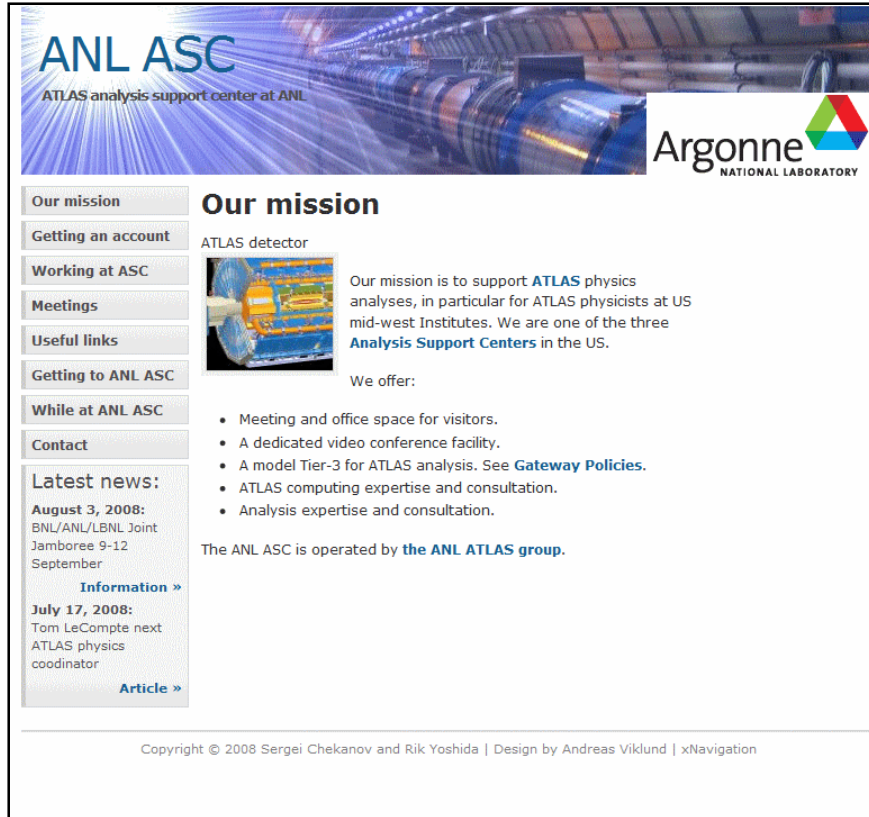


# Welcome to ANL ASC for an ATLAS Analysis Jamboree 20-22 May 09

Some information for the participants



**ANL ASC**  
ATLAS analysis support center at ANL

Argonne  
NATIONAL LABORATORY

**Our mission**

Getting an account

Working at ASC

Meetings

Useful links

Getting to ANL ASC

While at ANL ASC

Contact

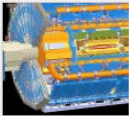
**Latest news:**

**August 3, 2008:**  
BNL/ANL/LBNL Joint  
Jamboree 9-12  
September  
[Information »](#)

**July 17, 2008:**  
Tom LeCompte next  
ATLAS physics  
coordinator  
[Article »](#)

**Our mission**

ATLAS detector



Our mission is to support **ATLAS** physics analyses, in particular for ATLAS physicists at US mid-west Institutes. We are one of the three **Analysis Support Centers** in the US.

We offer:

- Meeting and office space for visitors.
- A dedicated video conference facility.
- A model Tier-3 for ATLAS analysis. See [Gateway Policies](#).
- ATLAS computing expertise and consultation.
- Analysis expertise and consultation.

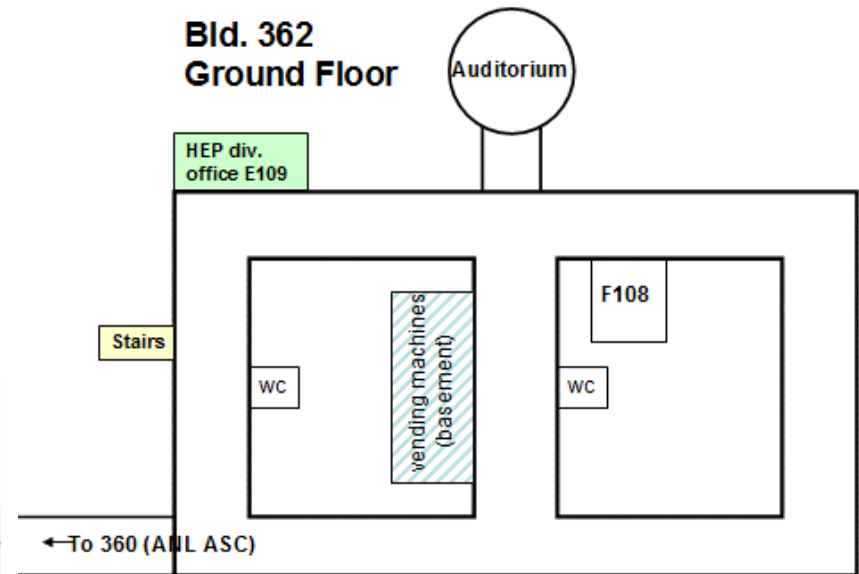
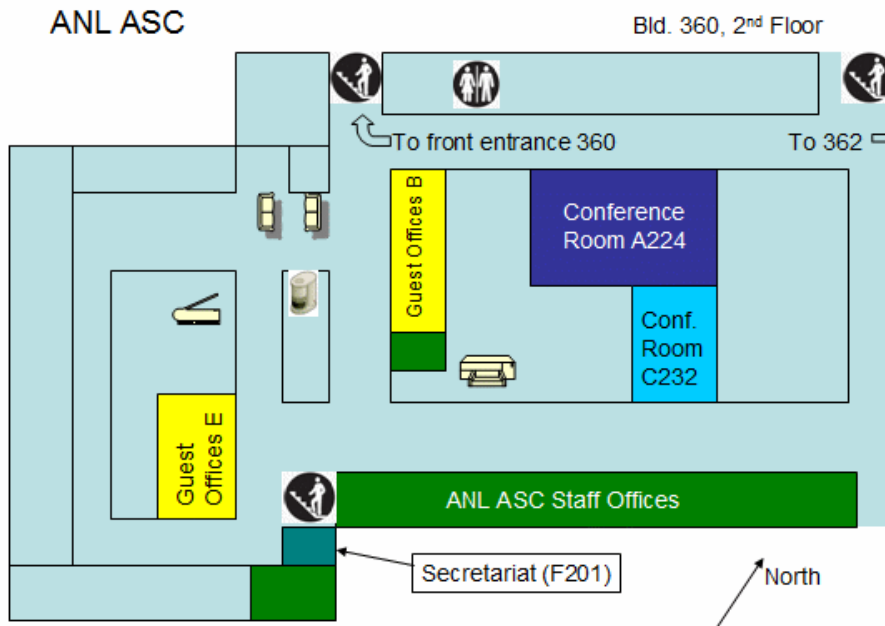
The ANL ASC is operated by [the ANL ATLAS group](#).

Copyright © 2008 Sergei Chekanov and Rik Yoshida | Design by Andreas Viklund | xNavigation

Most of what I say now is in the web page:  
<http://atlaswww.hep.anl.gov/asc/>

# Safety information

- Emergency phone number is 911
- Siren means evacuate the building.
- Other emergency action will be announced via PA



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## Telephones and faxes:

**Calling out:** 7 to get the outside line.

**Calling an internal ANL number:** 2+extension.

**Calling into ANL from outside:** (+1) 630 252 +extension.

**Telephones:** in the Guest Offices E and B are available for your use.

**ANL ASC Secretariat (Jen) :** F201 x6290

**HEP Division Office :** Bld. 362 E109: x6270

**Extensions of ANL ATLAS group members**

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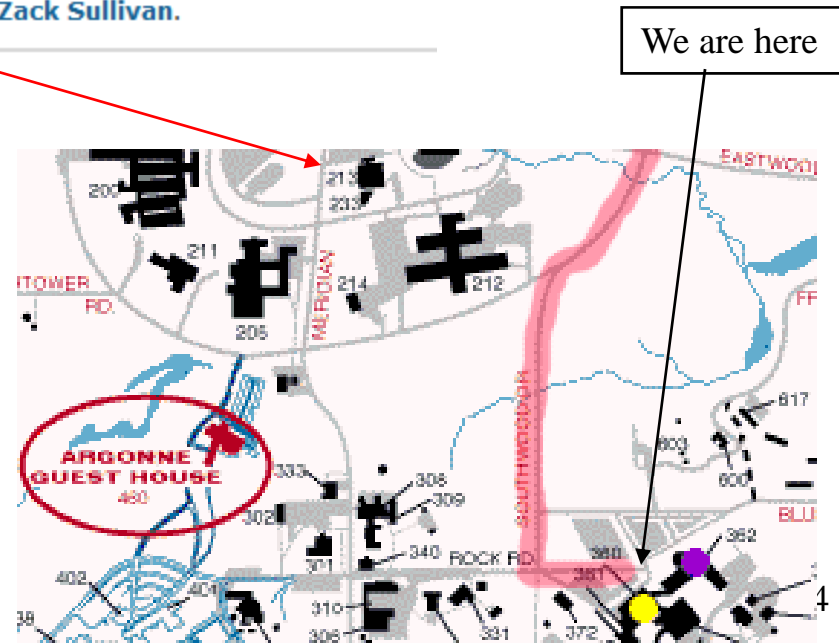
## Breakfast, Lunch, Dinner:

**Building 213 Cafeteria:** (locate on [this](#) map) open for **breakfast** and **lunch**. **Menu**(with prices).

**Argonne Guest House** open for lunch and dinner. Menu (with prices) are also on that page.

**Local Restaurants:** [This](#) is a pretty comprehensive list from **Zack Sullivan**.

A list of nearby restaurants are linked from “While at ANL ASC” page at the bottom.



## Laptop connections:

Both wired and wireless (ArgonneG-guest) connections are available. You'll be asked to fill out a form the first time. This room is A224, Bld. 360, you can use me (R. Yoshida) as contact.

## Printing:

Printing instructions are in:

[http://atlaswww.hep.anl.gov/asc/ASC\\_working/index.php?n=Main.PrintingAtASC](http://atlaswww.hep.anl.gov/asc/ASC_working/index.php?n=Main.PrintingAtASC)

The printers are in C216

## Argonne HEP Computing Group

- Headed by David Malon.
  - Event Store coordinator
  - One of the founders of the US Atlas Software Project
- Focus is Event Store software for Atlas.
  - o Alexander Vaniachine:
    - Database Operations and Deployment
  - o Peter van Gemmeren:
    - Athena I/O Framework
  - o Jack Cranshaw:
    - TAG Database and Metadata
  - o Qizhi Zhang
    - Relational Databases
- We collaborate with the MWT2 group.

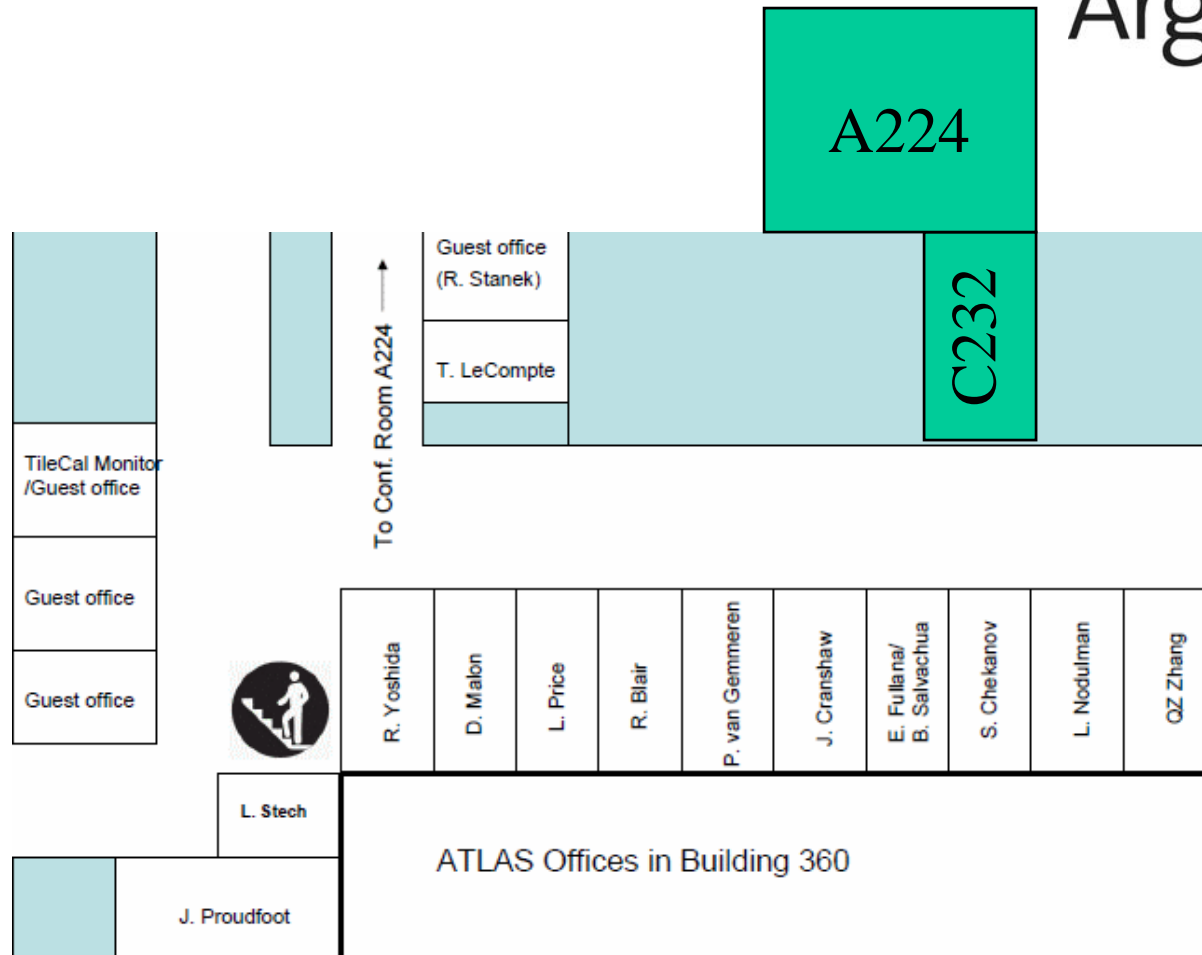
July 15, 2008

ANL Analysis Workshop (Jack  
Cranshaw)

2

Marco Mambelli (UChicago) MWT2 and OSG

ANL ASC Tier-3 Computing Environment: Sergei Chekanov



ATLAS Offices in Building 360

Offices in Building 362

R. Stanek	F217
A. Vaniachine	E265
D. Underwood	F225



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Argonne  
NATIONAL LABORATORY

- Our mission
- Getting an account
- Working at ASC
- ASC Computing Workbook
- Tier3 setup guides
- Meetings
- Useful links
- Getting to ANL ASC
- While at ANL ASC
- Contact
- Latest news:  
May 4, 2009:

**Workshops at ANL ASC**

**Upcoming workshops**

**Next workshops**

- **Tier3(g,w) Meeting, May 18,19**  
[Documentation](#)  
[Agenda](#)
- **ATLAS Analysis Jamboree, May 20-22**  
A joint session with the [ANL/IIT Theory Institute](#) is planned.  
[Agenda](#)

[Registration](#) for above 2 meetings.  
[Participants](#) for above 2 meetings



If you would like an account, let me or Sergei know.









If you intend to work from ANL ASC computers, start here

At ANL ASC one can use any of these servers/PC :

atlas16.hep.anl.gov	(server, 4 CPU)	} <b>Grid Access</b>
atlas17.hep.anl.gov	(server, 4 CPU)	
atlas18.hep.anl.gov	(server, 4 CPU)	
atlas20.hep.anl.gov	(2 CPU, desktop E-116D,	no login from outside)
atlas21.hep.anl.gov	(2 CPU, desktop E-116D,	no login from outside)
atlas22.hep.anl.gov	(2 CPU, desktop, E-116A,	no login from outside)
atlas23.hep.anl.gov	(2 CPU, desktop, E-116B,	no login from outside)



# Plan of the Jamboree

12:30 Lunch (1h15)		
<b>13:45-&gt;17:30 Performance Status (Bld 360, A224 and EVO)</b>		
13:45	Welcome and Introduction (10)	Rik Yoshida
13:55	Jet Algorithms: current thinking/plans (30)  Slides  	Jimmy Proudfoot ( <i>High Energy Physics Division</i> )
14:25	Jet energy scale and calibration framework (30)  Slides  	Belen Salvachua ( <i>Argonne National Laboratory (ANL)</i> )
14:55	Jet Uncertainties: physics, detector and in-situ tests (20)  Slides 	Esteban Fullana Torregrosa ( <i>Argonne National Laboratory (ANL)</i> )
15:15 break (15)		
15:30	Missing Et and its relation to jets (30)	Bruce Mellado Garcia ( <i>University of Wisconsin</i> )
16:00	eGamma DPD and the physics rational of the contents (30)	Scott Snyder ( <i>Brookhaven National Laboratory (BNL)</i> )
<b>Thursday 21 May 2009</b> <a href="#">top↑</a>		
<b>09:00-&gt;11:00 Performance Status (cont)</b>		
09:00	Status of ID tracking (30)	Vivek Jain ( <i>Indiana University</i> )
09:30	Muon Identification: From Cosmics to Collisions (30)	Kevin Black ( <i>Harvard University</i> )
<b>11:00-&gt;12:30 Working Time</b>		
12:30 lunch (1h15)		

What is the latest understanding from performance groups.

# Plan of the Jamboree



Thursday 21 May 2009		<a href="#">top↑</a>
09:00->11:00 <b>Performance Status (cont)</b>		
09:00	Status of ID tracking (30')	Vivek Jain ( <i>Indiana University</i> )
09:30	Muon Identification: From Cosmics to Collisions (30')	Kevin Black ( <i>Harvard University</i> )
11:00->12:30 <b>Working Time</b>		
12:30	lunch (1h15')	
13:45->17:00 <b>Working Time</b>		
18:30	Dinner (TBA) (2h00') (Local Restaurant)	
Friday 22 May 2009		<a href="#">top↑</a>

We've set aside long working times for collaboration and discussion.

Also available:

- Example jet analyses (Jet talks)
- Sample egamma D3PDs (Scott's talk)
- ID tracking MC data and example job (Vivek's talk)
- Muon cosmic data (Kevin's talk)
- +some general pedagogical examples.

# Plan of the Jamboree



Friday 22 May 2009

[top](#)↑

## 09:00->12:00 Using Metadata

09:00	Overview of Atlas Metadata tools (30')	David Malon (Argonne National Laboratory)
09:30	Finding the data (30')	Jack Cranshaw (ANL)
10:00	break (15')	
10:15	Run- and luminosity-block-level metadata and associated tools (45')	Elizabeth Gallas (Oxford)
11:00	Event-level metadata (30')	Qizhi Zhang (High Energy Physics Division-Argonne National Laboratory-Unknown)
11:30	(How) will it work on day 1? (30')	David Malon (Argonne National Laboratory)
12:00	lunch (1h15')	

Finally on Friday, a session on metadata

Dinner:

We'll go to a local restaurant on Thursday evening.  
It'll be a pay-as-you-go (no subscription) dinner.

You'll get a mail about it later today, assuming I can get my act together.