



1. Before registering to 'Badger' please subscribe to our Newsletter
2. Fill out '[Badger Account Form](#)' and send it to cnicleanroom@columbia.edu
3. Install and Log-in to Badger system:

<http://columbia.badgerlms.com/badger/News.html>

and download the app here:

<http://columbia.badgerlms.com/badger/etc/badger.jnlp>

Badger Lab Management Software

Welcome to CNI - Badger Lab Management Software

Email

Password

Lab
All Labs

Login Cancel

News **New Member?**

By logging in I accept the terms of the lab agreement.

View Agreement

Lost Password?

When you enter the PI Account number make sure it is in this format:

Unit Department PC BusUnit Project Activity Initiative Segment

Examples:

COLUM 1234567 SPONS GG123456 01 12345 SMITH1

COLUM 1234567 GENRL UR123456 01 00000 00000000

You can search your PI name in the system by the 2 first letters of the last name.

Once your account is activated you'll receive an email confirmation.

To view equipment status, tool reservations, and shutdowns please see the dashboard page.

Dashboard: <http://columbia.badgerlms.com/badger/DashboardCNI.html>

Enable/Disable Equipment

The screenshot displays a web application interface for equipment management. On the left, a tree view shows a list of equipment under the 'CHI' category. The 'Laurell spinner 1' item is highlighted, and a context menu is open with options: 'Enable', 'Disable', 'Shutdown', 'Report Problem', 'Make Comment', 'Quality User', 'Browse Manual', and 'Point Dryer*'. The main area shows the 'Reservations' tab for 'Laurell spinner 1'. It features a calendar grid with columns for days from Thursday, May 14 to Wednesday, May 20. The grid shows reservation slots for 'drw2105@...' on Thursday, May 14, from 13:00 to 14:00. The interface includes a top navigation bar with tabs for 'Reservations', 'History', 'Maintenance', 'Policy', 'Equipment Status', and 'Staff Charges'. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the time as 12:41 PM on 5/15/2015.

Maintenance Tab

CNI (np2496@columbia.edu) Badger

Window Equipment Actions Reservation Actions History Actions Staff Actions Supplies Reports Utilities Help

Reservations History **Maintenance** Policy Equipment Status Staff Charges

Angstrom Metals Deposition System Maintenance Record

Unresolved Comments
 Resolved Problems
 Shutdowns

From: 2015 / 2 / 13
 To: 2015 / 5 / 14

Search

Resolved?	Type	Time Submitted	Submitter	Subject
<input type="checkbox"/>	COMMENT	2015/04/14 16:17:34	jz534@columbia.edu	new emitter installed
<input type="checkbox"/>	COMMENT	2015/04/17 15:32:29	np2496@columbia.edu	New Gold Crucible
<input type="checkbox"/>	COMMENT	2015/04/24 15:19:02	np2496@columbia.edu	Materials on the Angstrom
<input type="checkbox"/>	PROBLEM	2015/04/24 15:19:27	np2496@columbia.edu	E-Beam

Clear Comment/Problem/Shutdown Show Message

Showing 4 record(s)

CLEANROOM

- Angstrom Metals Deposition System*
- Agilent SEM*
- Bal-Tec Critical Point Dryer*
- Cambridge NanoTech ALD*
- Cressington Sputter Coater*
- Dektak Profilometer*
- Diener Plasma Etch* (ss4735@columbia.edu)
- Edwards Thermal Evaporator 1*
- Edwards Thermal Evaporator 2*
- FEI E-Beam Writer* (hw2379@columbia.edu)
- Heidelberg (1 um) Laser Writer*
- Heidelberg (3 um) Laser Writer*
- Kulicke and Soffa Die Slicer*
- Laurell spinner 1
- Laurell spinner 2
- Laurell spinner 3
- Nanonex Imprinter*
- Oxford ICP RIE*
- Oxford PECVD*
- Semicore E-Beam Evaporator*
- Sess MA6 Mask Aligner* (yr2471@columbia.edu)
- Sess MJB3 Mask Aligner*
- Technics RIE*
- UVOCs UV Ozone Cleaner*
- Westbond Aluminum Wire Bonder*
- Westbond Gold Wire Bonder*
- Wyko NT9100 Optical Profiler*
- Nanobeam* (st3229@columbia.edu)
- Acid Hood*

SMCL

- Cryogenic R-700X SQUID Magnetometer
- TA Instruments Q500 TGA
- Agilent 8453 UV-vis. spectrophotometer
- Agilent SuperNova SCXRD

EN 12:42 PM 5/15/2015

Change Password

The screenshot shows a web application interface for resource reservations. The left sidebar contains a tree view of resources, categorized under 'CLEANROOM' and 'SMCL'. The main area displays a reservation calendar for 'Laurell spinner 1' with a grid for dates from May 14 to May 26 and times from 0:00 to 23:30. A user 'drw2105@...' is shown with a reservation on May 14 from 13:30 to 14:00.

Resource List:

- CLEANROOM
 - Angstrom Metals Deposition System*
 - Agilent SEM*
 - Bal-Tec Critical Point Dryer*
 - Cambridge NanoTech ALD*
 - Cressington Sputter Coater*
 - Dektak Profilometer*
 - Diener Plasma Etch* (ss4735@columbia.edu)
 - Edwards Thermal Evaporator 1*
 - Edwards Thermal Evaporator 2*
 - FEI E-Beam Writer* (hw2379@columbia.edu)
 - Heidelberg (1 um) Laser Writer*
 - Heidelberg (3 um) Laser Writer*
 - Kulicke and Soffa Die Slicer*
 - Laurell spinner 1
 - Laurell spinner 2
 - Laurell spinner 3
 - Nanonex Imprinter*
 - Oxford ICP RIE*
 - Oxford PECVD*
 - Semcore E-Beam Evaporator*
 - Suss MA6 Mask Aligner* (yr2471@columbia.edu)
 - Suss MJB3 Mask Aligner*
 - Technics RIE*
 - UVOCs UV Ozone Cleaner*
 - Westbond Aluminum Wire Bonder*
 - Westbond Gold Wire Bonder*
 - Wyko NT9100 Optical Profiler*
 - Nanobeam* (st3229@columbia.edu)
 - Acid Hood*
- SMCL
 - Cryogenic R-700X SQUID Magnetometer
 - TA Instruments Q500 TGA
 - Agilent 8453 UV-vis. spectrophotometer
 - Agilent SuperNova SCXRD

Reservation Calendar:

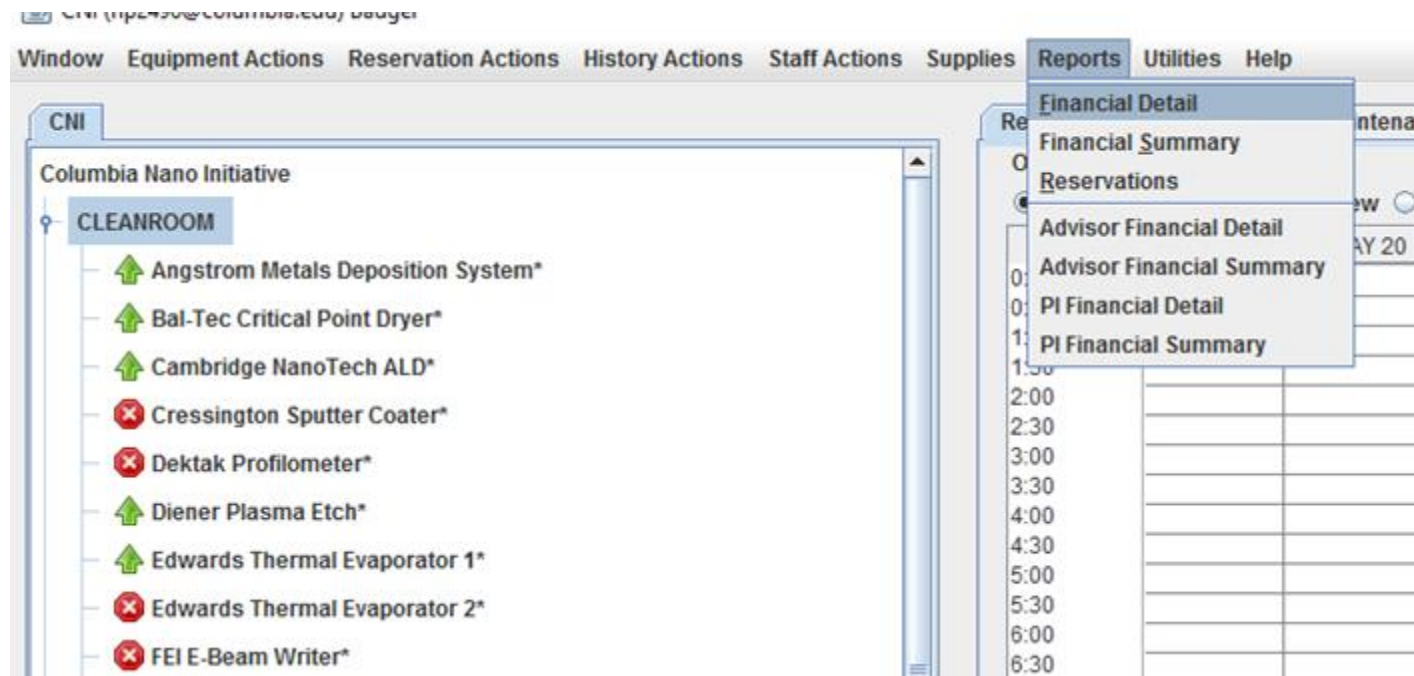
Laurell spinner 1 Reservations

Multiple Days Per Machine View (Selected) | Multiple Machines Per Day View

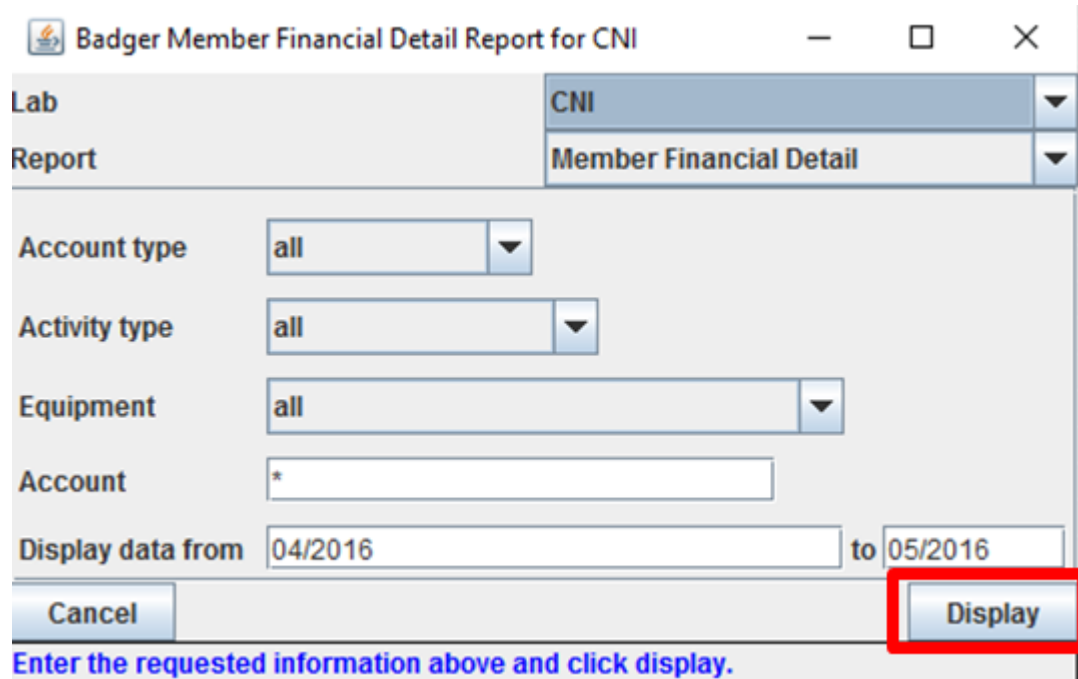
Time	Thu, MAY 14	Fri, MAY 15	Sat, MAY 16	Sun, MAY 17	Mon, MAY 18	Tue, MAY 19	Wed, MAY 20	Thu, MAY 21	Fr, MAY 22	Sat, MAY 23	Sun, MAY 24	Mon, MAY 25	Tue, MAY 26	Wed, MAY 27
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View your Financial Details

1. Reports → Financial Details



2. Select the dates à Display



Badger Member Financial Detail Report for CNI

Lab: CNI

Report: Member Financial Detail

Account type: all

Activity type: all

Equipment: all

Account: *

Display data from: 04/2016 to 05/2016

Buttons: Cancel, Display

Enter the requested information above and click display.

3. You'll get a report with all your usage and the cost

Member Financial Detail								
item	type	bdate	agent	project	project_type	account	amount	cost
Angstrom Metals Deposition System	eq_activity	2016-04-04 1	np2496@col...	Default	no charge	Default	36.0	0.00
Angstrom Metals Deposition System	eq_activity	2016-04-11 0	np2496@col...	Default	no charge	Default	149.0	0.00
Angstrom Metals Deposition System	eq_activity	2016-04-18 0	np2496@col...	Default	no charge	Default	113.0	0.00
Angstrom Metals Deposition System	eq_activity	2016-04-21 1	np2496@col...	Default	no charge	Default	94.0	0.00
Angstrom Metals Deposition System	eq_activity	2016-04-27 1	np2496@col...	Default	no charge	Default	82.0	0.00
Angstrom Metals Deposition System	eq_activity	2016-05-02 0	np2496@col...	Default	no charge	Default	155.0	0.00
Angstrom Metals Deposition System	eq_activity	2016-05-03 1	np2496@col...	Default	no charge	Default	93.0	0.00
Angstrom Metals Deposition System	eq_activity	2016-05-08 0	gr2469@colu...	Default	no charge	Default	1.0	0.00
Angstrom Metals Deposition System	eq_activity	2016-05-12 1	np2496@col...	Default	no charge	Default	72.0	0.00
Angstrom Metals Deposition System	eq_activity	2016-05-16 1	np2496@col...	Default	no charge	Default	186.0	0.00
Angstrom Metals Deposition System	eq_activity	2016-05-18 1	np2496@col...	Default	no charge	Default	42.0	0.00
Beamer	eq_activity	2016-04-19 1	np2496@col...	Default	no charge	Default	12.0	0.00
Diener Plasma Etch	eq_activity	2016-04-05 1	np2496@col...	Default	no charge	Default	264.0	0.00
Diener Plasma Etch	eq_activity	2016-04-06 0	np2496@col...	Default	no charge	Default	31.0	0.00
Diener Plasma Etch	eq_activity	2016-04-06 1	np2496@col...	Default	no charge	Default	3.0	0.00
Diener Plasma Etch	eq_activity	2016-04-07 1	np2496@col...	Default	no charge	Default	7.0	0.00
Diener Plasma Etch	eq_activity	2016-04-07 1	np2496@col...	Default	no charge	Default	19.0	0.00
Diener Plasma Etch	eq_activity	2016-05-11 1	np2496@col...	Default	no charge	Default	1.0	0.00
Oxford ICP RIE	eq_activity	2016-04-27 1	np2496@col...	Default	no charge	Default	12.0	0.00
Oxford ICP RIE	eq_activity	2016-04-28 1	np2496@col...	Default	no charge	Default	73.0	0.00
Oxford ICP RIE	eq_activity	2016-04-28 1	np2496@col...	Default	no charge	Default	1.0	0.00
Oxford ICP RIE	eq_activity	2016-05-06 0	np2496@col...	Default	no charge	Default	26.0	0.00
Oxford ICP RIE	eq_activity	2016-05-06 1	np2496@col...	Default	no charge	Default	25.0	0.00
Parylene Coater	eq_activity	2016-05-05 1	np2496@col...	Default	no charge	Default	1.0	0.00
Parylene Coater	eq_activity	2016-05-05 1	np2496@col...	Default	no charge	Default	2.0	0.00
Parylene Coater	eq_activity	2016-05-05 1	np2496@col...	Default	no charge	Default	1.0	0.00
Parylene Coater	eq_activity	2016-05-05 1	np2496@col...	Default	no charge	Default	1.0	0.00
Parylene Coater	eq_activity	2016-05-05 1	np2496@col...	Default	no charge	Default	1.0	0.00