

# Accounts and Allocations

## Using CySolidus at CCT and LONI

(Solidus coin image courtesy of CNG coins)



# HPC Account

For LSU students, faculty and staff.

For an account:

<http://www.hpc.lsu.edu/accounts/>

For an allocation:

<https://accounts.hpc.lsu.edu/allocations.php>

# LONI Account

## Louisiana Optical Network Initiative

For member institutions and associated institutions.

Need to request both account and allocation.

Small requests allocated by member institutes.

Large requests allocated by

LONI Resource Allocation Committee (LARC)

More information:

<http://www.loni.org/systems/accounts/>

# Getting an Account

- Start with [allocations.loni.org](http://allocations.loni.org)
  - Click on "Request Login"
- Or [accounts.hpc.lsu.edu/login\\_request.php](http://accounts.hpc.lsu.edu/login_request.php)
- Fill out forms
- After filling them out, you can log in to the website any time to update contact information & check status

★ Login Request - Mozilla Firefox


File Edit View Go Bookmarks Tools Help

https://allocations.loni.org

RT Storms TG Monitors Calendar mm Allocations Home Gmail

Google Box Leangsuksun Search PageRank Check AutoLink

0703035 (applicatio... Gmail - Inbox (7) Fizzle Login Request



Prospective Researchers Education Corporate Visitors


### Login Request

**Step 1: Supply us with a valid email address. It is imperative that we have this verified means of contacting you.**

**Step 2: Click on the link supplied in the email we send to you and fill out the remainder of your contact information.**

Primary Email Address

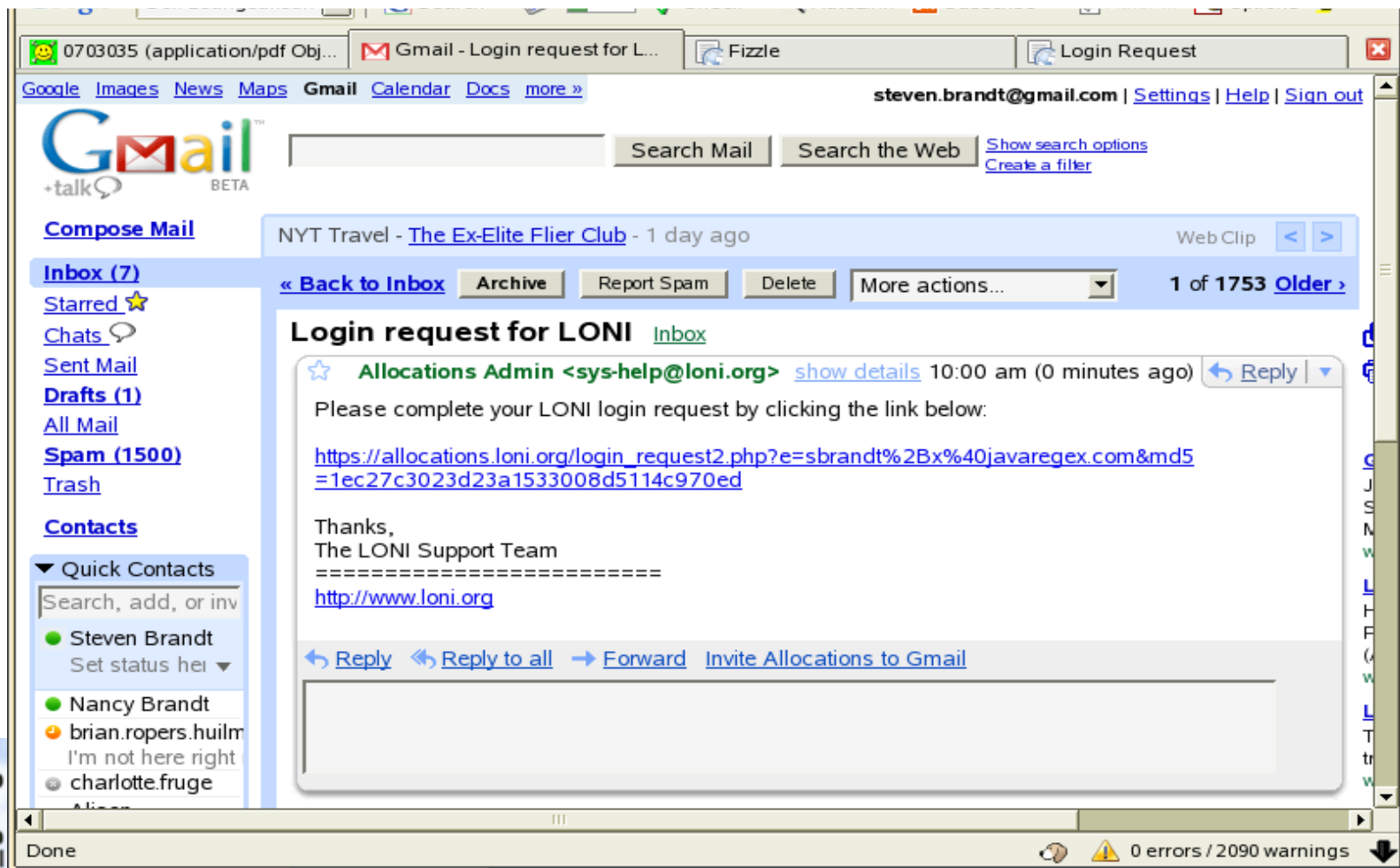
Copy Code from Image



Done 0 errors / 5 warnings

The screenshot shows a Mozilla Firefox browser window titled "Login Request - Mozilla Firefox". The address bar displays "https://allocations.loni.org". The browser's menu bar includes File, Edit, View, Go, Bookmarks, Tools, and Help. The toolbar contains navigation icons (back, forward, refresh, stop, home) and a search bar with "Go". Below the toolbar, there are several tabs: "0703035 (applicatio...", "Gmail - Inbox (7)", "Fizzle", and "Login Request". The main content area features the LONI logo (Louisiana Optical Network Initiative) and three navigation buttons: "Prospective Researchers", "Education", and "Corporate Visitors". A message reads: "Thank you for your request. You should receive an automatic email momentarily. Please click on the link within that email address to complete the process." The status bar at the bottom shows "Done" and "0 errors / 3 warnings".

# Receive E-mail message with URL



Firefox browser window showing a login request form for LONI (Louisiana Optical Network Initiative).

Address bar: <https://allocations.loni.org/log>

Navigation: RT, Storms, TG Monitors, Calendar, mm, Allocations, Home, Gmail, arXiv.org

Search: Google, Box Leangsuksun, Search, PageRank, Check, AutoLink, Subscribe

Open tabs: 0703035 (appli...), Gmail - Login ..., Fizzle, Login Request, Login Request

### LONI Louisiana Optical Network Initiative

**Prospective Researchers** | Education | Corporate Visitors

Please fill out all applicable fields. Fields marked with \* are required. Please give us as much additional information as is possible.

If your request is granted, the login name and password you choose on this form will be your login and password on all LONI machines. Please remember them!

Desired Username: \*

Password: \*

Confirm Password: \*

---

Title:

First Name: \*

Last Name: \*

Email:

LONI Contact/Collaborator: \*

Office Phone: \*

Mobile Phone:

Home Phone:

Fax Number:

AOL Instant Messenger ID:

Office Room Number:

Office Building Name:

Office Postal Address: \*

Department:

Research Area:

Personal Web Page:

Login Shell:

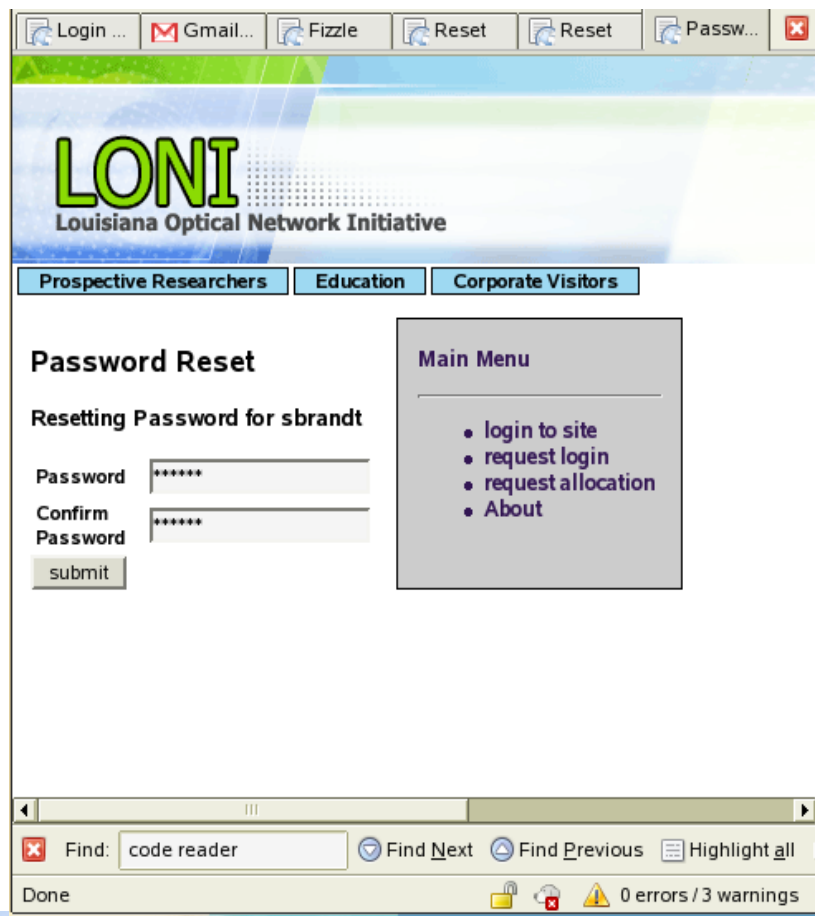
Globus DN:

Done | 0 errors / 3 warnings

# Resetting your Password

The screenshot shows a web browser window with several tabs: 'Login Re...', 'Gmail - I...', 'Fizzle', 'Reset', and another 'Reset' tab. The main content area displays the LONI logo and the text 'Louisiana Optical Network Initiative'. Below the logo are three navigation buttons: 'Prospective Researchers', 'Education', and 'Corporate Visitors'. The 'Reset Form' section contains a CAPTCHA image with the text 'ysfdzo'. Below the CAPTCHA, there is an 'Email:' label followed by a text input field containing 'sbrandt@cct.lsu.edu'. Below that is an 'Image Code:' label followed by a text input field containing 'ysfdzo'. A 'reset' button is located below the image code field. At the bottom of the browser window, there is a search bar with the text 'code reader', 'Find Next', 'Find Previous', and 'Highlight all' buttons. The address bar shows 'http://www.loni.org/' and a status bar at the bottom right indicates '0 errors / 4 warnings'.

# Reseting your Password



After entering the previous form, you get an email link that leads you to this one. After you submit this form, an admin must manually approve the change.

# Getting an Allocation

- Where to start
  - Start with [allocations.loni.org](http://allocations.loni.org)
  - Click on "Request Allocation"
- Getting an Allocation
  - Joining an Allocation



[Prospective Researchers](#) [Education](#) [Corporate Visitors](#)

## Allocations

- **[New Allocation:](#)** Use this option if you are an allocation PI, or would like to become one.
- **[Join Allocation:](#)** Use this option if you wish to join an existing allocation rather than be a PI.
  - This form will help you locate your PI and allocation, then send a request for membership to that allocation's PI.
- **[Re-apply for an Allocation:](#)** If you have previously filled out an allocation form on this site, find it under "My Allocations" to the right, then press the "Clone/Edit" button on one of your previous allocations.

Logged in as sbrandt

---

[Balances](#)  
[Activate Users](#)  
[Begin Review](#)  
[View All](#)  
[Request Allocation](#)  
[Manage Memberships](#)  
[Manage Donations](#)  
[User Admin](#)  
[Profile](#)  
[My Allocations](#)

Review

- [Startup](#)
- [Large](#)

---

[About](#)  
[Logout](#)

Join an Existing Allocation - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

RT Storms TG Monitors Calendar mm Allocations Home

Google Search PageRank Check

Google Gmail - Inbox Fizzle Join an Existi...

# LONI

Louisiana Optical Network Initiative

Prospective Researchers Education Corporate Visitors

## Join an Existing Allocation

To find the allocation PI, please enter one of these items:

1. The PI's email address,
2. The PI's full name, or
3. The PI's login ID.

stephen brant search

Logged in as sbrandt

- Balances
- Activate Users
- Begin Review
- View All
- Request Allocation
- Manage Memberships
- Manage Donations
- User Admin
- Profile
- My Allocations

Review

- Startup
- Large

About  
Logout

Done 0 errors / 3 warnings

★ Join an Existing Allocation - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

https://allocations.loni.org/join\_project.php

RT Storms TG Monitors Calendar mm Allocations Home Gmail arXiv.org Blog ETF Bugs

Google Search PageRank Check AutoLink Subscribe AutoFill Options

Google Gmail - Inbox (10) Fizzle Join an Existing Allocation

---

**LONI**  
Louisiana Optical Network Initiative

Prospective Researchers Education Corporate Visitors

---

**Join an Existing Allocation**

Search Term: **stephen brant**

Full Name	UID	E-mail address (es)	Phone Number(s)	
Steven Brandt	sbrandt	sbrandt@cct.lsu.edu sleven.brandt@gmail.com sbrandt@javaregex.com	225 578 5431	<a href="#">Join Projects</a>
Steven Rick	srick	srick@lsu.edu	+1-504-389-1119	No Projects
Stephen Behling	sbehling	sbehling@lsu.edu	+1-601-397-5124 +1-651-397-5679	No Projects
Brian Blanton	bblanton	brian.blanton@lsu.edu	919-336-7562 919-336-5662	No Projects
Azzam Moustapha	amoustapha	aim003@lsu.edu	+1-225-343-1181	No Projects

To find the allocation PI, please enter one of these items:

1. The PI's email address,
2. The PI's full name, or
3. The PI's login ID.

stephen brant

---

Find: training     Match case

https://allocations.loni.org/uadmin.php 0 errors / 3 warnings

Logged in as ktraxler

- Balances
- Activate Users
- Begin Review
- View All
- Request Allocation
- Manage Memberships
- Manage Donations
- User Admin
- Profile
- My Allocations

Review

- Startup
- Large

About

Logout

High P

★ Join an Existing Allocation - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

https://allocations.loni.org/join\_project2.php

RT Storms TG Monitors Calendar mm Allocations Home Gmail arXiv.org Blog ETF Bugs

Google untry code reader Search PageRank Check AutoLink Subscribe AutoFill Options

Amazon.com: Equus 3100 In... Gmail - Inbox (10) Fizzle Join an Existing Allocation

# LONI

Louisiana Optical Network Initiative

Prospective Researchers Education Corporate Visitors

## Join an Existing Allocation

Projects		
allocation	description	
loni_training	<No Description Available>	Join

Logged in as ktraxler

- Balances
- Activate Users
- Begin Review
- View All
- Request Allocation
- Manage Memberships
- Manage Donations
- User Admin
- Profile
- My Allocations

Review

- Startup
- Large

About  
Logout

Find: code reader Find Next Find Previous Highlight all Match case

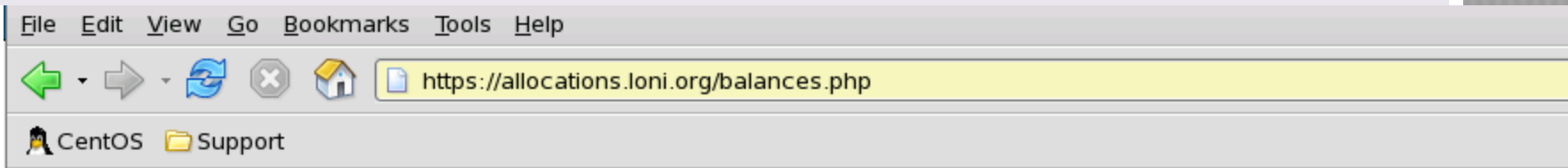
Done 0 errors / 3 warnings

## Friendly Enforcement of Allocation Limit

- Jobs are not killed
- Local plain text files are checked for allocation, does not directly depend on allocation admin. server

# Allocation System Features

- Monitoring usage
  - website "balances"
  - command line tool: "balance"
- Setting the default allocation for jobs
- Bug reporting (on About Page)



Prospective Researchers

Education

Corporate Visitors

### Balances

Balances for scheinin

Amount	Deposited	Start_time	End_time	Active	Machine_set	Project	Default
47633.42	50000.00	04/01/2008	04/01/2009	True	ANY	<a href="#">loni hybrid02</a>	<input type="radio"/>
(other projects)							<input type="radio"/>

Update

- Set Defaults with radio button, then update
- Click on allocation to see usage detail

Logged in as [scheinin](#)

---

- Balances
- Request Allocation
- Manage Memberships
- Manage Donations
- Profile
- My Allocations

---

- About
- Logout



# Running Jobs

- Specify nothing, use default!
- PBS
  - command line: `qsub -A alloc job.qsub`
  - in a batch file: `#PBS -A alloc`
- LoadLeveler
  - in a batch file: `#@ account_no = alloc`

# Managing an Allocation

- Adding/Approving Users
- Managing Donations
- Applying for More Time

High Per

★ My Allocations - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

https://allocations.loni.org/myallocations.php

RT TG Monitors Calendar mm Allocations Maps Gmail arXiv.org Blog ETF Bugs GRIDtoday

Google Search Bookmarks PageRank Check AutoLink Subscribe AutoFill

My Allocations iGoogle Feel Stupid | Dell Great For Porno

**LONI**  
Louisiana Optical Network Initiative

Prospective Researchers Education Corporate Visitors

“Report” to file report.

My allocations						
Title	Name	Disk	Mem	SUs requested	Status	Report
test	test1			1000	reject	<a href="#">Not filed yet</a> Clone/Edit Details
test	test2			1000	reject	<a href="#">Not filed yet</a> Clone/Edit Details
test	test3			1000	approved	<a href="#">Not filed yet</a> Clone/Edit Details Report

Logged in as sbrandt

- Balances
- Activate Users
- Begin Review
- View All
- Summary
- Request Allocation
- Manage Memberships
- Manage Donations
- Manage Groups
- User Admin
- Profile
- My Allocations

Review

- Startup
- Large

About  
Logout

★ Allocations Report - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

← → ↻ × 🏠 <https://allocations.loni.org/report.php?pname=test3> 🔒 Go

RT TG Monitors Calendar mm Allocations Maps Gmail arXiv.org Blog ETF Bugs

Google Search Bookmarks PageRank Check AutoLink Subscr

Allocations Report iGoogle

---

**LONI**  
Louisiana Optical Network Initiative

Prospective Researchers Education Corporate Visitors

---

**Research Progress Report**

The report should indicate all progress made, papers published, etc. as a result of simulations run at this facility.

---

**Project: test**

Upload PDF report file for test3 for submission.

Project Description:

Upload report (PDF format only):  Browse...

Logged in as sbrandt

---

Balances  
 Activate Users  
 Begin Review  
 View All  
 Summary  
 Request Allocation  
 Manage Memberships  
 Manage Donations  
 Manage Groups  
 User Admin  
 Profile  
 My Allocations

Review

- Startup
- Large

---

About  
 Logout



High

★ Manage Projects - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

https://allocations.loni.org/manage2.php

RT Storms TG Monitors Calendar mm Allocations Home Gmail arXiv.org Blog ETF Bugs

Google country code reader Search PageRank Check AutoLink Subscribe AutoFill Options

Amazon.com: Equus 3100 In... Gmail - Inbox (12) Fizzle Manage Projects

---

**LONI**  
Louisiana Optical Network Initiative

Prospective Researchers Education Corporate Visitors

**Edit allocation membership for loni\_training**

user		
ktraxler	Revoke Admin	Remove User
sbrandt	Cannot Revoke Admin	Cannot Remove

Add a User

[Ask the PI of another allocation if you may join his/her allocation.](#)

Logged in as sbrandt

Balances  
 Activate Users  
 Begin Review  
 View All  
 Request Allocation  
 Manage Memberships  
 Manage Donations  
 User Admin  
 Profile  
 My Allocations

Review

- Startup
- Large

About  
 Logout

Find: code reader Find Next Find Previous Highlight all Match case

Done 0 errors / 3 warnings

High Performance

edu/

★ Donate Allocation - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

https://allocations.loni.org/donate

RT TG Monitors Calendar mm Allocations Maps Gmail arXiv.org BI

Google Search Bookmarks PageRank Check

Donate Allocation iGoogle

---

**LONI**  
Louisiana Optical Network Initiative

Prospective Researchers Education Corporate Visitors

### Donate Allocations

Through this page you can donate the remaining time on any allocation you administer to any other allocation that you are currently able to use. This will help you to use up the last remaining SUs in an allocation nearing its expiration date.

Update		recipient			
		loni_training	loni_test1	loni_test2	loni_test3
donor	loni_training	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	loni_test1	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	loni_test2	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
	loni_test3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Logged in as sbrandt

---

- Balances
- Activate Users
- Begin Review
- View All
- Summary
- Request Allocation
- Manage Memberships
- Manage Donations
- Manage Groups
- User Admin
- Profile
- My Allocations

Review

- Startup
- Large

---

- About
- Logout

# Acknowledgements

Most slides taken from previous presentation prepared by Steven Brandt.