



Argonne
NATIONAL
LABORATORY

... for a brighter future



U.S. Department
of Energy

UChicago ►
Argonne_{LLC}

A U.S. Department of Energy laboratory
managed by UChicago Argonne, LLC

HEP Division meeting

H. Weerts

September 8, 2009

Overview

No particular reason for this division meeting.

Actually only good things currently.....

Mainly a forum to:

- Let you know some things
- Opportunity for you to ask questions

•Open House

Topics:

- Funding situation
- Shift in direction
- Expansion of division in space
- DOE site visit

- Vacation time
- Safety & Training
- Questions & Answers



The division: Funding

Status:

Division is doing well financially

Budget is FY09 is up by 70% compared to FY08

This includes ~\$7M of ARRA funds (rather specific)

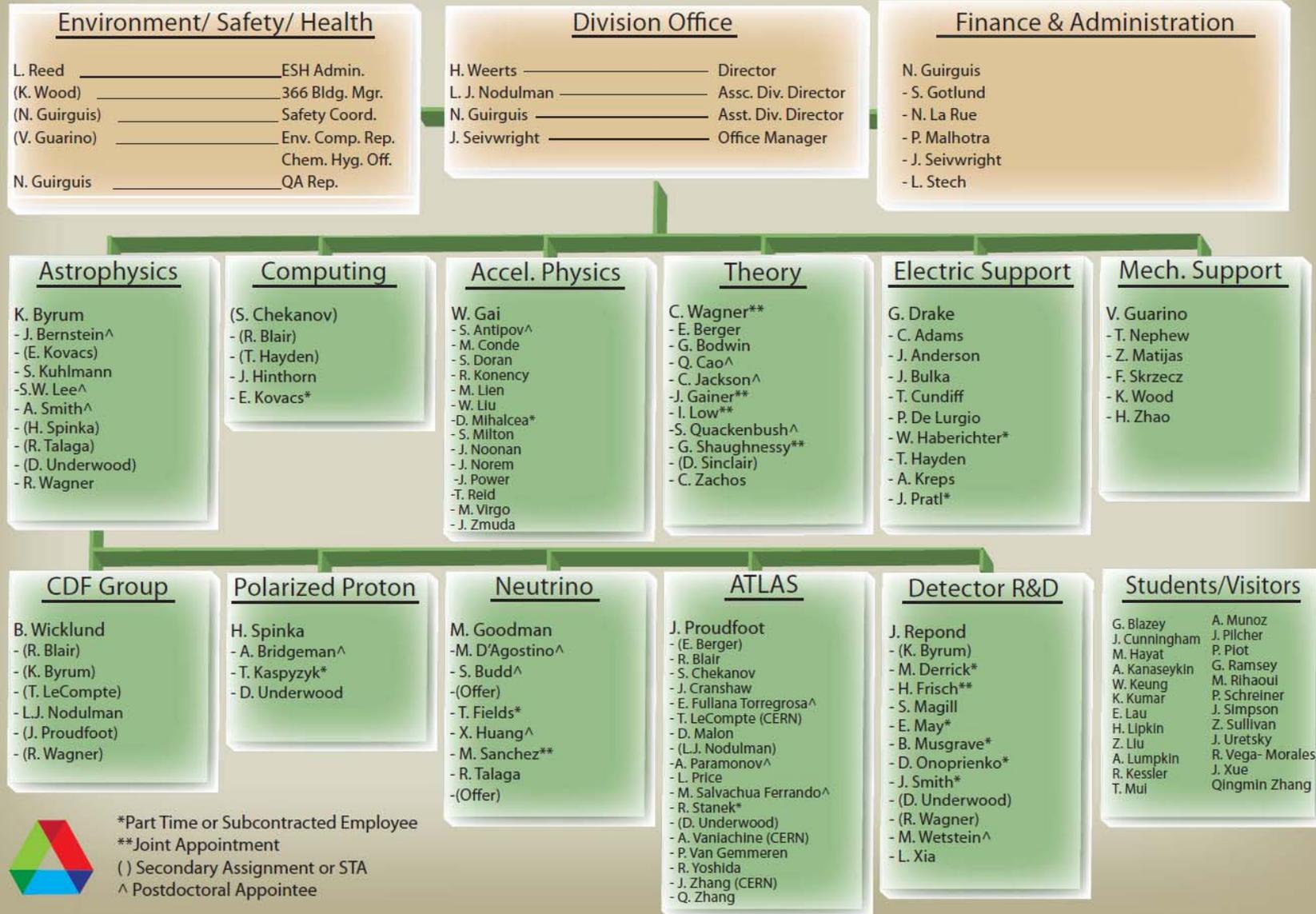
We involve other divisions & institutions in “our/their” work

Reminder:

A year ago we were in a very different & more dire situation.

ANL HEP DIVISION ORGANIZATION CHART

VERSION: SEPTEMBER 2009 TOTAL STAFF: 99



Trying to modify org chart to
reflect changing direction of division

Several new people

The Division: Changing direction

In addition to “standard “ fields:

Collider Physics (CDF, ATLAS), Neutrinos, Theory,
Astrophysics, Accelerator Physics, Scientific Computing,
Detector R&D

Stronger emphasis on longer term R&D and using
expertise of other divisions at Argonne, as well as
outside Argonne:

Often funded by
ARRA funds

- Large Area Photo detector development (LAPD)
- Layered SRF cavity development with ALD
- Accelerator R&D in AWA (large gradients in dielectric structures)
- Digital Hadron calorimetry
- Development of telescope structures for gamma rays
- Wireless & Fiber less readout
- Plus others.....

Well recognized in and
outside of Argonne

Possible because of presenting new
ideas to DoE & then ARRA funds
coming (but not all ARRA)

The Division: Changing direction

Many new projects/directions.....

In past: Have been in survival mode somewhat & struggling.

Now: No more struggling (for now), but deliver

Need to deliver in the near future on
promises made in our proposals

The Division: Expanding

The division is growing and we need more space.

ATLAS group moved to 2nd floor of Bldg 360.... Establish ASC

ASC=ATLAS Support Center

Plans to move AWA group to 1st floor of Bldg 360.

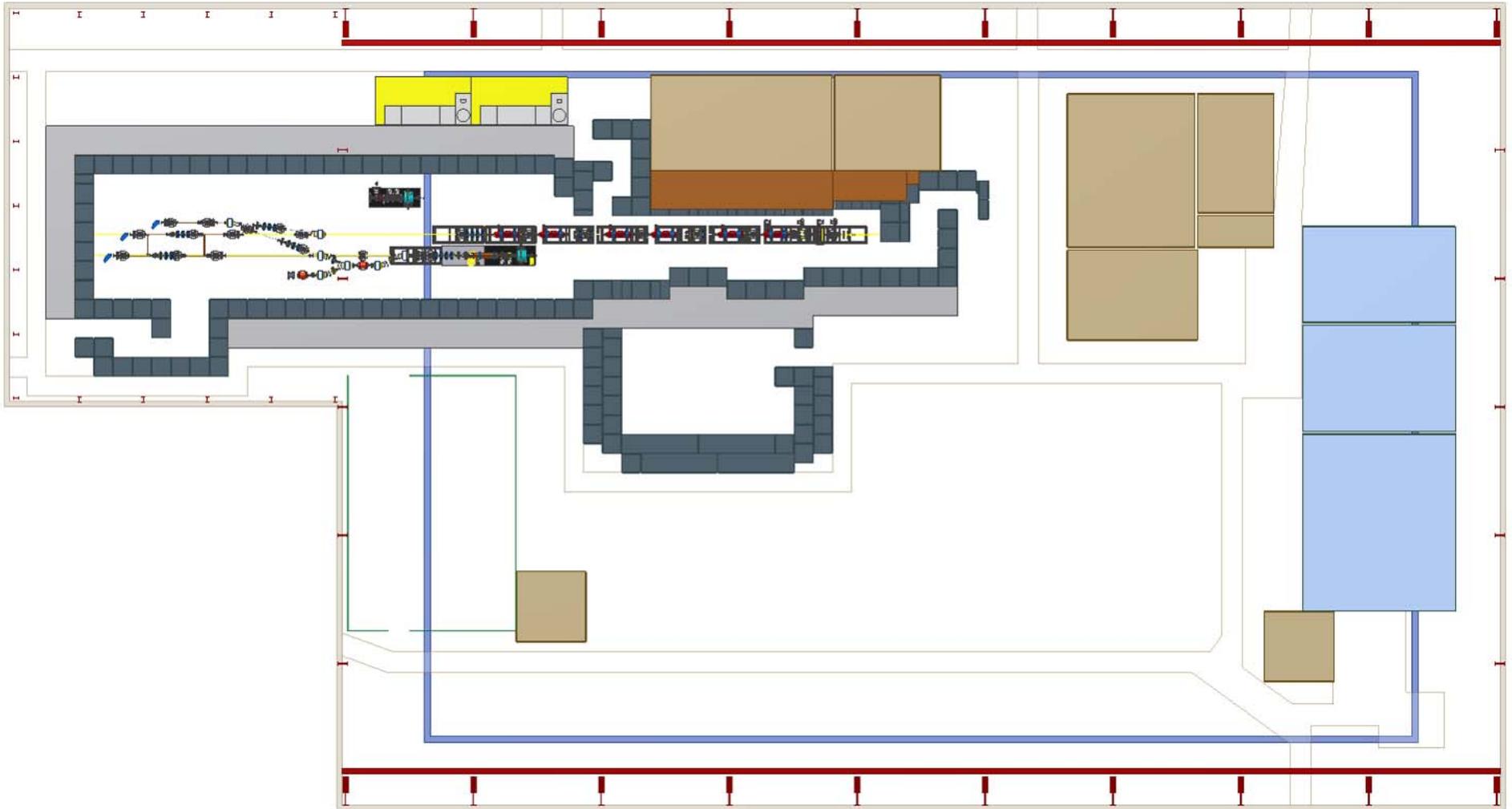
AWA is cramped
Neutrino is growing
HEP taking over Bldg 360

Expand AWA facility in Bldg 366:

Minimal extension is extend tunnel

More elaborate: expand all of Bldg 366

AWA expansion



Division: DoE site visit

Reviews of division now very different.

Reviews of certain research areas in Washington & national

Theory, Accelerator R&D, Proton research &
Detector R&D

Next review of division in 2011

Site visit by OHEP: Sept 23-24, 2009

Similar to
review

In process of preparing this, but everybody will be involved.

Current thinking.....

The division: “administrative items”.

Vacation & sick time: We continue to “underperform”.....

We pay upfront 13.5% of salary budget to vacation & sick time

So far we have used 11.52% in FY09

Excellent in FY08: 15.6%

Training: It is hard to keep it all up, but it is required and we are not doing very well on this. Continued reminders.....

ES&H, Safety, LMS: Have always had procedures. Now lab wide procedures for practically everything we do (LMS), experiments, non-experimental work, skill of the worker, etc.

Need to be diligent in following this (more paperwork), but it is required..... documentation

Our safety record is very good (even used as example), but we are also **perceived** as always pushing boundaries of what is allowed (because we pursue crazy ideas and directions).

Questions & Discussion ??

What did I forget ?

Is/was this useful ?

The End

