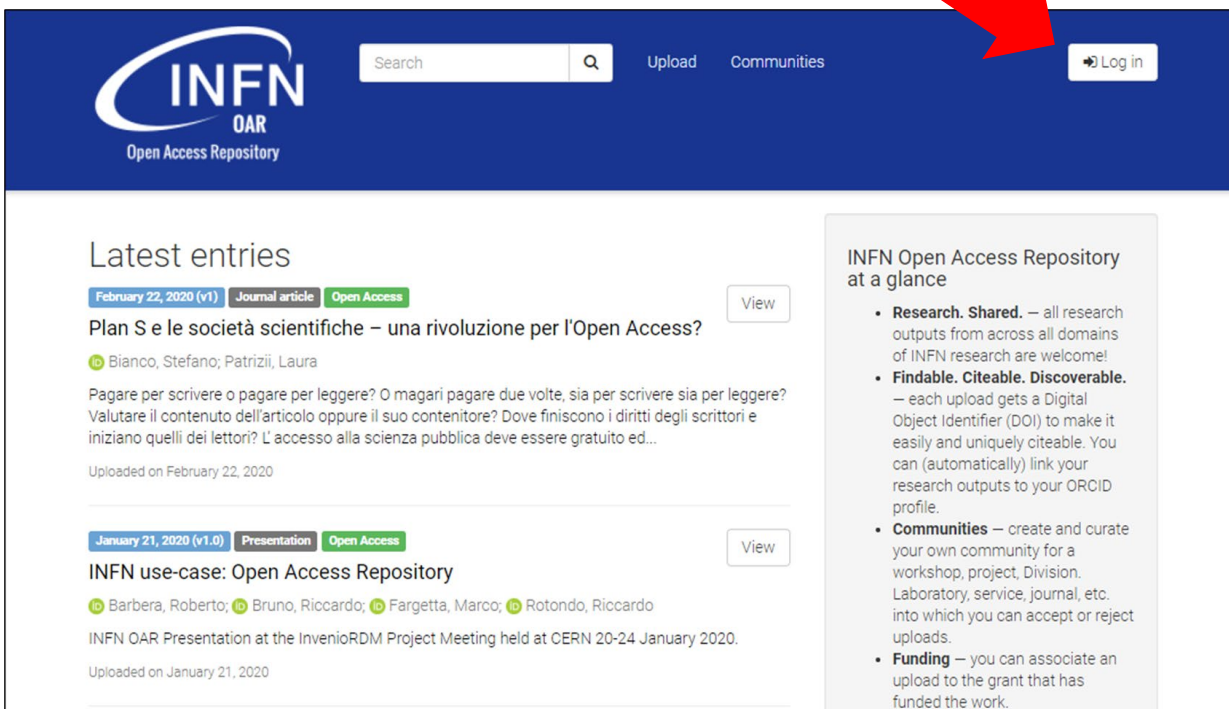
**Note: registration needs human intervention for approval**

**You will get your credentials in 1-2 working days**



# Login

(<http://openaccessrepository.it>)



The screenshot shows the INFN Open Access Repository (OAR) website. The top navigation bar is dark blue with the INFN OAR logo on the left, a search bar, and links for 'Upload', 'Communities', and 'Log in'. A red arrow points to the 'Log in' button. Below the navigation bar, there are sections for 'Latest entries' and 'INFN Open Access Repository at a glance'.

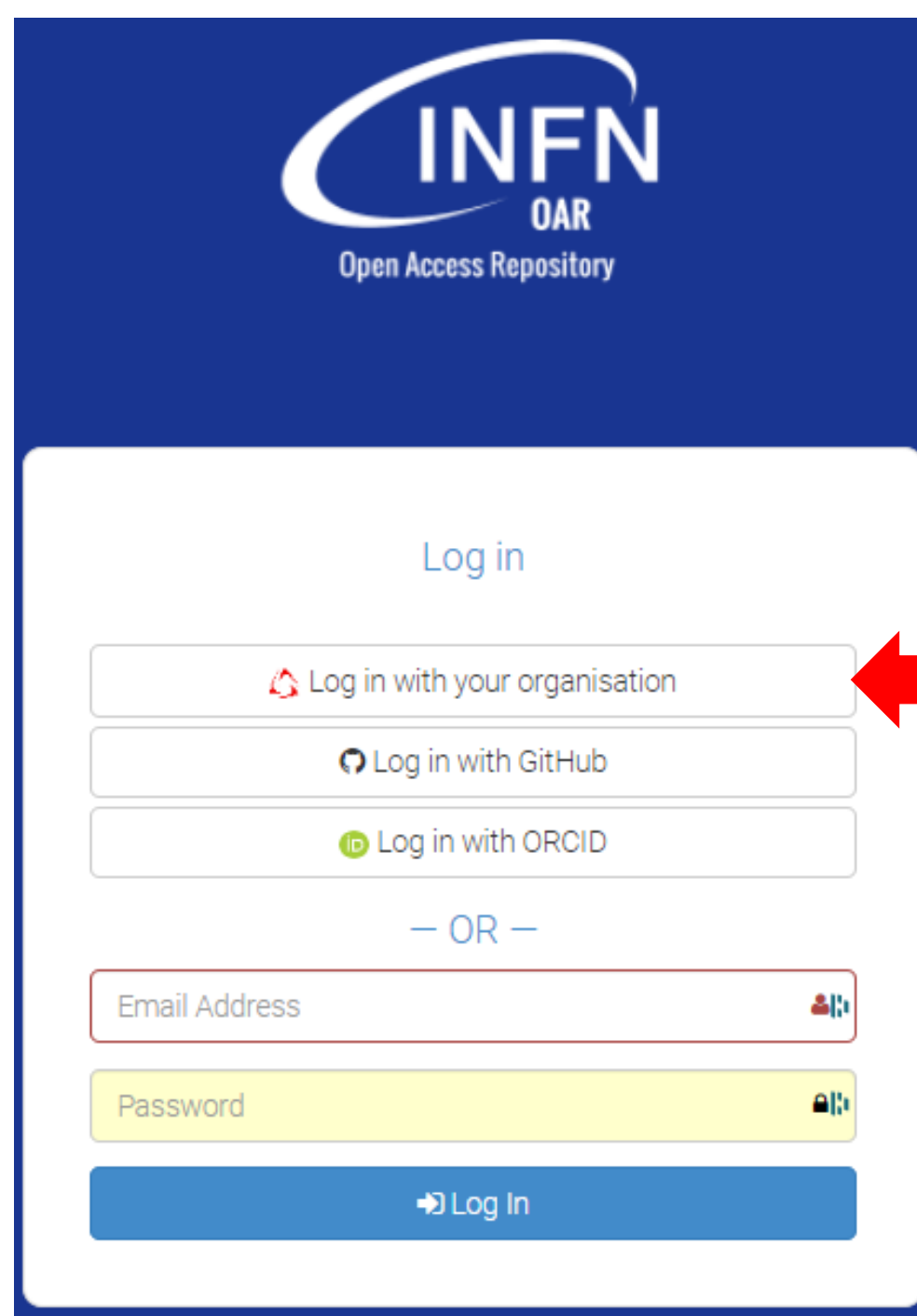
**Latest entries**

February 22, 2020 (v1) Journal article Open Access View  
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Bianco, Stefano; Patrizii, Laura  
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The screenshot shows the INFN Open Access Repository (OAR) login page. The page has a dark blue header with the INFN OAR logo and the text 'Open Access Repository'. The main content area is white and contains the title 'Log in' and three buttons for logging in: 'Log in with your organisation', 'Log in with GitHub', and 'Log in with ORCID'. Below these buttons is a separator '– OR –' and a form with fields for 'Email Address' and 'Password', and a 'Log In' button. A red arrow points to the 'Log in with your organisation' button.

**Log in**

Log in with your organisation

Log in with GitHub

Log in with ORCID

– OR –

Email Address

Password

Log In

# Login

 SELECT YOUR IDENTITY FEDERATION

 Catch-all	GrIDP	 ←
 Worldwide	eduGAIN	
 Italy	IDEM	

 Not Sure ?  
Click Here 

# Login

 SELECT YOUR IDENTITY PROVIDER

 **IDPOPEN**   
Catch-all

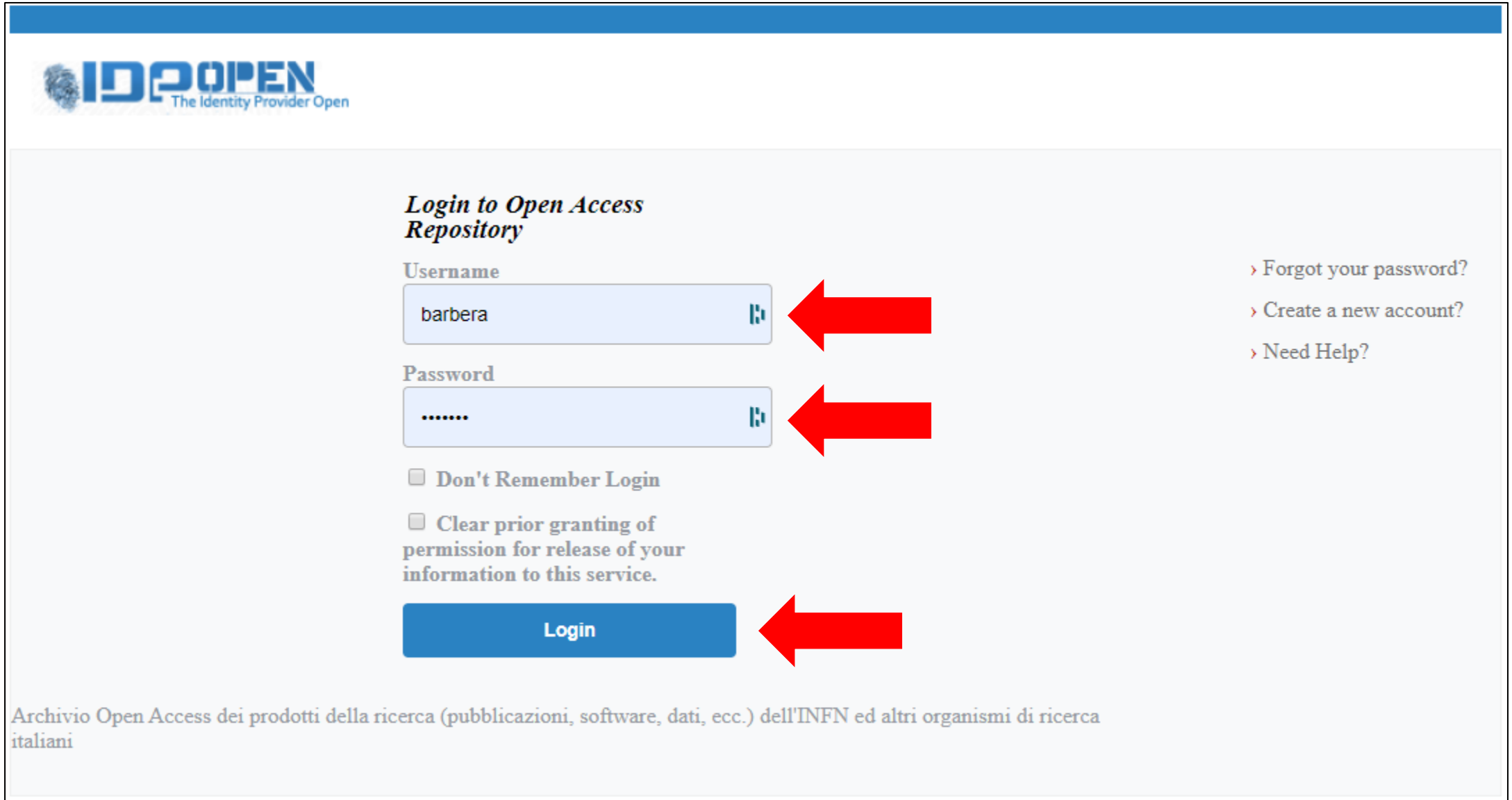
 **Social Networks' Bridge IdP**   
Social

 **DZ ARN IDP**   
Algeria

 **EGI.eu**   
The Netherlands



# Login



**IDP OPEN**  
The Identity Provider Open

*Login to Open Access Repository*

Username  
barbera

Password  
.....

Don't Remember Login

Clear prior granting of permission for release of your information to this service.

Login

[› Forgot your password?](#)  
[› Create a new account?](#)  
[› Need Help?](#)

Archivio Open Access dei prodotti della ricerca (pubblicazioni, software, dati, ecc.) dell'INFN ed altri organismi di ricerca italiani

# After a successful login (<http://openaccessrepository.it>)

**INFN OAR**  
Open Access Repository

Search

Upload Communities

roberto.barbera@ct.infn.it

## Latest entries

February 22, 2020 (v1) Journal article Open Access View

### Plan S e le società scientifiche – una rivoluzione per l'Open Access?

Bianco, Stefano; Patrizii, Laura

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Uploaded on February 22, 2020

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January 21, 2020 (v1.0) Presentation Open Access View

### INFN use-case: Open Access Repository

Barbera, Roberto; Bruno, Riccardo; Fargetta, Marco; Rotondo, Riccardo

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# Complete your profile (1/2)

INFN  
OAR  
Open Access Repository

Search [ ] [Q] Upload Communities

roberto.barbera@ct.infn.it

- Profile
- Security
- Linked accounts
- Applications
- Shared links
- GitHub
- Administration
- Log out

## Latest entries

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# Complete your profile (2/2) – fill all fields and update your profile

Home / Account / Profile

**Settings**

- Profile
- Security
- Linked accounts
- Applications
- Shared links
- GitHub
- Administration

**Profile**

**Username**


Required. Username must start with a letter, be at least three characters long and only contain alphanumeric characters, dashes and underscores.

**Full name**

**Email address**

**Re-enter email address**

Please re-enter your email address.

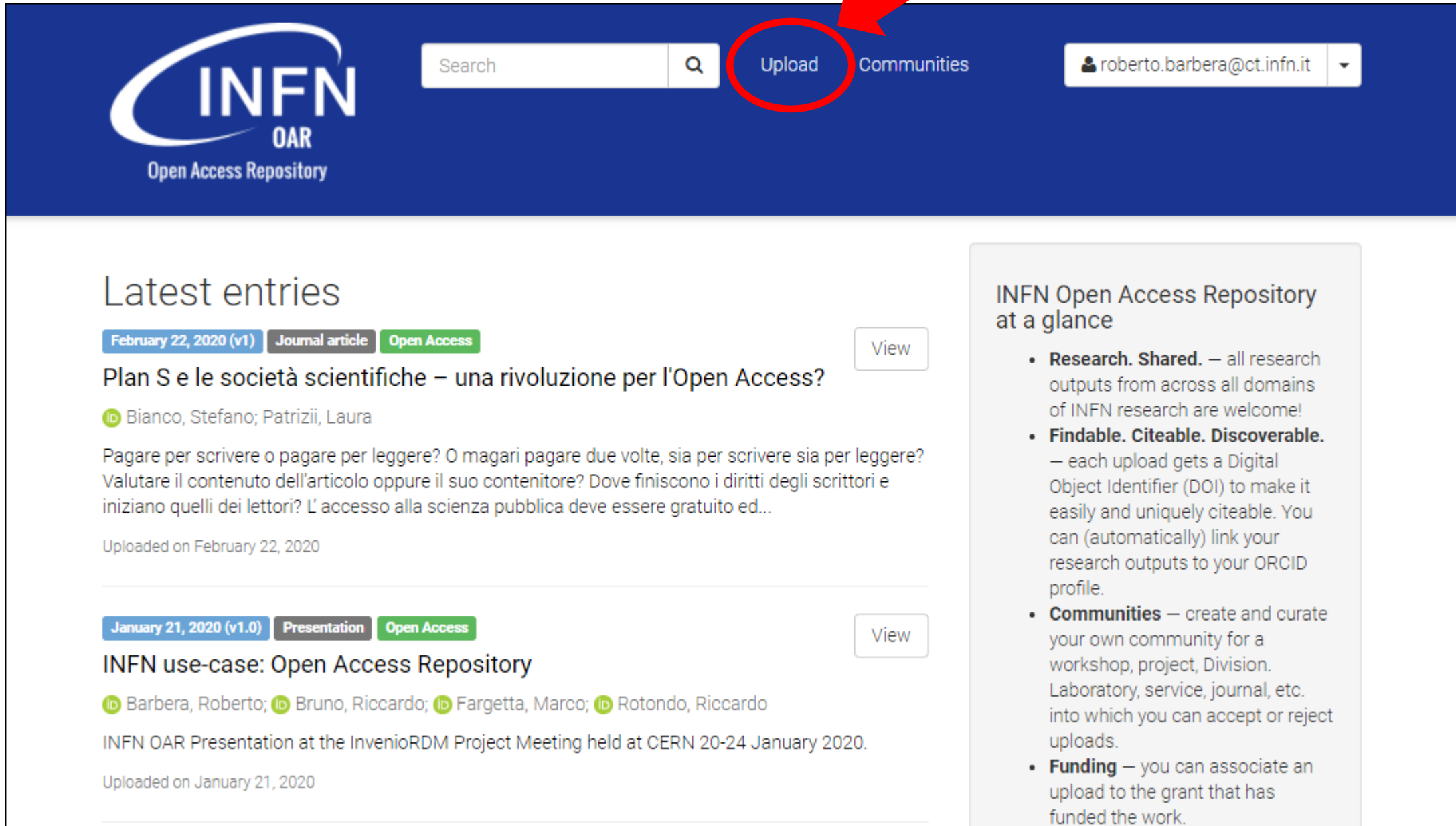


# **How to upload contents on the INFN Open Access Repository?**



# Upload contents

Click on Upload



The screenshot shows the top navigation bar of the INFN Open Access Repository. The 'Upload' button is circled in red, and a red arrow points to it from the text 'Click on Upload' located above the navigation bar. The navigation bar also includes a search box, a 'Communities' link, and a user profile dropdown for 'roberto.barbera@ct.infn.it'.

**INFN OAR**  
Open Access Repository

Search [ ] [Q] **Upload** Communities [roberto.barbera@ct.infn.it ▼]

## Latest entries

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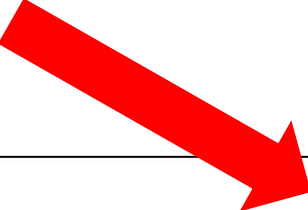
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# Upload contents

Click on New Upload



Search uploads...

Sort

**CovidStat @ INFN Open Access Repository**

Created Apr 10, 2020 2:56:49 PM, modified Apr 10, 2020 3:06:20 PM

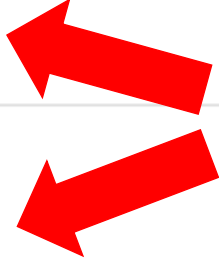
---

**Open Science in action**

Created Dec 4, 2019 8:10:28 AM, modified Dec 4, 2019 9:15:00 PM

< 1 >

Past uploads



# Select the file to be uploaded

**First, select the file**

**Instructions:** (i) Upload minimum one file or fill-in required fields (marked with a red star ). (ii) Press "Save" to save your work for editing later. (iii) When ready, press "Publish" to finalize and make your upload public.

Files ▼

📁 Choose files 🚀 Start upload

Drag and drop files here

— or —

📁 Choose files

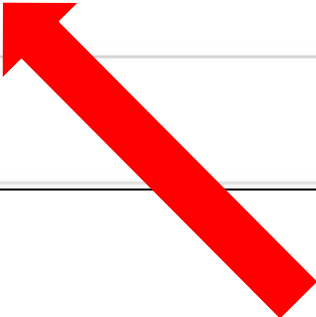
(minimum 1 file required, max 50 GB per dataset - [contact us](#) for larger datasets)

**Then, start the transfer**

# Select the Community/ies your upload should belong to

Communities ? recommended ▼

Start typing a community name... 🔍



**You can associate an upload to more than one community**

# Select the type of upload

Upload type required ▾

Publication  Poster  Presentation  Dataset  Image  Video/Audio  Software  Lesson  Other

Publication type

In case of a Publication,  
click to select the type

- Journal article
- Book
- Book section
- Conference paper
- Journal article**
- Patent
- Preprint
- Project deliverable
- Project milestone
- Proposal
- Report
- Software documentation
- Thesis
- Technical note
- Working paper
- Other

# Provide some basic information (1/2)

Leave this empty unless your upload already has a DOI

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 DOI once it has been registered by us, while it is always possible to edit a custom DOI.

**Publication date \***

Required. Format: YYYY-MM-DD. In case your upload was already published elsewhere, please use the date of first publication.

**Title \***

Required.

**Authors \***

Optional.

[+ Add another author](#)

DOIs are automatically minted so you should not need reservation in most cases

Comply with the format

Including ORCID ID is highly recommended  
If you don't have one, go to <https://orcid.org/signin>

# Provide some basic information (2/2)

**Description \***

Rich text editor toolbar with icons for undo, redo, bold, italic, strikethrough, subscript, superscript, link, unlink, bulleted list, numbered list, decrease indent, increase indent, quote, insert table, left arrow, right arrow, link, sum, and omega.

Sorgente

Required.

**Version**

Optional. Mostly relevant for software and dataset uploads. Any string will be accepted, but semantically-versioned tag is recommended.  
See [semver.org](https://semver.org) for more information on semantic versioning.

**Language**

e.g.: 'eng', 'fr' or 'Polish'

Optional. Primary language of the record. Start by typing the language's common name in English, or its ISO 639 code (two or three-letter code).  
See [ISO 639 language codes list](#) for more information.

**Keywords**

+ Add another keyword

**Additional notes**





Optional.

**Important: one keyword per line, not many in the same line**

# Select access right and license

License required ▼

**Access right \***

-  Open Access
-  Embargoed Access
-  Restricted Access
-  Closed Access

Required. (Open access uploads have considerably higher visibility)

**License \***

Creative Commons Attribution 4.0

Required. Selected license applies to all of your files displayed on the top of the form. If you want to upload some of your files under different licenses, please do so in separate uploads. If you cannot find the license you're looking for, include a relevant LICENSE file in your record and choose one of the *Other* licenses available (*Other (Open)*, *Other (Attribution)*, etc.). The supported licenses in the list are harvested from [opendefinition.org](https://opendefinition.org) and [spdx.org](https://spdx.org). If you think that a license is missing from the list, please [contact us](#).

Creative Commons -> <https://creativecommons.org/share-your-work/licensing-examples/>

Software licenses -> <https://choosealicense.com/licenses/>



# Provide funding information, if available

Funding recommended ▾

The INFN Open Access Repository is integrated into reporting lines for research funded by the European Commission via [OpenAIRE](#). Specify grants which have funded your research, and we will let your funding agency know!

**@ Grants**   ×

Optional. OpenAIRE-supported projects only. For other funding acknowledgements please use the *Additional Notes* field.  
Note: a human INFN Open Access Repository curator will need to validate your upload - you may experience a delay before it is available in OpenAIRE.

[+ Add another grant](#)



**Add all relevant grants**



**Fill this part only if your upload refers to an EU funded project**

# Recommended: provide related/alternate identifiers, if any

Related/alternate identifiers recommended

Specify identifiers of related publications and datasets. Supported identifiers include: DOI, Handle, ARK, PURL, ISSN, ISBN, PubMed ID, PubMed Central ID, ADS Bibliographic Code, arXiv, Life Science Identifiers (LSID), EAN-13, ISTC, URNs and URLs.

**Related identifiers**

[+ Add another related identifier](#)

**Click & specify the relations  
of your upload to other  
contents either on INFN  
OAR or elsewhere**

- cites this upload
- is cited by this upload
- is supplemented by this upload
- is a supplement to this upload
- is referenced by this upload
- references this upload
- is previous version of this upload
- is new version of this upload
- has this upload as part
- is part of this upload
- documents this upload
- is documented by this upload
- is compiled/create by this upload
- compiled/created this upload
- is identical to this upload
- is an alternate identifier of this upload

# Provide additional information, save and submit your upload

Open the additional fields  
and fill them (if/as needed)

Contributors	optional >
References	optional >
Journal	optional >
Conference	optional >
Book/Report/Chapter	optional >
Thesis	optional >
Subjects	optional >
<input type="button" value="Delete"/>	<input type="button" value="Save"/> <input type="button" value="Publish"/>

First «Save» your upload

Then «Publish» it to submit it

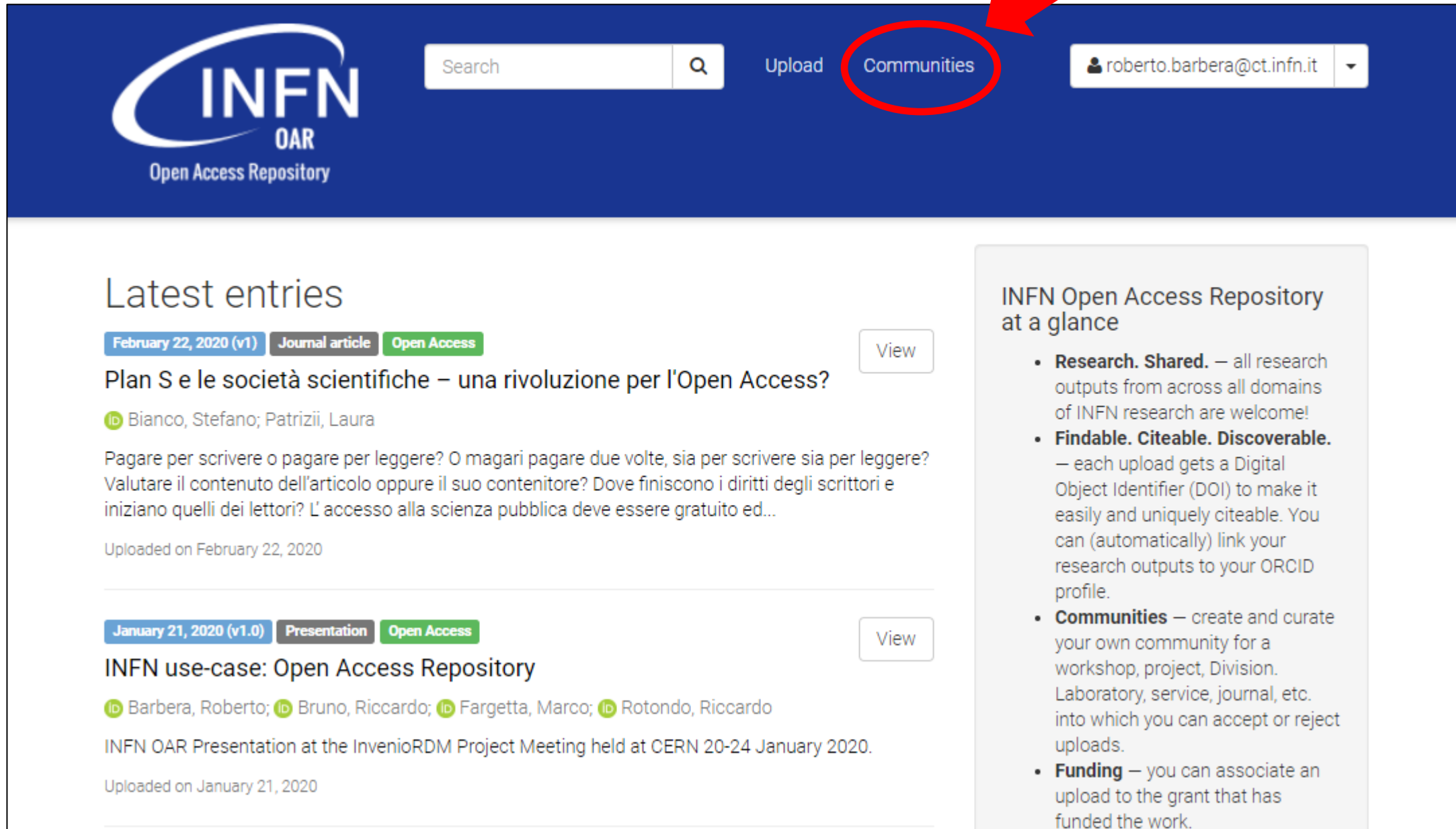
# What happens when you submit your upload?

- You receive an email saying that your upload has been committed
- The curator(s) of the community(ies) you selected in the upload form receive(s) an email with the request to approve/deny the addition of your upload in the community(ies)
- If the request(s) is(are) accepted, your upload will become visible in the page(s) of the selected community(ies)

**How to browse/create existing/new communities?**

# Browse communities (1/2)

Click on Communities



**INFN**  
OAR  
Open Access Repository


Search

Upload **Communities**

## Latest entries

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January 21, 2020 (v1.0) **Presentation** **Open Access**

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# Browse communities (2/2)

 Communities created and curated by INFN Open Access Repository users

Search communities

Showing 0 to 8 out of 8 communities.

Sort by ▾

Associazione italiana per la promozione della scienza aperta (AISA)

View

Collection of videos, writings and presentation slides from the events organized by the Associazione italiana per la promozione della scienza aperta.

Curated by: MLO\_Pievatolo

INFN

View

Contains research outputs and other types of contents produced by INFN affiliated (staff, research associates, etc.)

Curated by: INFN

My communities

New

COVIDSTAT-INFN

Identifier: covidstat-infn

Actions ▾

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

Identifier: dfa

Actions ▾

PALMS

View

PALMS (Physical Activity Lifelong Modelling & Simulation) is an agent-based micro-simulation that predicts the lifelong physical activity behavior of individuals of a population and its effect on their quality of life. The simulation can be used to...

Curated by: anabrunel

University of Innsbruck

View

Test community for University of Innsbruck.

Curated by: thomas\_haselwanter

Istituto Zooprofilattico Sperimentale della Sicilia

View

Contains research outputs and other types of contents produced by IZS Sicilia affiliated (staff, research associates, etc.)

Curated by: pietrolaplaca

COVIDSTAT-INFN

View

Curate

CovidStat is a project carried out by the CovidStat Working Group at INFN, whose creation was promoted within the Italian National Institute of Nuclear Physics with the aim of making a statistical analysis of the data provided daily by the Civil...

Curated by: roberto\_barbera

**Click on View to browse the contents belonging to a community**



# Create a new community (1/2)

**Communities** created and curated by INFN Open Access Repository users

Search communities

Showing 0 to 8 out of 8 communities. Sort by ▾

- Associazione italiana per la promozione della scienza aperta (AISA)** View  
Collection of videos, writings and presentation slides from the events organized by the Associazione italiana per la promozione della scienza aperta.  
Curated by: MLO\_Pievatolo
- INFN** View  
Contains research outputs and other types of contents produced by INFN affiliated (staff, research associates, etc.)  
Curated by: INFN
- PALMS** View  
PALMS (Physical Activity Lifelong Modelling & Simulation) is an agent-based micro-simulation that predicts the lifelong physical activity behavior of individuals of a population and its effect on their quality of life. The simulation can be used to...  
Curated by: anabrunel
- University of Innsbruck** View  
Test community for University of Innsbruck.  
Curated by: thomas\_haselwanter
- Istituto Zooprofilattico Sperimentale della Sicilia** View  
Contains research outputs and other types of contents produced by IZS Sicilia affiliated (staff, research associates, etc.)  
Curated by: pietrolaplaca
- COVIDSTAT-INFN** View Curate  
CovidStat is a project carried out by the CovidStat Working Group at INFN, whose creation was promoted within the Italian National Institute of Nuclear Physics with the aim of making a statistical analysis of the data provided daily by the Civil...  
Curated by: roberto\_barbera

**My communities** New

- COVIDSTAT-INFN** Actions ▾  
Identifier: covidstat-infn
- Department of Physics and Astronomy 'E. Majorana' of the University of Catania** Actions ▾  
Identifier: dfa

**Click on New to create a new community**



# Create a new community (2/2) - fill the form and then “Create”

## New community

Information ▾


Identifier

Required. Only letters, numbers and dash are allowed. The identifier is used in the URL for the community collection, and cannot be modified later.

Title

Required.

Description



Optional. A short description of the community collection, which will be displayed on the index page of the community.

Curation Policy



Optional. Please describe briefly and precisely the policy by which you accepted/reject new uploads in this community.

Page



Optional. A long description of the community collection, which will be displayed on a separate page linked from the index page.

Logo

Nessun file selezionato

Optional. Image file used to aid and promote instant public recognition. Supported formats: PNG, JPG and SVG. Max file size: 1.5 MB


Create

**What if something goes wrong  
and you need support?**

# Scroll the INFN OAR home page till the end

June 2, 2019 (v1) Software Open Access View

### Valutazione Rischio Chimico\_LNF

 Cantone, Claudio


Il file è un foglio di calcolo Microsoft Excel che implementa un algoritmo, approvato dalle Regioni Emilia Romagna, Lombardia e Toscana che è reperibile on line, gratuitamente, all'indirizzo <http://www.ausl.mo.it/dsp/movarisch> . Lo scopo del file è solo informativo per consentire ai Ricercatori...

Uploaded on June 2, 2019

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May 9, 2019 (v2) Presentation Open Access View

### Plan S e accesso aperto: fra principi, mercato e processi valutativi della ricerca

 Stefano Bianco

Presentation by Stefano Bianco at the conference "I costi della conoscenza", Pisa May 9th 2019.


Uploaded on May 17, 2019  
*1 more version(s) exist for this record*

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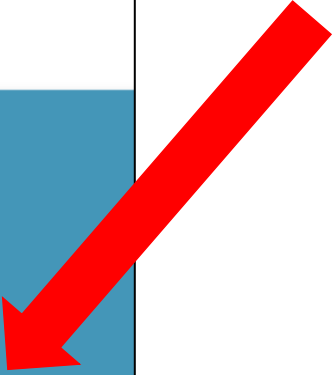
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# Fill the form and submit it

## Contact us

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All requests related to updating files in already published record(s). This includes new file addition, file removal or file replacement. Before sending a request, please consider creating a [new version](#) of your upload. Please first consult our [FAQ](#) to get familiar with the file update conditions, to see if your case is eligible.

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1. Provide a justification for the file change in the description.
2. Mention any use of the record(s) DOI in publications or online, e.g.: list papers that cite your record and provide links to posts on blogs and social media. Otherwise, state that to the best of your knowledge the DOI has not been used anywhere.
3. Specify the record(s) you want to update by the INFN Open Access Repository URL, e.g.: "https://www.openaccessrepository.it/record/8428".  
Providing only the record's title, publication date or a screenshot with search result is not explicit enough.
4. If you want to delete or update a file, specify it by its filename, and mention if you want the name to remain as is or changed (by default the filename of the new file will be used).
5. Upload the new files below or provide a publicly-accessible URL(s) with the files in the description.

**Not providing full information on any of the points above will significantly slow down your request resolution**, since our support staff will have to reply back with a request for missing information.

Subject

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How can we help?

Required.

Drag files anywhere or click [here](#) to upload

Optional. Max attachments size: 10.0 MB

Browser & OS **Operating System:** Windows 10 - **Browser:** Chrome 81.0.4044

Include this information to assist us with narrowing down the cause of your problem.

Select the category of the problem you have

Describe your problem as clearly as possible

Upload screenshot(s) with error message(s), if appropriate

# That's it with the “how-to”!

You can now  
either

go to <https://openaccessrepository.it> and  
enjoy the INFN Open Access Repository

or

read the next slides to get some  
additional information

# **Additional information and context**

# INFN Open Access Repository – Initial Requirements

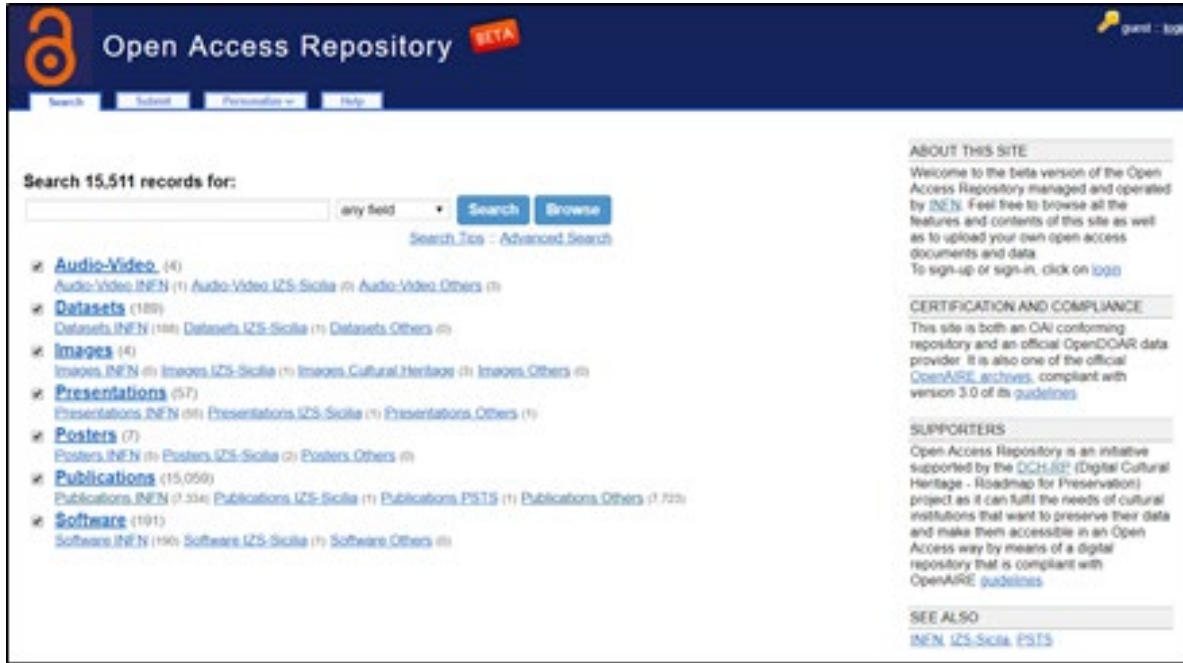
- Compliant with Plan S
- Supports widely adopted protocols
- Able to store all kinds of digital assets
- Able to automatically harvest and store INFN-authored documents from other repositories
- Supports the management during the periodic national research assessments (VQR)
- Increases the visibility of both INFN research and researchers
- Compliant with the guidelines of the European Open Science Cloud (EOSC)

# INFN OAR - the underlying DAMS ->

- Open source
- Deployable on a local infrastructure (i.e., not a hosted service)
- Compliant with main bibliographic standards (e.g., [DCMI](#), [Marc21](#), [OAI-PMH](#))
- Can store all kinds of research outputs
- Large community
  - Co-developed by a large international collaboration comprising institutes such as CERN, DESY, EPFL, FNAL, SLAC and used as institutional Digital Asset Management System (DAMS) by tens of scientific institutions worldwide
- Active development
- Scalability
  - the CERN Document Server operates and manages since 2002 more than 0.7 million records in high-energy physics, covering articles, books, journals, photos, videos, and more
  - Zenodo currently hosts about 1.5 million records belonging to various disciplines
- Experience
  - Work with Invenio at INFN Catania since 2006



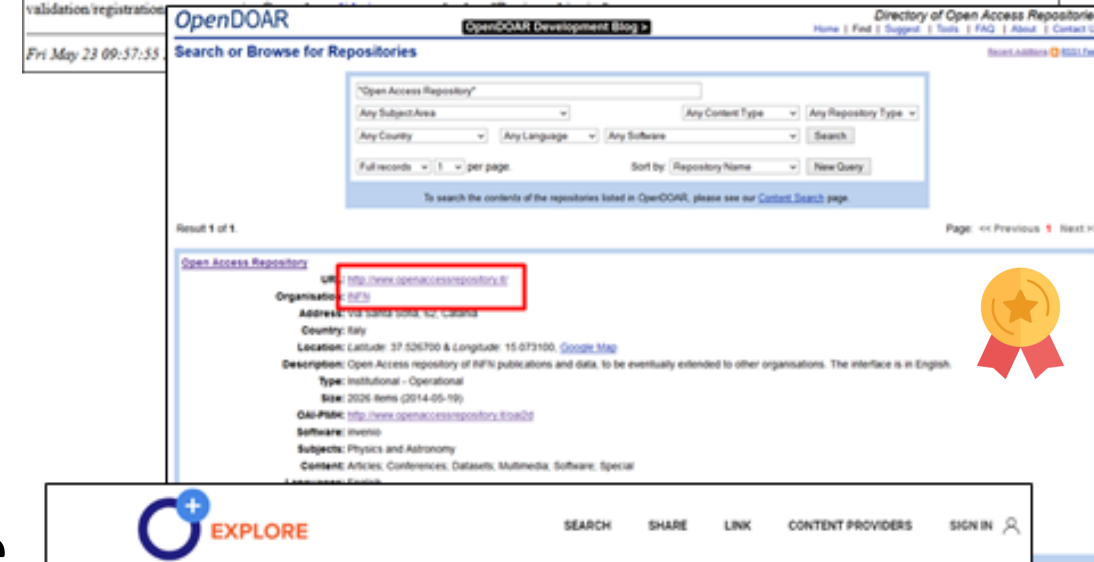
# INFN OAR - a bit of history



- Developed at Catania since 2014
- Intended to be a standard & certified single entry point for the deposit of research outputs and other digital assets
- Uses standards to exchange data and metadata with other repositories ([arXiv](#), [SCOAP<sup>3</sup>](#), [Zenodo](#), [re3data](#), etc.)



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 Development Blog

Search or Browse for Repositories

Result 1 of 1

**Open Access Repository**

URL: <http://www.openaccessrepository.it>

Organization: INFN

Address: Via Santa Sofia, 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

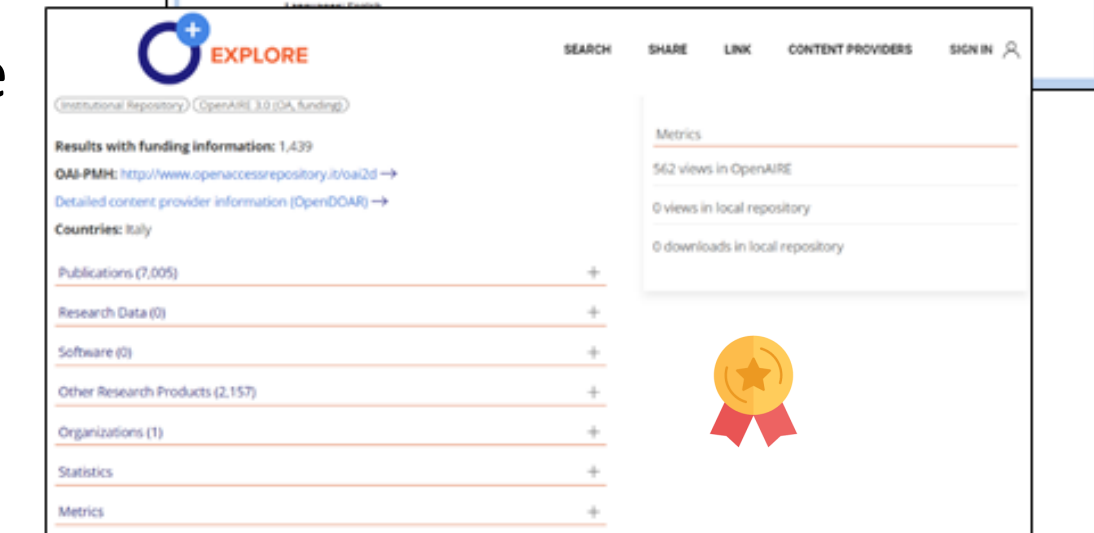
Size: 2026 items (2014-05-19)

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

Software: Invenio

Subjects: Physics and Astronomy

Content: Articles, Conferences, Datasets, Multimedia, Software, Special Collections, Preprints



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

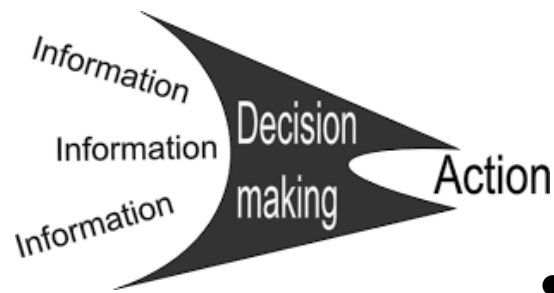
562 views in OpenAIRE

0 views in local repository

0 downloads in local repository

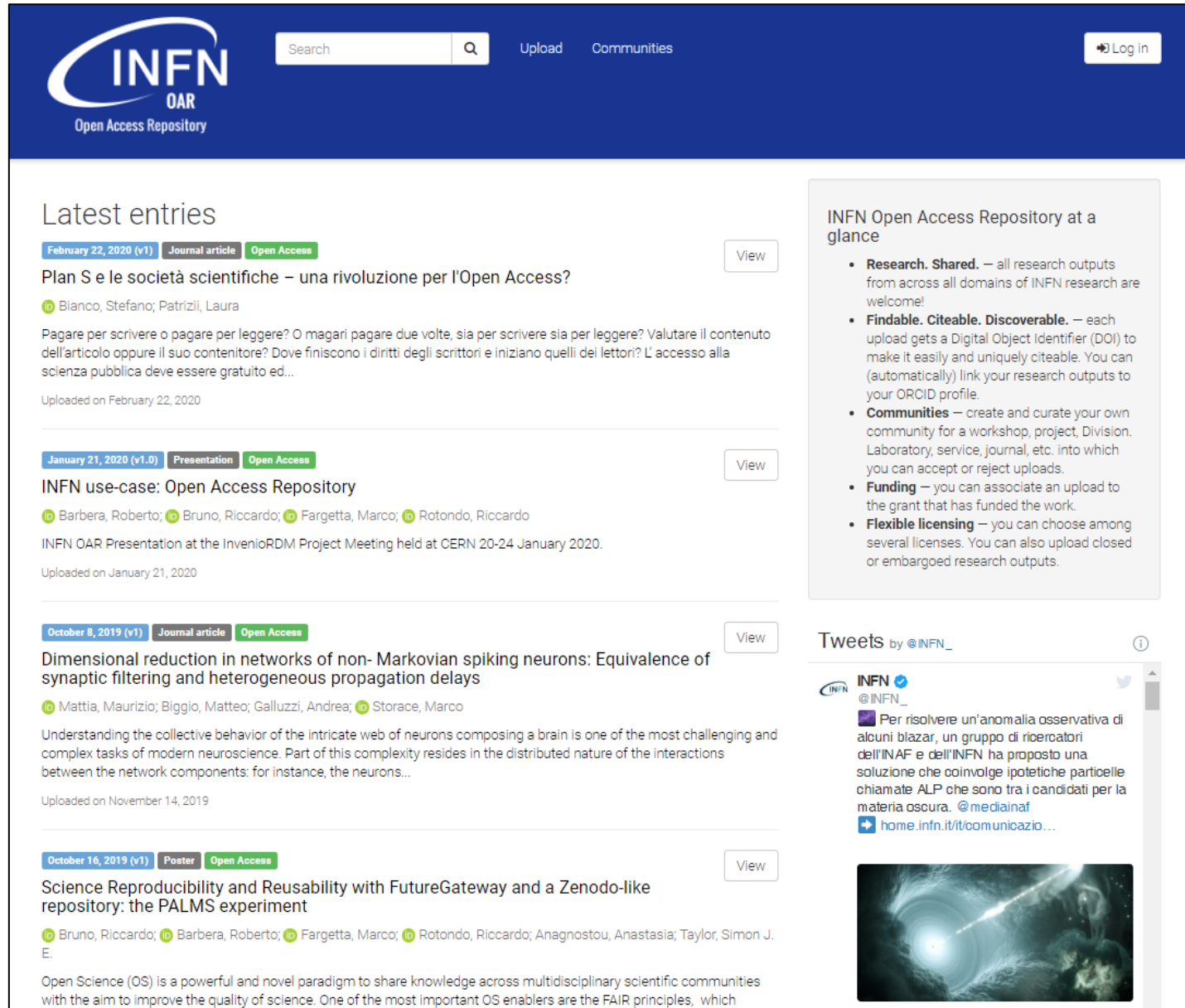
# INFN OAR - a bit of history

- Since INFN OAR first version (2014):
  - Invenio v1 reached its end of life and will not receive any further updates
  - Invenio v2, was a transitional release never made widely public
  - Zenodo was officially launched
  - Invenio v3.0 was officially released (June 2018)
  - Zenodo developers released their code on GitHub, including the GUI (August 2018)



- Migration from Invenio v1 to Zenodo (based on Invenio v3)
- Zenodo GUI customised and adapted as the front-end of the new version of the INFN OAR
- Integration with INFN-AAI, [GARR IDEM](#) and [eduGAIN](#)
  - ([SAML](#)-based) federated authentication
- Re-engineering of back-end architecture into micro-services
  - [Kubernetes](#)
  - [CI/CD](#)
- First deployed at the end of 2018
- Open for use since end of March 2019

# INFN OAR – functionalities and compliances



**INFN OAR**  
Open Access Repository

Search [ ] [ ] Upload Communities [ ] Login

### Latest entries

**February 22, 2020 (v1)** Journal article Open Access View  
**Plan S e le società scientifiche – una rivoluzione per l'Open Access?**  
Bianco, Stefano; Patrizi, Laura  
Pagare per scrivere o pagare per leggere? O magari pagare due volte, sia per scrivere sia per leggere? Valutare il contenuto dell'articolo oppure il suo contenitore? Dove finiscono i diritti degli scrittori e iniziano quelli dei lettori? L'accesso alla scienza pubblica deve essere gratuito ed...  
Uploaded on February 22, 2020

**January 21, 2020 (v1.0)** Presentation Open Access View  
**INFN use-case: Open Access Repository**  
Barbera, Roberto; Bruno, Riccardo; Fargetta, Marco; Rotondo, Riccardo  
INFN OAR Presentation at the InvenioRDM Project Meeting held at CERN 20-24 January 2020.  
Uploaded on January 21, 2020

**October 8, 2019 (v1)** Journal article Open Access View  
**Dimensional reduction in networks of non- Markovian spiking neurons: Equivalence of synaptic filtering and heterogeneous propagation delays**  
Mattia, Maurizio; Biggio, Matteo; Galluzzi, Andrea; Storace, Marco  
Understanding the collective behavior of the intricate web of neurons composing a brain is one of the most challenging and complex tasks of modern neuroscience. Part of this complexity resides in the distributed nature of the interactions between the network components: for instance, the neurons...  
Uploaded on November 14, 2019

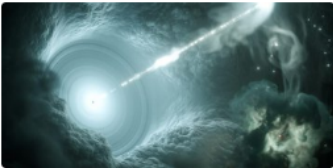
**October 16, 2019 (v1)** Poster Open Access View  
**Science Reproducibility and Reusability with FutureGateway and a Zenodo-like repository: the PALMS experiment**  
Bruno, Riccardo; Barbera, Roberto; Fargetta, Marco; Rotondo, Riccardo; Anagnostou, Anastasia; Taylor, Simon J. E.  
Open Science (OS) is a powerful and novel paradigm to share knowledge across multidisciplinary scientific communities with the aim to improve the quality of science. One of the most important OS enablers are the FAIR principles, which

### INFN Open Access Repository at a glance

- **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.

### Tweets by @INFN\_

INFN @INFN\_  
Per risolvere un'anomalia osservativa di alcuni blazar, un gruppo di ricercatori dell'INAF e dell'INFN ha proposto una soluzione che coinvolge ipotetiche particelle chiamate ALP che sono tra i candidati per la materia oscura. @mediainaf  
home.infno.it/it/comunicazio...



<http://openaccessrepository.it>

- Adopts leading-edge technologies in the domain of digital repositories
- Includes the possibility for digital assets, offered by the new Zenodo GUI, to be stored in the repository not only open access but also embargoed, restricted and closed
- Exploits the concept of “communities”, which is central in the Zenodo architecture, to cope with several aggregation of contents: per INFN division, per Scientific Committee, per project, per initiative, etc.
- Open to non-INFN users (thanks to the concept of «Communities»)
- Supports DOI versioning
- **Is compliant with Plan S requirements & guidelines**
- **Is compliant with FAIR principles**

# Plan S requirements & guidelines (<https://bit.ly/2Vo4jrE>)

The image is a screenshot of the Plan S website. At the top left, there is a logo consisting of an orange padlock icon followed by the text 'Plan S' and the tagline 'Making full and immediate Open Access a reality'. To the right of the logo, there are navigation links: 'Why Plan S', 'Principles and Implementation' (which is underlined), 'Who's involved', and 'About'. Below these links are 'Contact' and 'Apply for Transformative Journal status'. The main content area features a large graphic with a white background and orange accents. The graphic contains the text 'Making full and immediate Open Access a reality' in white on an orange background, and 'Principles and Implementation' in orange below it. The background of the graphic is filled with various icons related to technology, education, and open access, such as a laptop, a lightbulb, a shield, a gear, a hand, a magnifying glass, a graduation cap, a database, a thumbs up, and a padlock. The overall design is clean and modern, with a focus on accessibility and digital education.

# FAIR principles ([www.go-fair.org/fair-principles/](http://www.go-fair.org/fair-principles/))

FAIR Principles	Compliance
 <h3 data-bbox="621 419 830 458">Findability</h3> <p data-bbox="621 472 1149 622">Resource and its metadata are easy to find by both, humans and computer systems. Basic machine readable descriptive metadata allows the discovery of interesting data sets and services.</p>	<ul data-bbox="1207 472 1926 594" style="list-style-type: none"><li data-bbox="1207 472 1793 508">✓ F1. Resource is uploaded to a public repository.</li><li data-bbox="1207 536 1926 594">✓ F2. Metadata are assigned a globally unique and persistent identifier.</li></ul>
 <h3 data-bbox="621 658 868 696">Accessibility</h3> <p data-bbox="621 711 1149 861">Resource and metadata are stored for the long term such that they can be easily accessed and downloaded or locally used by humans and ideally also machines using standard communication protocols.</p>	<ul data-bbox="1207 711 1989 879" style="list-style-type: none"><li data-bbox="1207 711 1926 768">✓ A1. Resource is accessible for download or manipulation by humans and is ideally also machine readable.</li><li data-bbox="1207 796 1989 879">✓ A2. Publications and data repositories have contingency plans to assure that metadata remain accessible, even when the resource or the repository are no longer available.</li></ul>
 <h3 data-bbox="621 886 937 925">Interoperability</h3> <p data-bbox="621 939 1149 1061">Metadata should be ready to be exchanged, interpreted and combined in a (semi)automated way with other data sets by humans as well as computer systems.</p>	<ul data-bbox="1207 939 1951 1122" style="list-style-type: none"><li data-bbox="1207 939 1951 996">✓ I1. Resource is uploaded to a repository that is interoperable with other platforms.</li><li data-bbox="1207 1025 1951 1082">✓ I2. Repository meta- data schema maps to or implements the CG Core metadata schema.</li><li data-bbox="1207 1110 1913 1122">✓ I3. Metadata use standard vocabularies and/or ontologies.</li></ul>
 <h3 data-bbox="621 1143 843 1182">Reusability</h3> <p data-bbox="621 1196 1149 1382">Data and metadata are sufficiently well-described to allow data to be reused in future research, allowing for integration with other compatible data sources. Proper citation must be facilitated, and the conditions under which the data can be used should be clear to machines</p>	<ul data-bbox="1207 1210 1977 1365" style="list-style-type: none"><li data-bbox="1207 1210 1926 1268">✓ R1. Metadata are released with a clear and accessible usage license.</li><li data-bbox="1207 1296 1977 1365">✓ R2. Metadata about data and datasets are richly described with a plurality of accurate and relevant attributes.</li></ul>