

Particle Post October 2009

"If you fail to prepare, you're prepared to fail." ~ Mark Spitz

Previous issues

A Note From Our Chairman



The new year, Fiscal Year 2010, has begun. That is the good news. The bad news is that Congress has yet to pass any of the 13 budget bills. This is the usual state of affairs that we have learned to become accustomed to. If BNL were to operate that way, the DOE would have instituted a myriad of reviews to reprimand, understand and correct BNL for not being able to meet its obligations.

Machine operations have begun with the NSRL program at the Booster. We are now in the final phases of the RHIC summer shutdown period. The scrubbing of the RHIC magnets will begin in early October, leading to cool-down to 45°K by November 16 and then to 4.5°K by November 23. Beam operations will then commence. What we do not know yet is the length of the gold-gold run this year. Congress has yet to pass a budget and expectations are that we will again operate under a continuing resolution for some unknown period of time. Fortunately, we have been able to forward finance about 8 weeks of operations during the continuing resolution period. This will mean that we will have to be frugal so as not to force us to turn off prior to receipt of the FY2010 budget.

I would also like to remind everyone that safety at C-AD is a primary concern and objective. So, load your brain before acting!

Our eRHIC taskforce will be undergoing an internal cost review of the phase 1 project, MeRHIC (Medium Energy eRHIC) in early October.

I expect that within this fiscal year we will be incorporating the BLIP group into the C-AD organization. The Linac provides the protons that are used to create the medical isotopes for the US hospital community. BLIP funding was moved from DOE Nuclear Energy (NE) to DOE Nuclear Physics (NP) in FY2009. DOE NP will hold a review of BLIP at BNL on November 19-20.

Administration



Bid a fond farewell to FY 2009 - the fiscal year ending September 30th 2009 provided ample funding for materials. Personnel terminations and transfers coupled with difficulty recruiting for open positions resulted in lower than projected labor cost. Power and fuel costs, too, were lower than projected and a rebate of 1.5% on the material handling burden was processed in September. Total year-to-date cost of \$134M included \$114M for RHIC Operations. Carry forward funding of \$12M in RHIC Operations included \$8M in commitments. Unencumbered funds of \$3M were reserved to support an early operational start in the event a Continuing Resolution.

Welcome to FY 2010 – the down slope on the financial roller coaster. Our initial budget guidance for Nuclear Physics, including RHIC Operations, is flat. Although this guidance is unlikely to be final and the FY 2010 budget is expected to provide some additional funding, we must proceed with a plan that allows us to complete the year within the current guidance. Furthermore, the plan for FY 2010 must provide for added manpower of nearly 25 FTE's along with escalation on both direct and trade labor, materials and space. Power too, must be estimated at a conservatively high rate as significant upward volatility remains a concern.

In summary, it is time, once again, to constrain purchases. Active recruitment for open positions is on hold. Overtime and low value procurements, including credit card purchases and stores withdrawals, should be limited to only what is necessary to support the experimental schedule, EBIS and NSRL. AIP efforts including stochastic cooling should proceed as planned.

Operations Update



The NSRL run has started as planned on September 21, Tandem and Booster came up rather seamlessly and the program so far has run without major interruptions. Operations has become more and more efficient in setting up the machine in the morning so the start of the NSRL shift has been accordingly postponed from 7:30 to 8 am. A new and very welcome development this run has been the installation of the User Controlled Access, which will allow the NSRL users, as the name implies, to control the access to the NSRL facilities locally, and ultimately without intervention from MCR, after a necessary testing and commissioning period. That will relieve MCR operators from a repetitive task and free manpower in MCR for AGS and RHIC operations when run concurrently with NSRL.

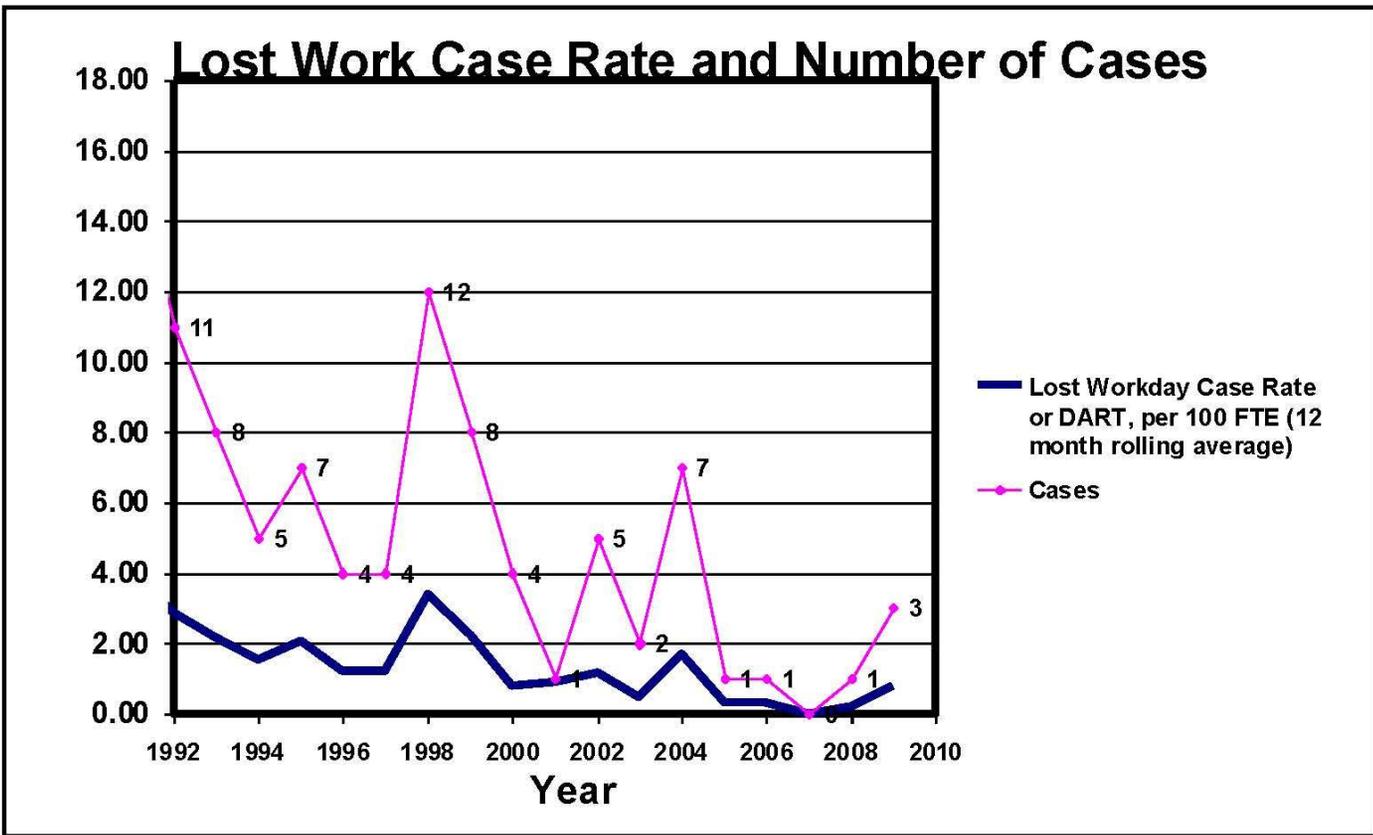
The present schedule for RHIC operations has beam in AGS November 9 and the start of the 4K RHIC cool-down on November 16. The schedule for job completion at the end of the shutdown is very tight and Phenix would prefer a start-up delay by 2 weeks. Discussion is ongoing among CAD management, the experiments and the system groups to determine the most effective start-up timeline. Individual systems timelines for end of shutdown work can be found at <http://www.cadops.bnl.gov//AGS/Accel/>

[Maintenance/RHIC10SUGeneral.htm](http://www.cadops.bnl.gov/AP/RHIC2010/)

More information about the specifics of RHIC start-up can be found on the Run-10 WEB page <http://www.cadops.bnl.gov/AP/RHIC2010/> set-up and maintained by Kevin Brown, the Run-10 coordinator.

Integral part of the preparation for the run is the planning for the Accelerator Physics Experiments (APEX) program. To this end we will hold a workshop at BNL on October 29-30 2009 for discussion of proposals that should be submitted by end of November.

Safety Stats



C-AD Occupational Injury Statistics

For Year* 2008 For Year* 2009

First Aid Cases	6	4
Recordable Cases	3	2
Lost Work Cases	1	2

* Calendar Year

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

EXCHANGE DATE: FRIDAY, NOVEMBER 6, 2009

Pete Cirnigliaro



Arrivals

Grigor Atoian joined the department on October 1. He is working with Deepak Raparia in the Preinjector Systems Group.

Doreen Cantelmo joined the department on September 14. She is working with Joe Tuozzolo in the Mechanical Systems Group.

Michael Cross joined the department on September 16. He is working with Dan Lehn in the Beam Components & Instrumentation Group.

Wisman Dartiguenave joined the department on September 8. He is working with Ron Zapasek in the Pulsed Power Group.

WELCOME!

Departures

Marie Gavigan, Administrative Group retired on September 30.

Ahovi Kponou, Preinjector Systems Group will be leaving on October 30.

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 **October**
a happy and healthy year ahead.
Birthday people **ONLY** click on cake*



C-AD Service Awards September

30 years

Yousef Makdisi

25 years

Kevin Brown

Alex Zaltsman

Congratulations!



Get To Know Your Co-Worker

Charles Theisen, Controls Hardware, has worked at BNL for 9 years. He was recently promoted to Head of Controls Hardware Group. The largest current project he is working on is EBIS. Charles and his wife Carol have two children, Chuck, 22, just graduated from the University of Delaware; Jessica, 24, graduated two years ago from University of Maryland. Charles enjoys boating and loves the NY Yankees and NY Giants. Charles would like to thank Brian Oerter and everyone else in the Controls Group for all their help. Here is a picture of Charles and Carol at the Great Wall of China during a recent trip to Beijing.



Fun Time

Take your time and study the underwater picture very carefully. When you are ready, start the memory test. The game will ask you where you saw the pieces. See if you can get all 15 right! Not as easy as it sounds!



Did You Know



Phil Pile's daughter Rose was married to Bryan Davis on October 4.



CONGRATULATIONS and BEST WISHES!

By Steven Deitz | September 23, 2009

Meet Michelle Wilinski: Pink Obsession Leads Softball Enthusiast to Nolan Ryan



Michelle Wilinski (right) with eight-time MLB All-Star Nolan Ryan at a Hall of Fame dinner.

Michelle Wilinski can't count the number of times she's been at bat. But she'll never forget her experience at the plate last month, when she got to stare down eight-time Major League Baseball All-Star and Hall of Fame pitcher Nolan Ryan.

Wilinski, an electrical engineer at the Collider-Accelerator Department at BNL, has been a fixture in the Brookhaven Employees' Recreation Association (BERA) Softball League throughout her nine years at the lab. She recently won a Southwest Airlines contest to play ball with Ryan at the National

Baseball Hall of Fame and Museum in Cooperstown, New York.

Wilinski participated in a variety of sports growing up, and remains active at Brookhaven, where she runs, swims, and plays volleyball. Although she stopped playing softball after elementary school, she quickly took the sport back up after coming to Brookhaven.

Wilinski is not only heavily involved with the BERA Softball League, playing second base and outfield and acting on the executive board as the site's webmaster, she is also part of a local Brookhaven Town team. When asked how long she intended to play softball, Wilinski replied, "As long as I can. Forever."

While browsing the Southwest Airlines website for flight information in July, she came across an ad for its annual "Play Ball with Nolan Ryan" contest. She ventured to click on the ad, and decided to enter the contest.

"You had to write a 150-word-or-less essay on why they should pick you to come play softball with him," Wilinski said.

Knowing the stakes were high, what inspiring topic formed the basis of this crucial essay?

"I wrote about how I love the color pink, and about my pink glove and pink shoes," Wilinski said.

She then offered Southwest a wager: if she didn't strike out against Nolan Ryan, the airline would have to paint one of its aircrafts entirely pink, and if she did, she would sing her own version of "Take Me Out to the Ball Game" for Ryan and the other contestants.

Evidently, it was an offer Southwest could not refuse. Within the first week of August, Wilinski received notification that out of some 1,500 entries, she was one of 10 to win the contest.

At the end of August, Wilinski and her dad, both hardcore Mets fans, traveled to Cooperstown for the weekend, along with the other winners and their guests. Although the game was scheduled for Saturday morning at the iconic Doubleday Field just outside the Hall of Fame, heavy rain forced the players indoors, and they later played on a makeshift diamond set up on a soccer field.

When the game did start, Ryan stayed on the mound, pitching for both the "All Star" Southwest employee team and the "Flyer" contestant team. Ryan held back, Wilinski said, using a smooth and relaxed underhand throw, thus giving the other players a chance to hit in a game that could have otherwise been a total shutout — for both teams.

Nevertheless, as Wilinski said, "you could tell he still had the competitive flair in his eyes."

After the game, the contestants ate dinner in the hall's plaque gallery, and conducted a small ceremony where everyone was (strongly) encouraged to read their essays in front of Nolan Ryan. Some contestants were clearly nervous about addressing the stellar athlete so directly, admitting that they probably would have written something less personal if they had known they would be reading their essays aloud in front of everyone. As for Wilinski, she was given the "opportunity" to grace the audience with a performance of her special anthem. That night, the contestants sat down with Ryan for some informal

but engaging conversation.

“It was fun enough to play, but hearing about life and times in Major League Baseball was really cool,” Wilinski said.

As for the wager itself, Wilinski was able to bat successfully against Ryan, fulfilling her end of the bargain. Plans for a pink aircraft, however, are still up in the air.

Wilinski’s Anthem:

*Take me out to the ballgame
Pick me for the Flyers crowd
Buy me a flight on a Southwest jet
Cooperstown NY is where the game’s at
We will root, root, root for the Flyers
If they don’t win it’s a shame
For it’s Ryan’s one, two, three strikes I’m out
At the old ballgame.*

By [Jane Koropsak](#) | September 28, 2009

Frank Dusek, Powerful Blood Donor



Frank Dusek

Frank Dusek of the Collider-Accelerator Department spends his time at BNL working on unusually large power supplies – the type that power the NASA Space Radiation Laboratory and the STAR and PHENX detectors at RHIC. But he feels equally powerful to be able to make a difference in someone’s life by donating blood.

“I’ve been donating blood for over 30 years,” said Dusek. “I have also donated platelets and bone marrow. I consider it a simple gesture that makes a big difference.”

Dusek is a member of the BERA Board and serves on the committee that arranges raffles for employees who donate blood. “Although I believe the blood drives held at the Lab are quite successful, I think offering a small incentive, like having your name put in to a hat for a raffle, can help. We typically raffle off free BERA merchandise or a BERA-organized trip for the winners.”

In addition to his participation on the BERA Board, Dusek is a motorcycle enthusiast and an active member of the Lab’s motorcycle club, the Cycletrons.

Dusek said that having his blood pressure checked during routine blood donation also helps him track his own health. And, despite his busy schedule, he always finds time to donate blood. “Besides the difference I think I can make in someone’s life, I also enjoy those free jellybeans,” he said.

From: Heimerle, Marion V
Subject: Dr. Albert G. Prodehl Passed Away

We have learned that Al Prodell passed away. See details below.

As some of you will already have heard, Dr. Al Prodell died this week. He had been in assisted living near his son David on Vermont for the past 3 years. It's sad to lose such an important and well-loved member of the community, and our sympathies go out to David and Mike and all the family, as well as the extended BNL and SWR Schools communities of which Al was such a vital part.

- **A private family interment at Calverton will be held on October 2.**
- **A Memorial Service will be held at the Wading River Congregational Church on Saturday, October 17 at 11:00am. A lunch will follow.**

Please pass this information on to friend of Al in the community who are not on our mailing list. Below is a link to the Obituary in NEWSDAY.

<http://www.legacy.com/obituaries/newsday/obituary.aspx?n=albert-g-prodell&pid=133446974> <<http://www.legacy.com/obituaries/newsday/obituary.aspx?n=albert-g-prodell&pid=133446974>>



The Food Pantry needs our help.....

If everyone can bring in at least one non-perishable food item, this would help the local food pantries in our area. There are so many families who are in need of food and depend on their local food pantry to have at least one meal a day. With the food supply so low, the volunteer's who help out at our local food pantries can't help those in need. So please.....bring whatever you can to replenish the food supply for those in need.

Your donation of any non-perishable food item can be left in the box marked "Food Drive" located in the 911A Lobby. Your continued support is appreciated.

Thank you.

Autumn is upon us! Have some fun & enjoy ALL OF THE BENEFITS & PERKS BNL MAKES AVAILABLE TO US EACH DAY!

PLEASE USE EXTRA CAUTION ON SITE
BECAUSE OF ALL THE CONSTRUCTION &
WATCH OUT FOR THE UNEXPECTED
people, animals, and vehicles!

Body & Soul fitness program registration <http://www.bnl.gov/HR/OCCMED/HPP/>

Fitness: <http://www.bnl.gov/bera/recreation/fitness.asp> Watch for the re-opening of the north tennis courts!

Hospitality Events: <http://www.bnl.gov/hospitality/>

The Guide to BNL: <http://www.bnl.gov/visitorinfo/>

ESOL: <http://www.bnl.gov/esol/default.asp>

****COSTCO** will be here on Thursday 10/8 for a membership drive-giveaways & membership discounts.

Saturday, October 17, 2009

Oktoberfest at Bear Mountain! Enjoy the scenery, zoo, hiking and the Oktoberfest vendors where you can purchase food and beverages. You may also picnic at Bear Mountain. We have two busses leaving Brookhaven Center at 8:30am and will leave Bear Mt. at 4:30pm (about 2 hours from BNL). Cost is \$15 per person, children 2 and under are free if they sit on your lap.

Reservations are required and must be paid at that time, at the BERA Store in Berkner, Bldg 488 (Monday - Friday, 9:00am to 3:00pm). No reservations without payment and all tickets are NON-REFUNDABLE.



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

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



October 2009

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

				1	2	3
4	5	6	7	8	9	10
				<p>Particle Physics Seminar "Some surprises in taking the parton model seriously" E. Leader, Imperial College, UK, 3:00pm, Bldg. 510 Small Seminar</p>		
11	12	13	14	15	16	17
	<p>Columbus Day</p>	<p>BWIS Lecture: Science Writer K.C. Cole to give talk on Frank Oppenheimer, 4pm, Berkner Hall</p>	<p>Peaceful Body, Quiet Mind, Nancy Losinno, 12pm, Berkner, Rm. B</p>	<p>Experience Reiki, Nicole Bernholz, 12pm, Bldg. 490 Conf A</p>	<p>National Boss Day</p>	<p>Sweetest Day</p>
18	19	20	21	22	23	24
	<p>Health Promotion Lecture, Maria Kerr, 12pm, Berkner Rm. B</p>	<p>Physics Colloquium, "Superconductivity at Dawn of the Iron Age" Zlatko Tesanovic, John Hopkins U., 3:30pm, Bldg. 510 Large Seminar</p>	<p>Experience Yoga with Ila Campbell, 12pm, Brookhaven Center</p>			<p>United Nations Day</p> <p>Beatles Tribute Band 'Mostly Moptop' 8pm Berkner Hall</p>

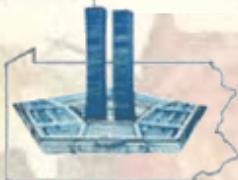
25	26	27	28 453rd Brookhaven Lecture "Striving Toward Energy Sustainability: How Plants Will Play a Role in Our Future" R.A. Ferrieri, Medical Dept., 4pm, Berkner Hall	29	30	31 
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November 2009

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Daylight Savings Time Ends	2	3 Election Day Physics Colloquium "Liquid and Glass Structures and their Influence on Phase Transitions" K. Kelton, Washington, U., 3:30pm, Bldg. 510 Large Seminar	4	5	6	7
8	9	10	11 Veteran's Day Lab Holiday	12	13	14

15	16	17	18	19	20	21
22	23	24	25	26 Lab Holiday 	27 Lab Holiday	28
29	30					



**We Remember
Sept. 11, 2001**

USS New York - A ship forged from the steel of the World Trade Center.

Editor: Pamela Manning x4072