

Open Science Framework

9 Enero 2020

Summit Educación UC 2020

XVI Jornadas de Gestión de Educación Superior

<https://osf.io/tqsfj/>

Natalie Meyers

natalie.meyers@nd.edu

 Follow @nkmeyers

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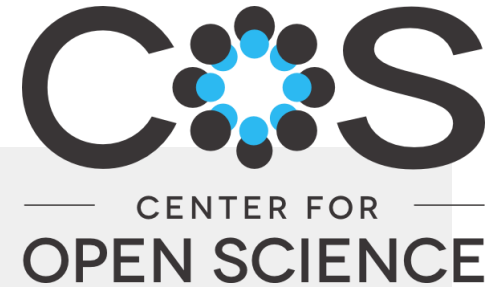
INSTITUTE of
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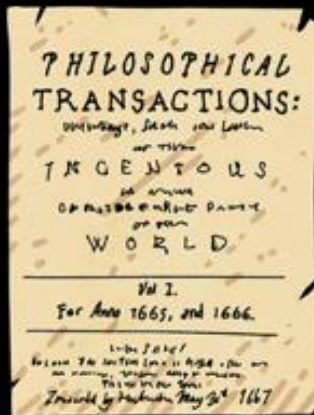
*Mejorar la **Apertura**, la
Integridad y la **Reproducibilidad**
de la investigación científica*

Before the advent of journals, early scientists often conducted their research in secret, out of fear that a competitor would steal their work.



Galileo famously resorted to publishing his research in code.

It wasn't until 1665, that the **Royal Society** began collecting research and publishing it in journals.



In the beginning members would actually go out to examine lab equipment and experiments first-hand.



To this day, the Society's motto is "nullius in verba" or "take nobody's word for it"

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¿Qué hace un embajador de COS?

- Actúa como recurso local de información sobre el OSF, la transparencia y prácticas reproducibles.
- Difunde información sobre OSF y realice capacitaciones de OSF como ésta.
- Organiza seminarios web, talleres o demostraciones en la institución de origen / para sus grupos.
- Representa a COS en conferencias y reuniones.
- Comparte experiencias en el blog y se une a la conversación en línea sobre ciencia abierta.
- Crece la comunidad científica abierta a través de la colaboración y el intercambio de información.



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Full Name

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gratis, código abierto

<https://github.com/CenterForOpenScience>



Ponga datos, materiales y código en el OSF

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Revisions

Lepadogaster.stl

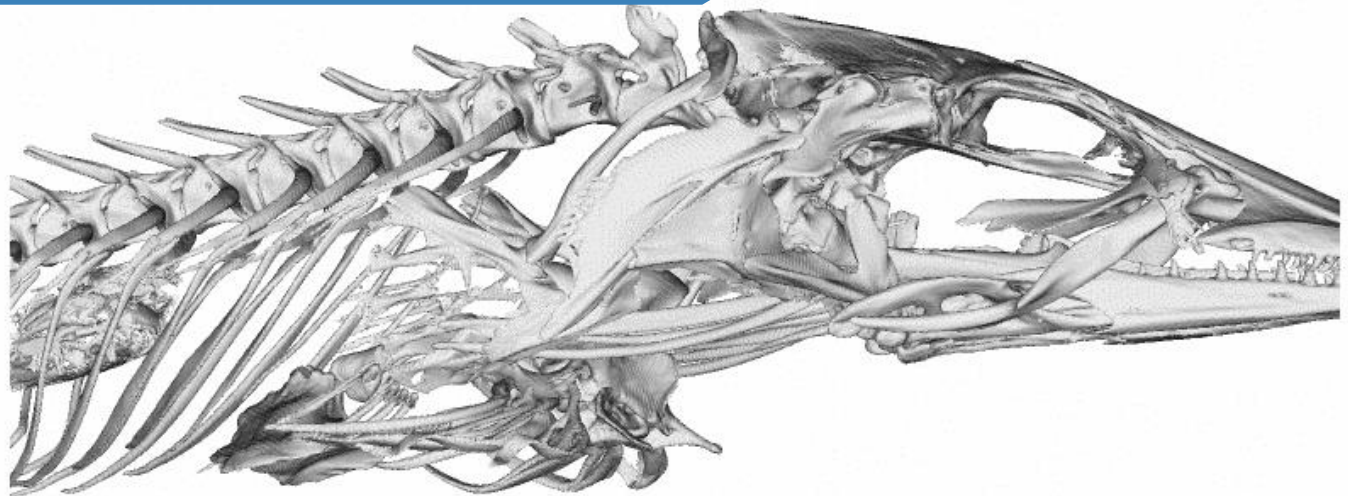
+ low res slice data

oblique.jpg

+ slice data

standard headshot.jpg

ventral.jpg



OSF.io

Aplicación web para apoyar su flujo de trabajo de investigación

The image shows a screenshot of the OSF.io website. The top navigation bar is dark blue with the OSFHOME logo and a dropdown arrow on the left, and links for My Projects, Search, Support, Donate, and a user profile for Jolene Esposito on the right. Below this is a light blue navigation bar with links for COS Ambassadors, Files, Wiki, Analytics, Registrations, Forks, Contributors, and Settings. The main content area on the left shows a sidebar with the OSF logo, a list of contributors (Sara, Courtney K. Soder, Erin McKiernan, Jo), affiliated institutions, date created (2014), create DOI/ARK link, category (Project), description (A collection of materials), and license (Add a license). The main content area on the right is partially obscured by a large, semi-transparent dark gray rectangle containing the text "Colaboración", "Documentación", and "Archivado" in large white font. At the bottom of the page, there is a section titled "What Ambassadors Do" with a bullet point: "• Build communities of researchers interested in openness". A "One pagers" link is visible in the bottom right corner.

OSFHOME ▾ My Projects Search Support Donate Jolene Esposito ▾

COS Ambassadors Files Wiki Analytics Registrations Forks Contributors Settings

Contributors: Sara Courtney K. Soder Erin McKiernan, Jo

Affiliated Institutions

Date created: 2014

Create DOI / ARK

Category: Project

Description: A collection of materials

License: Add a license

Wiki

Welcome to the COS

Researchers in a form to get started reproducibility and

What Ambassadors Do

- Build communities of researchers interested in openness

One pagers



Private

Make Public

P 0



Influence of Gene Mutations on Fruit Fly Lifespan

Contributors: Sara Bowman, Tim Errington, **Jolene Esposito**, Courtney Soderberg, Alexander DeHaven, Rebecca Rosenblatt

Colaboración

In this work, we investigate the influence various gene mutations have on *Drosophila* lifespan.

Mutations investigated manifest visibly as:

Characteristics	Types
Altered Wing Structures	Short, long, none
Altered Body Color	brown, gold, green
Altered Eye Color	brown, red, hazel

Components

Add Component

Link Projects

 Literature Review ▾

Bowman, Errington, Esposito & 2 more
39 contributions

 Data ▾



Private

Make Public

P 0



Influence of Gene Mutations on Fruit Fly Lifespan

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Components

Add Component

Link Projects

 Literature Review ▾

Bowman, Errington, Esposito & 2 more
39 contributions

 Data ▾

Proyectos OSF de la Universidad de Notre Dame: Química

Distributed Pharmaceutical Analysis Lab (DPAL)





DPAL

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Make Public

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...

Contributors: Ayenew Ashenef, Bonnie Hall, Claire McDonnell, Corbin Zea, Corina E. brown, David Styers-Barnett, Erin Wilson, Gary Hollis, Grace Muna, Heidi Jean Fletcher, Jason Taylor, Jacob Loman, Jill Robinson, Joan Esson, Joyce Easter, Kyle N. Knust, Laura Grochowski, Laura Salazar, Levi Mielke, Lida Khalafi, Madeline Smith, Margaret Berta, Martin St. Clair, Mary Turner, Marya Lieberman, Maury E. Howard, Pamela Doolittle, Patrice Behan, Rodney C Austin, Rondedrick Sinville, Rosina M Georgiadis, Rusty Speidel, Ryan Huschka, Sarah Bliese, Sarah Shaner, Stephen Mang, Toni Barstis, Tracy-Lynn Cleary, Ursula Williams

Affiliated Institutions: University of Notre Dame

Date created: 2016-06-06 01:23 PM | Last Updated: 2018-10-05 11:09 AM

Category: Project

Description:

Distributed Pharmaceutical Analysis Lab

License: Add a license

Wiki



Distributed Pharmaceutical Analysis Lab (DPAL)

Welcome to the DPAL Project!

5 Oct 2018: If you are located near Indianapolis, you may be interested in a regional analytical chemistry conference, Turkey Run. It is suitable for undergraduates, and and if enough DPAL people show up, Sarah will organize a meet-and-greet event so you can connect with other DPAL participants in the Indianapolis region.

...

[Read More](#)

Files



Click on a storage provider or drag and drop to upload

Filter



Name

Modified



DPAL

Google Drive: DPAL



DPAL Cumulative Results.gsheet

2018-08-26 01:22 PM



Sample Request Form.gsheet

2018-01-16 01:41 PM

OSF Storage (United States)



Excel Templates for system suitability and sample analysis



Final report example



HPLC Methodology Manual 2018 Updated Final.pdf

2018-09-18 09:09 AM



Newsletters



OSF Manual



Resources



Wiki images

Citation



Components

Add Component

Link Projects

Addis Ababa University

...

Lieberman, Ashenef, Hall & 36 more

Andrews University

...

Berta, Lieberman, Salazar & 34 more

Astrazeneca

...

Berta, Lieberman, Salazar & 34 more

Boston University

...

Lieberman, Hall, McDonnell & 37 more

DPAL data and information for Boston University

Coe College

...

Berta, Lieberman, Salazar & 35 more

Dublin Institute of Technology

...

Lieberman, Berta, Bliese & 28 more

Ferrum College, VA

...

Lieberman, Berta, Salazar & 36 more

Geneva College

...

Lieberman, Hall, McDonnell & 37 more

Method development and validation for HPLC analysis of Levofloxacin

Ghent University

...


Berta, Lieberman, Salazar & 34 more

Versiones Automáticas de Archivos

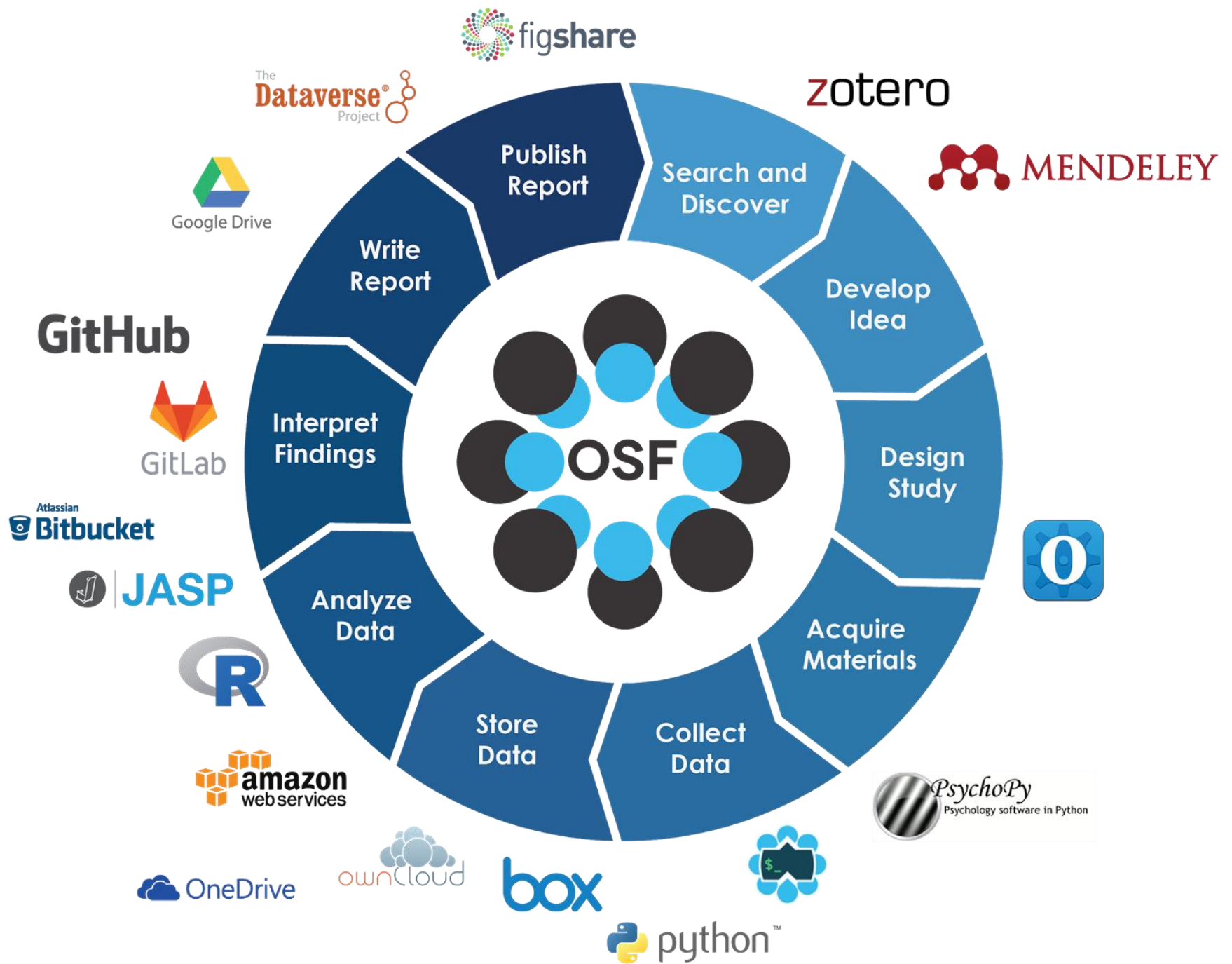
The screenshot displays the OSF interface for a component named 'Presentations'. On the left, a list of files is shown under 'OSF Storage'. The file 'Bowman.ACS.2015.08.17....' is selected. On the right, the 'Revisions' table lists four versions of this file, all created by 'Sara Bowman' on August 17, 2015. A red box highlights the 'Version ID' column, and a red arrow points to it with the text 'versiones recientes y anteriores del archivo'.

Version ID	Date	User	Download	MD5
4	2015-08-17 01:05 PM	Sara Bowman	14	66518
3	2015-08-17 12:49 PM	Sara Bowman	0	5341f
2	2015-08-17 12:32 PM	Sara Bowman	0	d6d9e
1	2015-08-17 12:25 PM	Sara Bowman	0	122fb

versiones recientes y anteriores del archivo



Conecta servicios que usan los investigadores



Usa el menú de accesorios (add-ons) para vincular a servicios en la nube

The screenshot shows the OSFHOME 'Add-ons' page. The 'Add-ons' menu item in the top navigation bar is circled in red. The page is divided into two main sections: 'Select Add-ons' and 'Configure Add-ons'.

Select Add-ons

Sync your projects with external services to help stay connected and organized. Select a category and browse the options.

Categories	Search...
All	Amazon S3 Enable
Citations	Bitbucket Enable
Storage	Box Enable
	Dataverse Enable
	Dropbox Enable
	figshare Enable
	GitHub Enable
	GitLab Enable

Configure Add-ons

Mendeley authorized by Natalie Meyers Disconnect Account
Current Folder: reproducibility
[Change](#)

Zotero authorized by Natalie Meyers Disconnect Account
Current Library: My library
[Change](#)
Current Folder: DASPOS_Containers
[Change](#)

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[TOP Guidelines](#) | [Reproducibility Project: Psychology](#) | [Reproducibility Project: Cancer Biology](#)

Identificadores Citables Persistentes



Secure

<https://osf.io/bs23x/>

Identificador permanente



MP

Contributors: M

Leah McEwen, M

Raymond Plant

Affiliated Instit

Date created: 2

Identifier: DOI 1

Category: Pro

Description:

FAIR Hackathon

License: CC-By

Citation

osf.io/bs23x ^

APA

Bowman, S. D., Nosek, B. A., Sallans, A., Christensen, G., Lakens, D., Ijzerman, H.,
... Muilenburg, J. (2017, March 3). COS Ambassadors. Retrieved from

osf.io/bs23x

usado en una cita

MLA

Bowman, Sara D et al. "COS Ambassadors." Open Science Framework, 3 Mar.
2017. Web.

Ted
s, Sh

19

Registrations | Inscripciones

COS Ambassadors Files Wiki Analytics **Registrations** Forks Contributors Settings

Registrations

There have been no completed registrations of this project. You can start a new registration by clicking the "New registration" button, and you have the option of saving as a draft registration before submission.

New registration

For a list of the most viewed and most recent public registrations on the Open Science Framework, click [here](#).

Research Project

Private Make Public 0 +

Contributors: [Jolene Esposito](#)

Date registered: 2015-05-19 06:40 PM

Date created: 2015-03-31 08:44 AM

Identifiers: DOI 10.17605/OSF.IO/68QIC | ARK c7605/osf.io/68qic

Category: Project

Description: Testing the OSF

License: Add a license

View Registration Form

Wiki

Test page for OSF

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Files

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Name

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Research Project

Citation

osf.io/68qic

Components

Objective | Registered: 2015-05-19 22:40 UTC

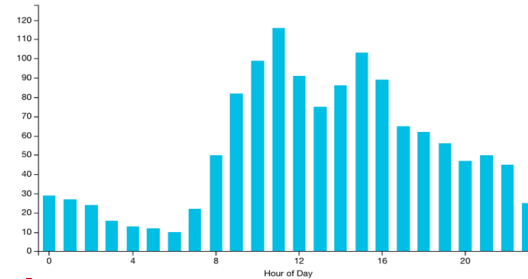
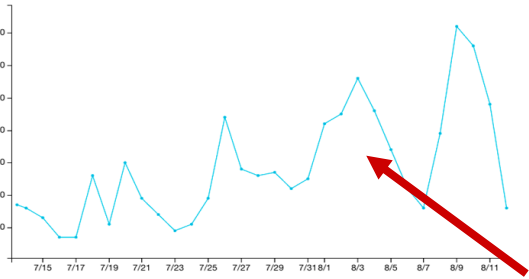
[Esposito](#)
1 contribution

Procedures | Registered: 2015-05-19 22:40 UTC

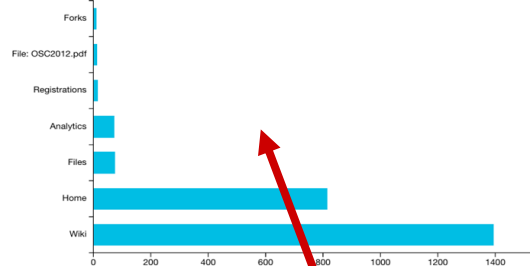
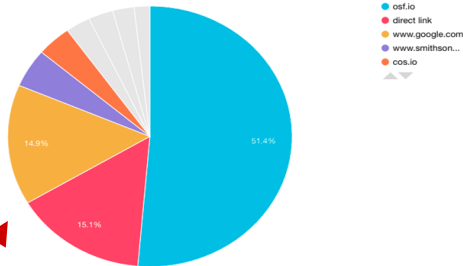
[Esposito](#)

Analítica

Unique visits



Top referrers



	Size	Downloads
	42.1 kB	274
	38.0 kB	114
	46.6 kB	130
	47.3 kB	173
	19.9 kB	11
	3.1 kB	94
	676.0 kB	57
	3.0 kB	62
	672.4 kB	54
	1.4 kB	49
	598.0 kB	52
	3.6 kB	65
	598.7 kB	55

File downloads

Links To This Project

1

Linking to this project will reference it in another project, without creating a copy. The link will always point to the most up-to-date version.

View Links

Templated From

4

This option will create a new project, using this project as a template. The new project will be structured in the same way, but contain no data.

Copy Project Structure

Forks

17

Fork this project if you plan to build upon it in your own work. The new project will be an exact duplicate of this project's current state, with you as the only contributor.

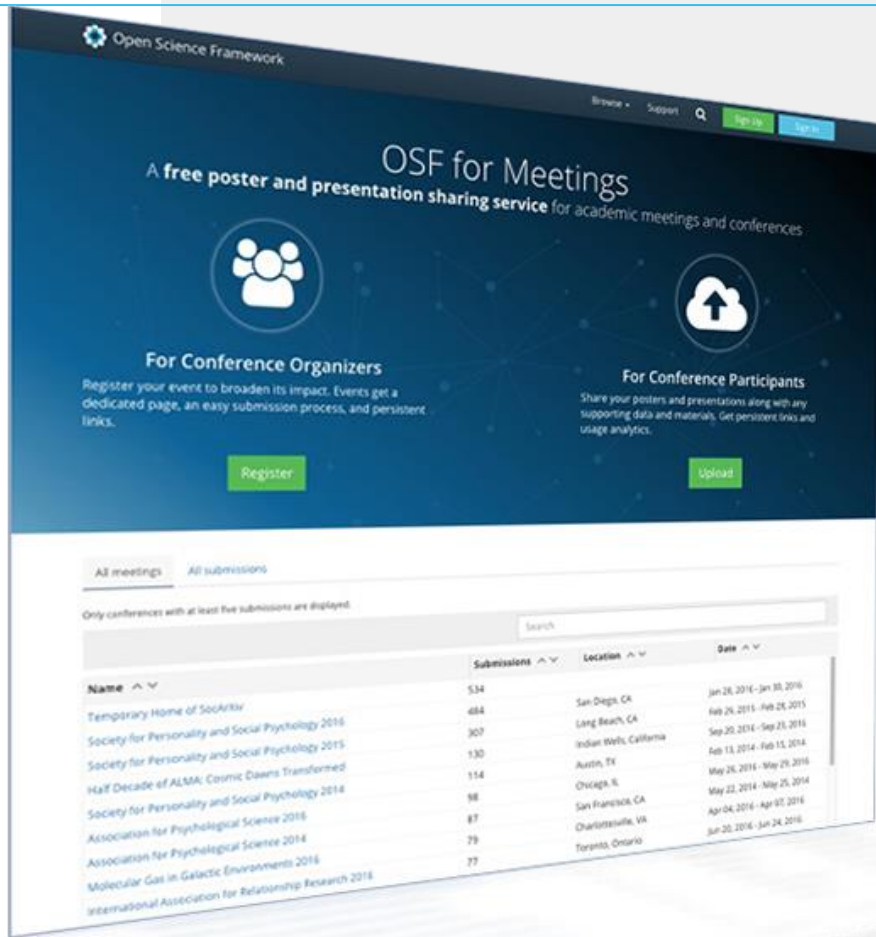
Fork this Project

View Forks

Forks

OSF Meetings | Reuniones de OSF

¿Planeando una reunión, taller o conferencia?



OSF Meetings proporciona una página de inicio con su marca, un proceso de envío fácil, búsqueda y descubrimiento. Los investigadores pueden compartir materiales, agregar datos complementarios, códigos, preimpresiones u otro material junto con su póster o presentación.

- Recoja fácilmente los materiales de presentación antes de su reunión
- Permita que los participantes descubran contenido interesante antes de llegar
- Los presentadores pueden hacer revisiones a sus materiales y actualizarlos sin la necesidad de buscar el último archivo de PowerPoint o PDF. Los presentadores pueden incluso presentar directamente desde su proyecto de reunión OSF
- Todos los materiales de la reunión están archivados y disponibles para referencia futura.


More info: <https://cos.io/our-products/osf-meetings/>

ND OSF Projects: DASPOS Physics, CS, CRC, Libraries

https://osf.io/view/containerstrategies/









Open Science Framework Dashboard My Projects Browse Natalie Meyers

Container Strategies for Data & Software Preservation



[Add your poster or talk](#) | [Conference homepage](#)

Search

Title ^ v	Author ^ v	Category ^	Date Created ^ v	Downloads ^ v
Semantic Packages	Metsger	talk	2016-05-19 11:25 AM	 130
Science Dataspaces for Data Management and Reproducibility	Malik	talk	2016-05-19 10:47 AM	 10
OCCAM: Live Interactive Archival	wilkie	talk	2016-05-19 08:35 AM	 58
Workshop Use Case 2: ReproZip	Steeves	talk	2016-03-02 09:15 PM	 69
Opening Reproducible Research	Nüst	talk	2016-05-19 10:29 AM	 31
Smart Containers	Da Huo	talk	2016-05-17 10:48 AM	 56
Reproducibility of Execution Environments in Scientific Workflows us...	Ferreira da ...	talk	2016-05-18 11:56 AM	 143
Smart Containers	Sweet	talk	2016-05-31 03:45 PM	 108



Make Private

Public

0

Container Strategies for Data and Software Preservation Workshop

Contributors: Sandra Gesing, Michael Hildreth, Rick Johnson, Natalie Meyers, Jaroslaw Nabrzyski, Mark Suhovecky, Vicky Steeves, Ian Taylor, Douglas Thain, Charles F Vardeman II, Alexander Vyushkov, Reid Boehm, daniel brake, Donald Brower, Lincoln Bryant, Ryan Chamberlain, Euan Cochrane, Anita de Waard, Mandy Havert, Lukas Alexander Heinrich, Kolin Hodgson, Cole Hudson, Greg Janée, Elisabeth Long, Maciej Malawski, Tanu Malik, Elliot Metsger, Chreston Miller, Robert Minvielle, Imad Nijim, Sharif Nijim, Kallie O'Connell, Derek Owens, Remi Rampin, John Schrader, Andrew Shields, Rafael Ferreira da Silva, James Smith, Sean Summers,

Affiliated Institutions: University of Notre Dame
Date created: 2016-03-02 09:14 PM | Last Updated: 2017-10-25 01:26 PM
Identifiers: DOI 10.17605/OSF.IO/Y9MPX | ARK c7605/osf.io/y9mpx
Category: Project
Description:
A workshop organized by the DASPOS project, to be held 19-20 May 2016.
License: Add a license

Wiki



Container Strategies for Data & Software Preservation is a daspos.org workshop.

Date: May 19-20, 2016

Location: University of Notre Dame, USA

Purpose: Container Strategies for Data & Software Preservation is a two day linux container centric workshop organized by the NSF-funded Data and Software Preservation for Open Science (DASPOS, daspos.org) project, hosted at the University of Notre Dame.

T...

Citation osf.io/y9mpx ▾

Components

Add Component Link Projects

Presentations & Slides

Meyers, Bowman, Boehm & 40 more
30 contributions

Videos of Container Strategies Workshop Presentations

Nabrzyski, Meyers, Batts & 22 more
44 contributions

OSF Preprints

Mejora la visibilidad de la investigación



2,082,216 searchable preprints as of September 01, 2017

or

[Add a preprint](#)

[See an example](#)

Browse by subject

Architecture

Arts and Humanities

Business

Education

More info: cos.io/our-products/osf-preprints/

What next? ¿Qué puedes hacer a continuación?

Investigadores / Instructores / Bibliotecarios / Estudiantes

- Use OSF: <http://osf.io/> para su próximo proyecto en solitario, clase, colaboración o presentación de conferencia
- Conecte su almacenamiento de terceros a OSF y vea todos sus datos en un solo lugar
- Obtenga entrenamiento
- Use las reuniones de OSF la próxima vez que organiza un evento
- Envíe una preimpresión (<http://osf.io/preprints/>)
- Envíe un informe registrado (<http://cos.io/rr>)

Desarrolladores de software

- Utilice la API OSF, mejore o desarrolle un nuevo complemento o servicio, contribuya al código

Editores / Revistas / Financiadores

- Adopte las pautas TOP, publique o requiera informes registrados, use distintivos

Organizaciones / Universidades / Bibliotecas / Repositorios / Reuniones

- Configure instituciones OSF, conecte servicios, use reuniones OSF, organice una sesión de capacitación en el sitio con capacitadores COS

Trabaja en COS: explora trabajos y pasantías (<https://cos.io/about/jobs/>)

Donar: [Donate online](#). COS es una organización benéfica pública como se describe en la Sección 501 (c) (3) del Código de Rentas Internas de los Estados Unidos; EIN # 46-1496217. Su donación es deducible de impuestos en la medida permitida por la ley.



Thanks! Gracias!

Questions? Preguntas?
Comments? Comentarios?

Contact me! Escribeme!

natalie.meyers@nd.edu

These slides are available at:
estas diapositivas están en:

<https://osf.io/tqsfi/>

