



Help Your Research Faculty Collaborate More Efficiently with COmanage

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Campuses Have Invested

Single Sign-On (SSO)



Shibboleth.

Campuses Have Invested

Federated Identity

- effective, scalable, reliable, secure trust fabric
- leverage existing vendor integrations



Campuses Have Invested

Federated Identity

- effective, scalable, reliable, secure trust fabric
- leverage existing vendor integrations
- Streamlining collaboration for researchers?



Science is Collaborative & Worldwide

Laser
Interferometer
Gravitational-wave
Observatory



Science is Collaborative & Worldwide

LIGO LIGO Scientific Collaboration LSC



Long Tail of Science

- Collaborative science not just large projects.
- World class science being done everywhere.
- “Smaller” institutions make oversize contributions.

Critical LIGO Collaborators



Cal State Fullerton



Carleton College

Collaboration Spaces for Researchers

My campus is part of InCommon!

We use Shibboleth!

We can stand up a wiki!

Let's go!

Collaboration Spaces for Researchers

From: jane.scientist@campus.edu

To: help@campus.edu

cc: joe.researcher@university.edu

Subject: access to wiki

Hi,

My colleague Joe Researcher at Big U needs access to my research wiki. Can you give him a NetID?

Collaboration Spaces for Researchers

From: help@campus.edu

To: jane.scientist@campus.edu

cc: joe.researcher@university.edu

Subject: Re: access to wiki

Even better, we can use Prof. Researcher's federated identity. Prof. Researcher what is your eduPersonPrincipalName?

Collaboration Spaces for Researchers

From: joe.researcher@university.edu

To: help@campus.edu

cc: jane.scientist@campus.edu

Subject: Re: Re: access to wiki

Uh, what is an eduPersonPrincipalName?

Collaboration Management Platform

What you want is...

Collaboration Management Platform (CMP)



COmanage is:

- An identity management system specifically designed for collaboration beyond institutional or organizational boundaries
- Elevator pitch:
 - “COmanage Registry combines group management with configurable and flexible enrollment workflows to support the quick and easy spin up of collaborations focusing on a common task or goal.”
- ***Project has been funded for several years, and is now in early-adopter production***

COmanage Production Demo

<< show demo >>

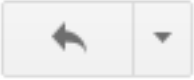


enroll for access to GWNU web resources Inbox x



Scott F Koranda

6:46 AM (1 hour ago) ☆



to me ▾

Dear Scott,

Welcome to the GWNU working group. The mission of the working group is "the combined search for core-collapse supernovae using neutrino and gravitational waves".

To facilitate gaining access to the GWNU work space please begin by enrolling at

https://gw-astronomy.org/registry/co_petitions/add/coef:3/co:4

Please choose your home institution and login and then fill out the enrollment form. After your enrollment is approved by the GWNU working group leads you will then have access to the wiki and other collaboration tools.

Thanks,

The GWNU working group team leads



Use a suggested selection:



LIGO Scientific
Collaboration



KAGRA

Or enter your organization's name

Continue

[Allow me to pick from a list](#)

[Help](#)

Please fill out and submit this form to register for access to LIGO web resources as part of the GWNu project.

Home institution name

Your official name at your home institution

Honorific	<input type="text"/>
Given Name*	Scott
Middle Name	<input type="text"/>
Family Name	Koranda
Suffix	<input type="text"/>

GWNu working group name

Name you use in the GWNu working group

Honorific	<input type="text"/>
Given Name*	<input type="text"/>
Middle Name	<input type="text"/>
Family Name	<input type="text"/>
Suffix	<input type="text"/>



Invitation from LIGO to join GWNU working group

Inbox x

collaboration_manager@gw-astronomy.org 6:52 AM (1 hour ago) ☆

to skoranda

You have been invited to join the GWNU working group. The mission of the group is "the combined search for core-collapse supernovae using neutrino and gravitational waves."

Please click the link below to accept or decline.

https://gw-astronomy.org/registry/co_invites/reply/af01d9709842dd4f26f3310e0d65e33d3c25420b



Invitation to GWNU

Invitation for Scott Koranda

Home institution name

Your official name at your home institution

Honorific	
Given Name*	Scott
Middle Name	
Family Name	Koranda
Suffix	

GWNU working group name

Name you use in the GWNU working group

Honorific	
Given Name*	Scott
Middle Name	
Family Name	Koranda
Suffix	



GWNU Petitions

Enroll Filter by Status

Enrollee	Petitioner	Sponsor	Approver	Status	Created	Modified	Actions
Scott Koranda				Pending Confirmation	Today, 14:15	Today, 14:15	



View CO Petition for Scott Koranda

CO Petition | Petition Attributes | Petition History

Status	Pending Approval	<input checked="" type="checkbox"/> Approve	<input type="checkbox"/> Deny
Petitioner			
Sponsor			
Approver			
Created	Fri, Nov 15th 2013, 14:15		
Modified	Fri, Nov 15th 2013, 14:19		

Edit Scott Koranda

Name	Identifiers	Email	Groups	Role Attributes	Organizational Identities
<u>Scott Koranda</u> (Primary, Official)					
Name					Add

- NSF Demographic Record
- Autogenerate Identifiers
- Provisioned Services
- View History
- CO People Search**



Edit Scott Koranda

- Name
- Identifiers**
- Email
- Groups
- Role Attributes
- Organizational Identities

GWNU12105(employeeNumber) [edit] [delete]

+ Add

- NSF Demographic Record
- Autogenerate Identifiers
- Provisioned Services
- View History
- CO People Search

Edit Scott Koranda

- Name
- Identifiers
- Email**
- Groups
- Role Attributes
- Organizational Identities

skoranda@gmail.com(Official, Unverified) [edit] [delete]
[+] Add

- NSF Demographic Record
- Autogenerate Identifiers
- Provisioned Services
- View History
- CO People Search



Edit Members of GWNU Group gw-astronomy:GWNU:ask.ligo.org

Name	CO Person Status	Permissions
Scott Koranda	Active	<input checked="" type="checkbox"/> Member <input type="checkbox"/> Owner

Save
Reset Form

COmanage Registry: CoPec x


https://gw-astronomy.org/registry/co_people/provision/42/co:4

A6 Data Calendar NYTimes Google CNN NWS toggl COmanage QB Cliqbook Nemo Blogs

News | Support | Directory | Help

Scott Koranda (scott.koranda@ligo.org) 0 Logout

Collaborations Platform My Account



Provisioning Status for Scott Koranda

Description	Status	Timestamp	Actions
GW Astronomy Attribute Authority LDAP (LdapProvisioner)	Provisioned: employeeNumber=GWNU12105,ou=people,o=GWNU,dc=gw-astronomy,dc=org	Fri, Nov 15th 2013, 14:20	



- questions**
- tags
- users
- badges
- unanswered

[ask a question](#)

- questions
- tags
- users

All Questions

- active**
- newest
- hottest
- most voted

0 votes 1 answer 8 views

How do I copy a local file to an online cluster?

cluster copy gsiscp

7 hours ago carsten.aulbert@LIGO.ORG 225

1 vote 1 answer 17 views

How do I read ligolw XML using Python?

python xml ligolw glue

16 hours ago peter.couvares@LIGO.ORG 844

2 votes 2 answers 37 views

How do I install lalsuite on a Linux laptop?

lalsuite laptop install linux

17 hours ago saeed.mirshekari@LIGO.ORG 0

0 votes 1 answer 12 views

How do I write ligolw XML using Python?

xml python ligolw glue

yesterday andrew.lundgren@LIGO.ORG 1.4k

0 votes 2 answers 21 views

What are the relative phasings for the six polarisation modes of a generic metric theory of gravity?

gr theory

2 days ago arkadiusz.blaut@LIGO.ORG 0

282 questions
402 answers
Most recently updated questions

Interesting tags

Ignored tags

Recent tags

- gsiscp copy theory gr
- memory shared install laptop
- longitude latitude glossary
- gsiftp time alog elog server

Current Status

- COmanage Registry 0.8.2 and the LIGO-KAGRA collaboration
- Highlights include:
 - Flexible enrollment workflows
 - Self signup, Admin signup, require approval, default attributes, etc
 - Account linking, with social identities (Google, Facebook, ...)
 - Identifier auto-assignment
 - Robust, extensible data model
 - Extended attributed and extended types
 - CO/COUs reflect unique organizational structures
 - Lightweight groups
 - Flexible plug-in architecture
 - LDAP provisioning
 - Internationalized (UI and data model)
 - VOOT support
- Apache 2.0 License

More Information

- COmanage wiki space
 - <https://spaces.internet2.edu/display/COmanage/Home>
- Email: comanage-contact@internet2.edu

Questions

- Are campuses interested in deploying a CMP like COmanage to provide collaboration tools for researchers?
- Are campuses interested in leveraging a CMP like COmanage offered by InCommon as a service?
 - Are you willing to pay for it?
 - Would you ask your researchers to pay for it?
- How important would access by international researchers be for your campus colleagues?
- Would a social login (Google?) be ok for colleagues that do not have access to a federated identity?