

Particle Post October 2008

"Proof of our society's decline is that Halloween has become a broad daylight event for many" ~ Robert Kirby

Previous issues

A Note From Our Chairman



We have completed Fiscal Year 2008 in good shape. We have been able to create a nest-egg for FY2009. Congress has passed a Continuing Resolution for FY2009 that will give us an operating budget at 1/12 of the FY2008 budget (not including the FY2008 supplemental funds) per month until March 6, 2009. Our nest egg of \$3M will allow us to begin the RHIC cooldown on February 1. We will be running the 500 GeV polarized proton program. If sufficient time permits beyond the first ~9 weeks of operation, we will be switching to either 200 GeV protons or ion operations. The present funding guidance will allow us to run until early April. By that time we should know our total funding for the rest of the year, until September 30, 2009.

In order to allay any unnecessary anxiety, C-AD is not planning any reductions in force. On the contrary, we are actively hiring to fill key vacant positions.

The EBIS project is fully funded and we expect an increase of our Accelerator Improvement Project funding to the \$3M level.

The NSRL science program has begun and we will be running it until November 21.

On behalf of everyone at C-AD, I would like to send get well wishes to, Humberto Palacios, Joel Spinner (a C-AD retiree), and Kerry Unger

I wish them all a speedy recovery.

Administration



FY 2008 slipped out quietly. A Continuing Resolution (CR) through March 6th was passed promptly and, for the duration of the CR, monthly expenditures must be matched to incremental funding installments. FY 2008 carry-forward funds will provide the budgetary cushion needed to proceed with recruitment of additional engineering and technical staff. A February 1st start to the cool down is planned irrespective of the FY 2009 budget status, although termination of the run at 8 to 10 weeks may be necessary in the event of either an unfavorable budget or a significantly delayed budget.

The Nuclear Physics Approved Funding Plan for October 2008 is as anticipated, with operating funds equal to those received in FY 2008, a much needed increase in AIP funding and the final installment of funds for EBIS. NASA contract amendments received in late September provided sufficient funding NSRL Run 09A.

The FY 2008 Capital Equipment Inventory concluded with only 2 items missing. This is in no small measure a reflection of Ann Lamberti's dedication and persistence, Jerry Quigley's in-depth knowledge of the facility and the extraordinary efforts of a few key personnel including, but not limited to, John White. Thank you.

Operations Update



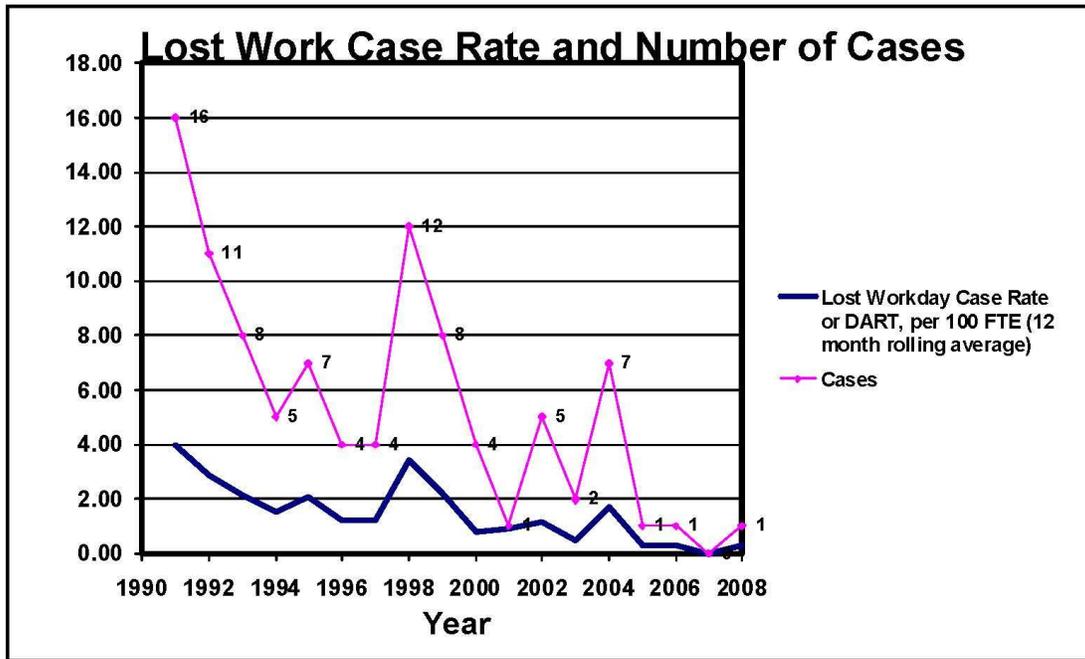
NSRL operations resumed at the end of September and different ions are getting delivered accordingly to the planned requirements to the experiments. The Booster start-up was essentially seamless. Taking advantage of the ongoing Booster operations for NSRL, a program for studies in the BtA line has been proposed that holds the promise of improving the understanding of the BtA model. Furthermore, getting beam into the AGS at injection would give the chance to measure and improve the matching between BtA and AGS. Mismatch at AGS injection causes emittance increase and possibly polarization loss in AGS.

The study plan and its impact on the remaining shutdown activities are being reviewed this week in anticipation of starting beam activity in the week of October 13, typically in the evening after the end of the daily NSRL activities.

Shutdown work in RHIC and remaining work in the injectors continue and as always you can check on progress on <http://www.cadops.bnl.gov/AGS/Accel/Maintenance/>

The approval of at least 6 months of continuing resolutions for the FY09 budget sets February 1st 2009 as the earliest start date for the 4K RHIC cool-down. Planning for the RHIC start-up has already started and Mei Bai will be the Run Coordinator for the 250 GeV polarized proton run, the most likely initial operations mode this year. Eduard Pozdeyev has just started in his role as Scheduling Physicist for FY09.

Safety Stats



C-AD Occupational Injury Statistics

For Year* 2007 For Year* 2008

| | | |
|------------------|---|---|
| First Aid Cases | 4 | 4 |
| 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, NOVEMBER 7, 2008

NEXT EXCHANGE: DECEMBER 5, 2008

Pete Cirnigliario



Arrival

Erdong Wang, Superconducting Accelerator and Electron Group, joined us on September 23, working with Xianygun Chang.

WELCOME!

In-House Transfers

Rich Conte moved from the Collider Electrical Power Supplies Group to the Access Controls Group.

Joe Sanfilippo moved from the Access Controls Group to become Technical Supervisor in the Collider Accelerator Support Group.

Good Luck!

Leave of Absence

Christopher Salat, Cryogenic Systems Group . He is expected to return on or before January 12, 2009.



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 | Donald Barton Daniel McCafferty Joseph Funaro |
| 20 years | Ilan Ben-Zvi Christopher Zarcone Louis Snyderstrup Harry Hacker |
| 10 years | James Jamilkowski Sheikh Farooq |

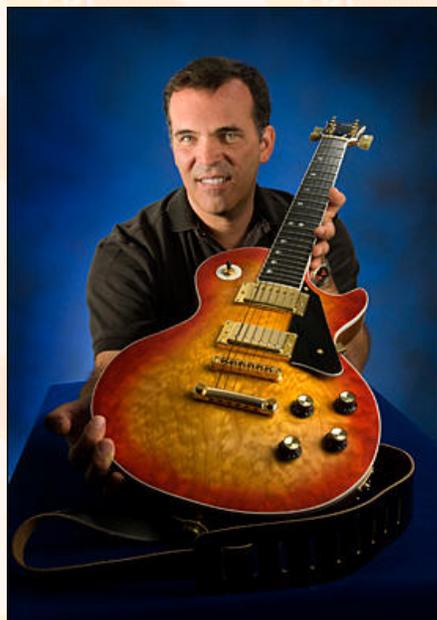
Congratulations!



Get To Know Your Co-Worker

Meet Robert Olsen, Renaissance Man

Monday, October 06, 2008



Robert Olsen

Robert Olsen, Advanced Applications Engineer in the Collider-Accelerator Department, is also a woodworker, musician, beer brewer, and grape grower. He has learned these numerous skills, both artistic and practical, mostly on his own. Multi-talented and creative, Olsen is a true Renaissance man.

After earning a bachelor's degree from Stony Brook University, Olsen initially worked on programming for the first commercial Magnetic Resonance Imaging (MRI) machines. He was one of the first persons to be scanned by an MRI machine, and he is a coauthor of an imaging technique patent still used in MRI.

At the Laboratory since 1992, Olsen writes software to control some of the Lab's premiere facilities - the Alternating Gradient Synchrotron, the Relativistic Heavy Ion Collider, and the NASA Space Radiation Laboratory. In the 1990s, Olsen bought a circa-1950s cottage in Rocky Point, and since it needed renovations, he learned woodworking with the help of a carpenter. After taking care of basic home repairs, he started making furniture for his home, including a table, kitchen cabinets and a bathroom vanity.

As a skilled musician who was becoming increasingly proficient at woodworking, Olsen eventually taught himself to build his own guitars. So far, he has built three guitars and two electric upright bases. He uses mahogany and maple for the guitar bodies and ebony or rosewood for the fret boards."

"Different woods make different sounds," said Olsen, who plays both guitar and piano. "I play rock guitar using my homemade guitars in a band with three professors from Stony Brook at an occasional party or conference. I also play jazz piano in Monday night jam sessions in Mattituck and for an occasional benefit concert."

Using a kit, Olsen also built a kayak. He now uses it to explore Mount Sinai Harbor and Carman's River. He also tried renovating a wooden sailboat but decided smaller projects were more to his liking.

Recently, Olsen began brewing beer at home, making a Belgian style ale, which took six months to be ready for drinking. "I keep the beer in the basement while it conditions," Olsen said. "The brewing process is messy, and there are some distinctive odors involved, but the beer was delicious."

About three years ago, Olsen took on another challenge - growing Cabernet Sauvignon, Cabernet Franc, and Merlot grapes for winemaking. He bought the grapes from an upstate nursery upon the advice of the Suffolk County Cornell Cooperative Extension. "This is the first year that I may get enough yield to make wine," Olsen said. "I found out that it is a lot of work to grow grapes. I have to watch out for fungus, insects and birds. I've found that it's almost impossible to grow 100 percent organic grapes."

Still, Olsen likes the challenge of trying different things. "I haven't yet specialized in one area," he said. "If I had to choose one pursuit that I like best, it's music. But I enjoy all of my hobbies. I'm never bored."

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Henry Ashby, Collider Accelerator Support, announces the birth of their First Grandchild. On August 20, Henry's oldest daughter Katie (Bogdanski), had her first child, a son, whom they named Luke. Weighing in at 5 lbs, 8 oz (3 weeks early) and 18 inches long.



Luke



Luke at 1 week



Luke and Henry



Luke and Mom



Todd Satogata, Operations Analysis Group, also announces that he has a new granddaughter, Makenzie, born in Cincinnati on September 12, weighing 10 lbs, 2 oz at birth, a big one.

CONGRATULATIONS TO ALL!!



Fun Time

**prepare yourself for an exercise of patience...
now, enjoy the challenge.**

**CLICK ON THE BALL (IF YOU CAN) AND IT WILL DEFINITELY CHANGE COLOR.
It really does change color if you click on it!!!!!!**

<http://mazzanet.id.au/ball.php>

Thanks Kathy.



Did You Know



The dates for starting and ending Day Light Savings Time changed last year; some Americans may still be confused. Instead of ending on the last Sunday in October, as it did for many years, it will end on the first Sunday of November (November 2, 2008 this year). (It also began a few weeks earlier than usual this spring, on the second Sunday in March.) So, don't change your clocks yet! And double check any device you have that automatically adjusts its clock to DST - does it "know" the new rule?

Did you know that you can determine the nutrition facts for an entire meal... You can access the calculator at: <http://www.pacificlife.com/PLCorporateSite/Calculators/MealPlanner/MealPlanner.html>

The calculator was developed to help consumers gain a better understanding of the nutritional facts (i.e., calories, fat, cholesterol, sodium, etc.) of an entire meal. Its features include: Nutritional label for an entire meal; Comparison of the meal's nutritional values to a recommended daily intake; Lists of commonly prepared meals; Menu items of popular fast food outlets; Quick estimate of the amount of exercise needed to burn off the calories contained in the meal.

Michael Blaskiewicz Awarded Tenure

Monday, September 29, 2008



Michael Blaskiewicz

Michael Blaskiewicz, a physicist in the Collider-Accelerator Department (C-AD) has won tenure based on his significant contributions to Brookhaven's mission of designing, constructing, and operating complex user facilities and his extensive experience in the field of accelerator physics.

"Michael has established himself as an outstanding accelerator physicist whose original scientific work, publications, and leadership are internationally recognized," said Derek Lowenstein, C-AD Chair. "He has a broad knowledge of accelerator physics, as well as a deep understanding of the technology constraints in applying it to operating machines. His work is characterized as sophisticated, innovative, accurate, and reliable, and he is regarded as a world expert on issues of beam stability in high-intensity particle accelerators."

Blaskiewicz received his Ph.D. in physics from Cornell University in 1991. Immediately following graduation, he joined Brookhaven as a Fellow in Accelerator Technology at the [Alternating Gradient Synchrotron \(AGS\)](#). He was hired as an assistant physicist in 1992, promoted to associate physicist in 1994, and then promoted to the rank of physicist in 1996. In 1999, he was made a physicist with continuing appointment.

Blaskiewicz has contributed to the design, analysis, and operation of four C-AD facilities and projects: the [AGS Booster](#), the AGS upgrade to function as a high-intensity accelerator and as an injector for the [Relativistic Heavy Ion Collider \(RHIC\)](#), the accumulator ring of the [Spallation Neutron Source](#), and RHIC.

Recently, Blaskiewicz designed a groundbreaking way to achieve higher collision rates at RHIC through a beam-feedback technique known as stochastic cooling. Although this approach has been used in specialized, low-energy accelerators, it has never been made to work at high energy with tightly bunched beams such as RHIC's - until now.

"This extraordinary achievement has earned Michael worldwide recognition for the first ever success of cooling beam in a high-energy collider, and justifies by itself promotion to tenure," Lowenstein said.

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ALEXEI FEDOTOV, Superconducting Accelerator and Electron Cooling Group, also was awarded Tenure.

CONGRATULATIONS TO BOTH!!

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.

Thank you,



BERA is offering the following trips:

Doctor Atomic
Saturday, November 8, 2008

The Metropolitan Opera presents *Dr. Atomic*. This opera was composed by John Adams and is a gripping story that changed the course of history with the development of the atomic bomb. 1pm Matinee. Orchestra Rear \$130 per person, \$90 Balcony. [Seating Chart](#) The coach bus will leave Brookhaven Center at 9am, and will depart at the conclusion, approximately 4:30pm. Age 14 and over only. [More about The Metropolitan Opera.](#)

Radio City
Sunday, December 7, 2008

Join us for the Christmas Spectacular at Radio City Music Hall. Cost is \$85 per person. The coach bus leaves Brookhaven Center at 8:30am and will leave Radio City at 5pm. Enjoy the holiday extravaganza at Radio City Music Hall in New York City. The price includes 2nd Mezzanine seats for an 11:30am show, round trip luxury bus transportation, and free time in the Rockefeller Center area to shop, browse, or have a snack. Buy your tickets now at the BERA Store! [Seating Chart](#)

NOTE: the following events are sold out: Big Onion Walking Tour, Bear Mountain, and Atlantic City

The following events will have a 4 ticket maximum for the first 2 weeks of sale, which will begin at 9am on Friday 10/3.

Jersey Boys

Sunday January 18, 2009 (Monday 1/19 is a holiday)

\$145 PP for the 3pm matinee in the front mezzanine. Depart BNL at 10:30am, depart after the show at about 5:30pm.

Less than 30 tickets are available.

2 NY RANGER games!!

Wed 2/11/09 Rangers Vs. Washington 7pm 31 tickets

Section 348, Rows A, B, C. \$65PP

Sunday 3/22/09 Rangers Vs. Ottawa 7pm 46 tickets

Section 323 Rows B, C, D, E. \$65PP

1 NY KNICKS game!!

Knicks Vs. Cleveland Wed. 2/4/09 7:30pm 55 tickets

Free Tee Shirt! Sect. 329 Rows H-M. \$55.

The above trips all include luxury bus to Madison Square Garden & event ticket. Each will leave BNL at 4:00pm and leave at the conclusion of the game, around 10pm

<http://www.thegarden.com/sporting-events/index.html>

Royal Caribbean Cruise – Explorer of the Seas (Mega Ship)

5 Night Bermuda Cruise

Depart: Cape Liberty Cruise Port, New Jersey on Saturday, May 23, 2009. Return on

Thursday, May 28, 2009

\$1690-\$1750/dbl occ. Inside Stateroom

From \$1890/dbl occ. Inside Promenade

\$2290-\$2330/dbl occ. Oceanview

From \$2610-\$2690/dbl occ. Balcony

\$3490/dbl occ. Jr. Suite

Port Taxes and Fees are included

Each cabin complimented champagne/wine, fruit platter and travel insurance.

Prices are Subject to change depending upon availability. Required deposit - \$200/room

Call Michelle at DLC for more info: 1-800-352-8088.

Ports of Call

Saturday, May 23 – Leave Bayonne, NJ

Sunday, May 24 – At Sea

Monday, May 25 - Kings Wharf, Bermuda

Tuesday, May 26 - Kings Wharf, Bermuda

Wednesday, May 27 – At Sea

Thursday, May 28 – Arrives in Bayonne

Ship includes: rock climbing wall, ice skating rink, mini golf, golf simulator, fitness center, full size basketball court, inline skating and shopping promenade, theme bars, casino,

Adventure Ocean youth facilities, Johnny Rockets restaurant.



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

This message is sent on behalf of Jon Sandberg concerning Joel Spinner, a C-AD retiree. Greetings:

This is a portion of an e-mail I have just received from Joel Spinner concerning a very serious health issue he is experiencing. I'm sure he would appreciate his many friends at BNL visiting the website. You type "joelspinner" (no spaces) to get his page. Jon

"Dear Jon, I haven't heard from you for a while and I wanted to give you a report on my condition. Since Aug 28 I have been in Stony brook Hospital under going treatment for leukemia. I am getting chemo therapy and will be here for at least 4 more weeks. I am kept in semi-isolation since my immune system will be shot for a while. By the way there is a web page where anyone interested can find out about me and drop me a line if they wish: www.caringbridge.org just type in my name and you're in. Hope to hear from you, Joel."

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





October 2008

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--------|---------|--|---|---|--|
| | | | 1 440th Brookhaven Lecture, Rita Goldstein, Medical Dept., 4pm, Berkner | 2 | 3 Folk Singer James O'Malley, 7pm, Berkner | 4 |
| 5 | 6 | 7 | 8 Think Pink: "Early Detection of Breast Cancer & Gynecological Cancers", Dr. Jai Subramani, Noon, Berkner | 9 Yom Kippur Particle Physics Seminar "Using Nearby Supernovae for Cosmology", Stephen Bailey, LPNHE, France, 3pm, Bldg. 510 Small Seminar | 10 Healthfest Mountain Bike Ride, Noon, Gazebo | 11 |
| 12 | 13 | 14 | 15 Healthfest Seminar: Arthritis Lecture, Noon, Berkner 441st Brookhaven Lecture, Wally Mangel, Biology Dept., 4pm, Berkner | 16 National Boss Day Physics Colloquium "To be Determined", Hitoshi Murayama, IPMU Tokyo and Berkeley, 4pm, Bldg. 510 Large Seminar | 17 Healthfest Fitness Run, 12pm, Outside Bldg. 463 | 18 Sweetest Day Rhythm and Blues Revue - Riverhead Style, 8pm, Berkner |

| | | | | | | |
|----|----|---|---|--|--|----|
| 19 | 20 | 21 Healthfest Open House - Gym, Pool, Weight Room, 11:30am Bldg. 478 & 461 | 22 | 23 Healthfest Fair 10:30-1:30 Bldg. 400 Lobby | 24 United Nations Day | 25 |
| 26 | 27 | 28 Physics Colloquium "From Quarks to Nuclei to Compact Stars and Back", Mannque Rho, CEA, France, 2pm, Bldg. 510, Small Seminar | 29 Healthfest 400-yard Swim, 11:00am Bldg. 478 | 30 | 31 Halloween Healthfest Biathlon Swim, 11am-1:30pm, Bldg. 478  | |



November 2008

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------------------------------|--------|------------------------------------|---|---|--------|----------|
| | | | | | | 1 |
| 2 Daylight Saving Time Ends | 3 | 4 Election Day | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 Veteran's Day Lab Holiday | 12 442nd Brookhaven Lecture, 4pm, Berkner Hall | 13 Particle Physics Seminar "Future B Physics Program at KEK", Masa Yamauchi, KEK/Belle 3pm, Bldg. 510 Small Seminar | 14 | 15 |

| | | | | | | |
|----|----|----|----|---|-------------|----|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| | | | | Particle Physics Seminar by Christophe Royon, 3pm, Bldg. 510 Small Seminar | | |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | | | |  Lab Holiday | Lab Holiday | |



**We Remember
Sept. 11, 2001**

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

Editor: Pamela Manning x4072