

# Particle Post August 2008

"Human beings, by changing the inner attitudes of their minds, can change the outer aspects of their lives." -William James

[Previous issues](#)

## A Note From Our Chairman



There was good news on the funding front this past month. The \$1.5M additional funding from DOE has arrived. These funds will be used for the FY2009 program. The present DOE guidance is that we should expect a Continuing Resolution from Congress until April 1, 2009 at the FY2008 funding level. The \$1.5M will allow us to start the RHIC cooldown by no later than February 15 for a 19 week run. If we can manage to continue our frugal ways this shutdown, we may be able to push the start date by several weeks. Our control of spending this year will help to ease the difficulties generated by a Continuing Resolution. I would like to thank everyone who is making this happen.

I would like to remind everyone of the personal and institutional importance of operating safely. We do not want anyone to get hurt and it isn't satisfying to explain to management and DOE why we had an incident. So please think before you act and continue to maintain our superb performance.

Those individuals who have pacemaker and defibrillator implants are not permitted by federal regulation to work in areas where static magnetic fields exceed 5 Gauss. The earth's magnetic field is 0.3 Gauss. It is C-AD procedure to cordon off and post such areas. I am encouraging those individuals who have implants to inform their supervisor, so that work planning can take into account the limitations due to such devices.

On a personal note, I would like to say farewell and thank you to those folks who are retiring from C-AD (see Pam's list below). A special goodbye to Gerry Bunce. Good wishes for a happy and healthy retirement in Colorado as the soon-to-be oldtimer begins collecting Social Security payments.

Congratulations to Michael Blaskiewicz and Alexei Fedotov on being promoted to tenure on the scientific staff for recognition of their scientific accomplishments.

Congratulations to the new mayor of Bellport, Dave Pate. He will now have his hands full dealing with small town petty politics. Good luck.

## Administration



If you heard that RHIC received supplemental funding of \$1.5M in July, you heard correctly. The unexpected budget allocation is the consequence of a cash flow analysis indicating that an additional \$1.5M would enable us to begin the RHIC cool down six weeks prior to the anticipated end of next year's Continuing Resolution. In other words, from a purely financial standpoint, we could begin the cool down in mid-February. Our challenge is to preserve the additional \$1.5M to fund the cool down and, until then, we should continue to constrain purchases.

An analysis of labor charges for both NSRL and the U-Line modifications brought to light two issues related to time card entry.

First and foremost, each employee should record hours daily by project. The project number determines the source of funding. In choosing a project number, the employee is certifying that the work performed was on behalf of the entity funding the effort. It is the responsibility of the employee to accurately record his/her effort and the responsibility of the supervisor to confirm the effort as reported. Supervisory approval of a time card confirms that the employee has used the correct project number and that the hours worked and leave usage are correct.

Another issue is related to the recording of overtime hours. One of two earnings codes may be selected when entering overtime hours: Earnings code OT, Overtime, tells the system that the incremental or premium amount paid is to be distributed to all projects recorded for the period. The distribution is proportional to the hours worked. This is appropriate when no single program drives the need for overtime. Earnings code DOT, Directed Overtime, tells the system that the premium amount paid is to be charged in full to the project number against which the overtime was reported.

At the risk of confusing the issue, there is yet another earnings code, DT, to be used for double time. Earnings code DT distributes the premium amount paid to all project numbers recorded for the period. The system does not currently provide the option to direct double overtime payments to a particular project. At our request, a modification to the system will soon be available.

If you enter or approve overtime and are unsure of the appropriate procedure, Millie Wiener is available to assist you. Millie may be contacted at extension 7245.

Despite repeated requests for ownership verification of sensitive property, more than 70 C-AD employees have yet to respond. If you are among them, please make it a point to complete your sensitive item inventory today. Marie Gavigan is available to assist you. Marie may be reached at extension 5894.

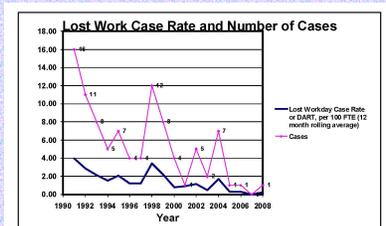
## Operations Update



Summer is traditionally the time of "no operations" at CAD, between the end of the RHIC and NSRL runs and the planned start-up of NSRL at the end of September. "No running accelerator" however does not mean "no activity" in the operations world. On the one hand we focus on the coordination of the shutdown work. The planned start-up of the RHIC cooldown on January 1<sup>st</sup> or February 15<sup>th</sup> – depending on funding scenarios – does have an impact on the shutdown work. Needless to say the early a definite decision is known the better it is to maximize the effectiveness of the start-up itself. A detailed start-up schedule consistent with a January 1<sup>st</sup> cooldown can be found on Paul Sampsons' maintenance web page <http://www.cadops.bnl.gov/AGS/Accel/Maintenance/> together with up-to-date shutdown progress information. Summer is also the time when the MCR personnel, not in active shift, takes on additional projects and in doing so supports the activities of other groups in the department. There is a wide spectrum of activities in collaboration with systems groups, RF, instrumentations and ACS for instance. Operators and OC's alike are working on modeling, development of operations related WEB tools and applications, often in collaborations with physicists and system experts. Following a suggestions from Peter Ingrassia a development version of WEB based LOTO is being implemented that presents many advantages over the existing paper-based systems, among the other the capability of instantaneous information of the LOTO status of all systems in the complex. In addition we work extensively on training of new employees and new systems, as well as working on improvement of procedures.

Lastly, you can access the Summary of the 2008 RHIC Retreat as AP Note 318 on [http://www.cadops.bnl.gov/AP/notes/cad\\_ap\\_index.html](http://www.cadops.bnl.gov/AP/notes/cad_ap_index.html)

## Safety Stats



	For Year* 2007	For Year* 2008
First Aid Cases	4	1
Recordable Cases	1	1
Lost Work Cases	0	1

\* Calendar Year

REMINDER: TLD exchange is done the **FIRST FRIDAY** of the Month.

EXCHANGE DATE: FRIDAY, SEPTEMBER 5, 2008



Pete Cimigliario

## Arrivals

Christopher Zimmer joined the department on July 14, working with Peter Ingrassia in the Machine Operations Group.

WELCOME!

**Departures**

Jonathan Beck, OEP Summer Student working with Ted D'Ottavio in the Controls Division will be leaving August 15.  
 Patrick Bynum, Student Assistant working with Nick Frank in the Communications & Electronic Support Group will be leaving on August 8.  
 Gabriel Herczeg, OEP Summer Student working with Kin Yip in the Physics Support Group will be leaving August 15.  
 Yishu Huang, OEP Summer Student working with Nikolay Malitsky in the Accelerator Physics Group will be leaving August 15.  
 David Kipp, Beam Components Group will be leaving on August 29.  
 Robert Ritter, Design and Documentation Group will be leaving on August 8.  
 Eui Sang Song, OEP Summer Student working with Vincent Castillo in the Access Controls Group will be leaving August 15.  
 Victor Williamson, GEM Fellow working with John Morris in the Controls Division will be leaving August 29.  
 Frederick Windham, Co-Op Engineer working with Omar Gould in the Preinjector Systems Group will be leaving August 15.

**Transfers**

Charles De La Parra, Vacuum Systems Group, will be transferring to the LSII effective August 29.  
 Aireza Javidfar, Facilities and Experimental Support Group, will be transferring to the LSII effective September 1.  
 Yuke Tian, Controls Division, transferred to the LSII on August 1.

**GOOD LUCK!**



**RHIC Newsletter.** Please click on link to the left to view the latest web publication of RHIC News.



*We wish all of you born in July  
 a happy and healthy year ahead.  
 Birthday people ONLY click on cake*



**C-AD Service Award July**

<b>30 years</b>	Peter Ingrassia
<b>25 years</b>	James Meier
<b>20 years</b>	Joseph De Cicco
	Mitchell De La Vergne
<b>10 years</b>	Frank Naase
	John Bohnenblusch
	Robert Baker

**Congratulations!**



**Fun Time**

**HOW LONG WILL YOU LIVE ?**

This is pretty interesting. Watch the age prediction on the top right of the screen change as you answer the various questions.

Click here: [http://www.nmfn.com/network/longevity\\_game\\_popup.html](http://www.nmfn.com/network/longevity_game_popup.html)



**Did You Know**

NOTE: The following message is being sent to the Lab community on behalf of the Director's Office.

DOE All-Hands Meeting, Thursday, 8/7, 2:30 p.m.

The Lab community is encouraged to join U.S. Department of Energy employees and contractor staff from across the complex for a virtual all-hands meeting tomorrow, Thursday, August 7, at 2:30 p.m. The meeting will be webcast live at <http://www.bnl.gov/video> (RealPlayer software required).

At the meeting, Energy Secretary Samuel Bodman is expected to speak to the reality of our energy and national security challenges, and highlight the unique ability of the DOE complex to respond to those challenges both today and in the future.

Brookhaven National Laboratory [www.bnl.gov](http://www.bnl.gov)

Media & Communications Office Phone: (631)344-3584

Bldg. 400 - P.O. Box 5000 Fax: (631)344-3368

Upton, NY 11973



**David Pate, Superconducting Accelerator and Electron Cooling Group, is the new Bellport Village Mayor.**

As reported in the Bellport Village News:

After interviewing five possible candidates, by a vote of 4 to 0, David Pate was selected by the Bellport Village Board of Trustees as the new Mayor. We think David Pate is a wonderful choice for Mayor and we congratulate him and the Village Board for their selection.

As reported in Newsday 7/31/08:

Bellport Village's new mayor wants to "bring healing and calming" to a community he said has been experiencing political turmoil and infighting. The village's board of trustees unanimously approved David Pate, a research associate with Brookhaven National Laboratory, to the post at a public meeting Monday night.

**CONGRATULATIONS DAVE!**

Jeopardy Clue Crew visited BNL on Thursday, June 19. TV 55 news coverage of the Jeopardy Clue Crew's visit to BNL where the crew filmed a series of video clues at Lab facilities, including RHIC, the Center for Functional Nanomaterials, and the NASA Space Radiation Lab. The show will feature a whole category on Brookhaven sometime this fall.

**FEMA to Send Relief Supplies to Suffolk**

Source: Newsday  
Published: 7/11/2008  
Written by: Rivera, Laura

Source URL: <http://www.newsday.com/news/local/suffolk.ny-1.15759875jul11.0.254202-story>

For the first time, the Federal Emergency Management Agency plans to store emergency disaster relief supplies in Suffolk County in anticipation of hurricane season, authorities said.

Four 48-foot containers with non-perishable items including tents, tarps, generators and first-aid kits are scheduled to arrive next week at the Yaphank office of the county's fire, rescue and emergency services commission, said agency Commissioner Joe Williams. Materials will then be stored at Brookhaven National Laboratory, he said.



The **Briscoe** family has a new addition! Born to Brian Briscoe's older daughter. This is her second daughter. She arrive on July 22, at 5:25am. Her name is Susana Constance, she weighed 8lbs and 3 ozs and is 20 inches long. After 5-1/2 long hours of labor, Susana arrived into this world with a full head of gorgeous red hair. Everyone is very happy and very much in love with their new little treasure, especially her big sister Jovanna. Mother and daughter are doing fine. This is the third grand child for Brian.

Following message received from **Alfredo Luccio** on Wednesday, August 6:

Today at 5pm I became Granpa. It is a girl: Maddalena, 8lbs-5ozs, big and beautiful. For our daughter Camilla it has been a long affair, but now she is exhausted but relieved and we are all very happy. It is our first grandchild.

See our daughter Camilla, her husband Giovanni and Maddalena. I will be back on the 15th. I miss all of you, it has been too long.

**Alfredo**



**CONGRATULATIONS to ALL!**



Nick Franco's son was recently married. Do you see who's marrying them (smile).



Congratulations to the Franco Family!

EAG 33<sup>rd</sup> Annual Hampton Picnic:



**Blood Clots/Stroke - They Now Have a Fourth Indicator, theTongue.**

**STROKE:** Remember  
The 1st Three Letters.... **S.T.R.**

My nurse friend sent this and encouraged me to post it and spread the word.  
I agree.

If everyone can remember something this simple, we could save some folks.  
Seriously..

Please read:

**STROKE IDENTIFICATION:**

During a BBQ, a friend stumbled and took a little fall - she assured everyone that she was fine (they offered to call paramedics) ....she said she had just tripped over a brick because of her new shoes.

They got her cleaned up and got her a new plate of food. While she appeared a bit shaken up, Ingrid went about enjoying herself the rest of the evening

Ingrid's husband called later telling everyone that his wife had been taken to the hospital - (at 6:00 pm Ingrid passed away.) She had suffered a stroke at the BBQ. Had they known how to identify the signs of a stroke, perhaps Ingrid would be with us today. Some don't die.... they end up in a helpless, hopeless condition instead.

It only takes a minute to read this...

A neurologist says that if he can get to a stroke victim within 3 hours he can totally reverse the effects of a stroke... totally. He said the trick was getting a stroke recognized, diagnosed, and then getting the patient medically cared for within 3 hours, which is tough.

**RECOGNIZING A STROKE**

Thank God for the sense to remember the '3' steps, STR . Read and Learn!

Sometimes symptoms of a stroke are difficult to identify. Unfortunately, the lack of awareness spells disaster. The stroke victim may suffer severe brain damage when people nearby fail to recognize the symptoms of a stroke

Now doctors say a bystander can recognize a stroke by asking three simple questions:

**S** \* Ask the individual to SMILE.

**T** \* Ask the person to TALK and SPEAK A SIMPLE SENTENCE (Coherently)

(i.e. It is sunny out today)

**R** \* Ask him or her to RAISE BOTH ARMS.

If he or she has trouble with ANY ONE of these tasks, call 911 immediately and describe the symptoms to the dispatcher.

**New Sign of a Stroke ----- Stick out Your Tongue**

NOTE: Another 'sign' of a stroke is this: Ask the person to 'stick' out his tongue.. If the tongue is 'crooked', if it goes to one side or the other, that is also an indication of a stroke.



**ALUMNI NEWS: AGS/RHIC/C-AD RETIRED CROWD** - We'd enjoy hearing from you and what you have been up to. Please send your notes to [pmanning@bnl.gov](mailto:pmanning@bnl.gov)

You can catch up on all of Eric Forsyth's travels by clicking on his sailing yacht below.



 <b>August 2008</b>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Concert featuring LI Rock Band Argent Fantasy 7pm Berkner	2
3	4	5 DO Seminar "An Integrated Corn Cellulose Biorefinery", Mark Stowers, POET, 11am, Bldg. 463 Seminar Rm	6 C-AD AP Seminar "Super-Periodic Structural Resonance-Gantry Design for Hadron Therapy Facility" Yi Jian, IHEP, Beijing, 4:00pm, Bldg. 911B LCR	7 Particle Physics Seminar "Search for K <sup>0</sup> L- $\pi$ p0 nu nubar by KEK E391a" Takao Shinkawa, National Defense Academy, 3pm, Bldg. 510 Small Seminar	8	9
10	11	12	13	14 C-AD AP Seminar "Energy-Doubled Bragg Scattering CESR-XFEL and Depth-Selective X-Ray Diffraction" Richard Talman, Cornell U., 4:00pm, Bldg. 911B LCR	15 C-AD AP Seminar "Quench Limit Simulations and Measurements for Steady State Heat Deposits in LHC Magnets" Dariuz Bocian, CERN, 4:00pm, Bldg. 911B LCR	16

17	18	19 Physics Colloquium "Final results on K <sup>+</sup> pi <sup>+</sup> nu, nubar from BNL E949" David Jaffee, BNL, 3:30pm, Bldg. 510 Large Seminar	20	21	22	23
24	25	26 Women's Equality Day	27	28	29	30
31						



## September 2008

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 Labor Day / Lab Holiday	2	3	4	5	6
7 Grandparent's Day	8	9	10	11 	12	13
14	15	16	17	18	19	20
21	22 Autumn Begins	23	24	25	26	27
28	29	30 Rosh Hashanah				



We Remember  
Sept. 11, 2001

[USS New York](#) - A ship forged from the steel of the World Trade Center

Editor: [Pamela Manning](#) x4072