

Particle Post December 2008

"Celebrate the happiness that friends are always giving, make every day a holiday and celebrate just living." ~ A. Bradley

Previous issues

A Note From Our Chairman



I would like to congratulate Ilan Ben-Zvi on his recognition as a Fellow of the IEEE, and Thomas Roser on his recognition as a Fellow of the AAAS. Well deserved awards for their contributions to accelerator physics.

I am delighted that Bert Palacios is back to work after his illness. Best wishes from us all and welcome back.

The NSRL run 8C was successfully completed. NASA will be conducting a review of the NSRL activities on Dec 17 at BNL. This will be preceded by two working meetings, which will include the discussion of long term exposure experiments, over days and possibly weeks, and the development of a comprehensive database to track the science and operations.

Work is now rapidly proceeding towards a RHIC cooldown start on February 1 for a polarized proton program at 500 GeV, center of mass. We will be entering a new energy regime where no one has been before.

I would like to remind you that everyone is invited to our Holiday Breakfast on December 18 at 9AM, in the 911 lobby. I urge everyone to bring an item for the food pantry. There are many people who are not having a breakfast that we are going to enjoy. I would like to see you all and wish everyone a happy holiday season and a happy and healthy New Year.

Administration



Across all programs, the FY 2009 budget for the Department is \$143.6M – only \$3.9M less than the FY 2008 budget of \$147.5M. Funding for RHIC Operations, our largest program, of \$107.6M is flat. Our challenge is to minimize the impact on RHIC operations and maintain progress on R&D and upgrade efforts while accommodating inflationary cost increases in virtually every cost element of the budget.

The RHIC cool down begins in early February and current plans are to operate the machine for a minimum of 10 weeks. Operations may be extended should an FY 2009 appropriation provide additional funding before the conclusion of the 10 week period.

Year-to-date financial data through November 30th supports the plan. While overtime has increased, attrition continues to reduce direct labor cost and in part, is funding higher than average expense for trade labor. Credit card purchases are also higher than last year but procurement cost overall is lower. The impact of cost increases for space has been mitigated by reductions in the facility footprint and continued scrutiny of power consumption seems to have effected permanent reductions in the base power load.

At our request, the Business Systems Division (BSD) has developed a new procurement report. The report was designed to assist us in tracking the progress of WEB requisitions through the system from the date the requisition is PINNED until the date on which the order is dispatched by Procurement and Property Management (PPM).

The report will be posted each Monday on the C-AD's Administrative web site. Requisitions initiated in the prior 90 day period are grouped by requisitioner. The current status of the requisition and the name of the buyer to whom the requisition was assigned, as well as other pertinent data are shown.

Operations Update



The fall NSRL run ended before Thanksgiving. Beam was successfully delivered to the users and on the operation side attention was paid to minimize the early morning set-up time to maximize beam use during the day. The beginning of the next NSRL run is planned for February, concurrently with RHIC operations.

The BtA and AGS studies also concluded successfully with collection of good data followed by organized and ongoing analysis. Preliminary results promise an improvement of matching between Booster and AGS, with an associated emittance reduction that should help with polarization preservation in AGS.

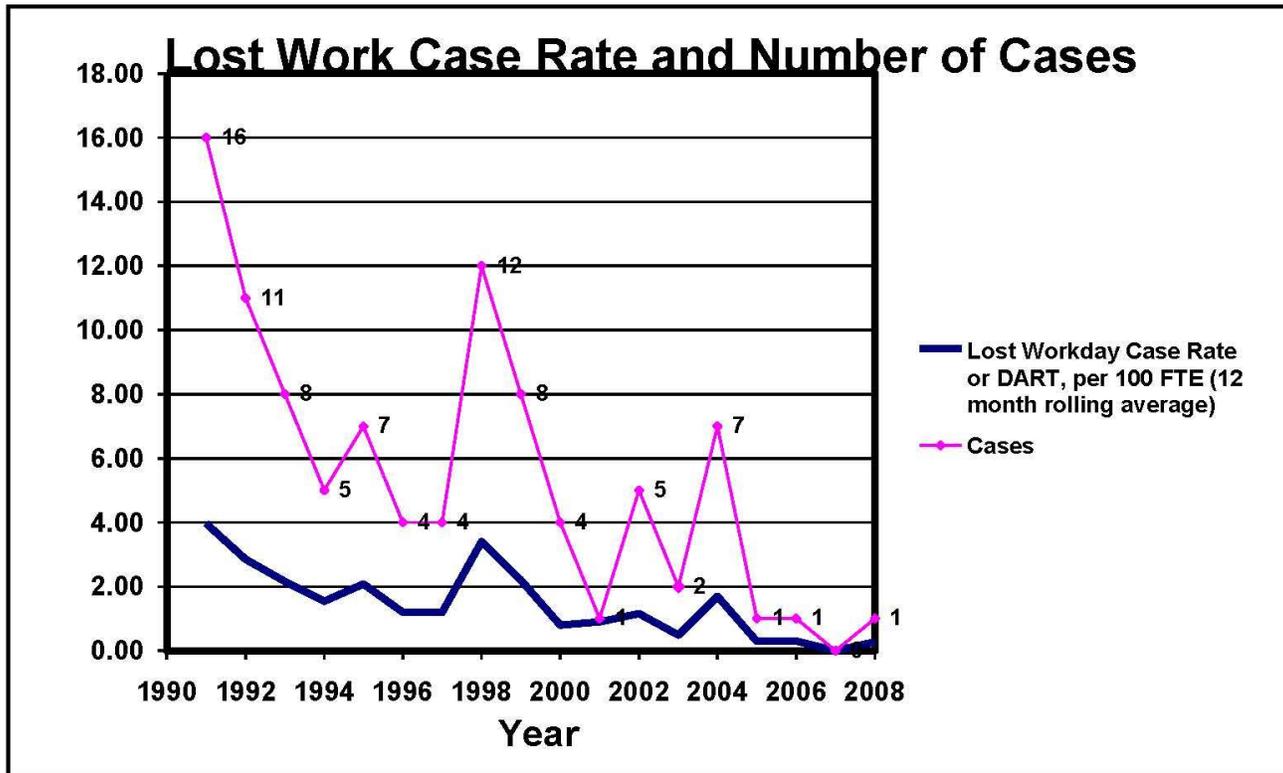
December and January will be focused on wrapping up shutdown work (for an update see as always <http://www.cadops.bnl.gov/AGS/Accel/Maintenance/>) and preparation for RHIC operations planned for the beginning of February 2009. The main areas in RHIC operation preparation in this period include:

- Start-up planning including a RHIC Dry Run in January (for detailed plans see Mei's Run-9 web page <http://www.cadops.bnl.gov/AP/Spin2009/>)
- Training of operation staff and RHIC shift leaders
- Preparation for the APEX Program in Run-9 (see the 2009 APEX Workshop web page (<http://www.c-ad.bnl.gov/APEX/APEXWorkshop2008/index.htm>))

Congratulations to Vincent Schoefer and Ian Blackler, recently promoted respectively to Machine Specialist and Operation Coordinator.

And, last but absolutely not least...happy holidays to all of you!

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, DECEMBER 5, 2008

NEXT EXCHANGE: JANUARY ??, 2009

Pete Cirrioglario

From: Karol, Raymond C
Subject: Suggested 5 minute safety topics

2. Preventing Slips and Falls During Winter Months

By Gary Welch

As the cold season approaches, we will start to encounter freezing conditions here on site and at home. When the ground freezes, surfaces tend to get more than a little slippery, but there are things we can all do to reduce the risk of slipping and falling.

When walking, there are two surfaces you must consider: the ground and the bottom surface of your shoe. Site sidewalks and walkways should be cleared of snow and ice, which helps a great deal. However, if they were only partially cleared, or if snow continues to fall, we have to consider the soles of our shoes for increased traction. It is common for office workers to wear shoes that have leather bottoms or high-heeled shoes with small surface areas. These shoes are not safe for these slippery conditions.

If you wear these types of shoes, consider wearing sneakers or boots with wide rubber soles into work. Once you are safely in the workplace, you can break out your comfortable working shoes. This will help to prevent falls in the future, both here at the Lab and off site as well. And please pass this idea on to your family -- nothing is worse than to get a call from a child or spouse who has slipped, fallen, and been injured. You may be able to prevent an injury at home.

Things to consider during freezing conditions:

- If walkways or the parking lots are not cleared, take the initiative and report the condition to your building manager, who will call in a request.**
- Park in cleared areas and as close to the building entrance as possible.**
- In winter months, ice melt is available in building entrances for employees to sprinkle at doorsteps.**
- Be aware of black ice. When getting out of your car, put your feet on the ground and check if the surface is slippery before standing.**
- Don't forget to wear appropriate winter shoes when outside this winter.**
- Gary Welch, OMC Staff Physical Therapist**

STOP THE FLU!!!!

- 1. Get your Flu Shot***
- 2. Wash your hands***

3. Watch Video <http://intranet.bnl.gov/ESHQ/video.asp>



Arrivals

Simon Edwards joined the department on December 1. He is working with Peter Ingrassia in the Machine Operations Group.

William Eisele joined the department on December 8. He is working with John Morris in the Software Systems Group.

Stefano Giorgio joined the department on November 24. He is working with Steve Gill in the Vacuum Systems Group.

Yue Hao joined the department on November 24. He is working with Vladimir Litvinenko in the eRHIC R&D Group.

Robert Hulsart joined the department on December 1. He is working with Tom Russo in the Beam Components Group.

Ryoichi Miyamoto joined the department on November 10. He is working with Angelika Drees in the LARP Group.

Michael Myers joined the department on November 17. He will be working with Dan Lehn in the Beam Components Group.

Richard Negron joined the department on November 17. He will be working with Ron Zapasek in the Pulsed Power Group.

Alonzo Werner, Jr. joined the department on November 10. He will be working with Andy Warkentien in the Cryogenic Systems Group.

Qiong Wu joined the department on November 17. She will be working with Ilan Ben-Zvi in the Superconducting Accelerator and Electron Cooling Group.

WELCOME!

Transfers

Peter Cerniglia moved from D. Lehn's group (Beam Components) to M. Minty's group (Instrumentation).

Charles Pearson, Facilities and Experimental Support Group will be transferring to the Physics

Department effective January 1.

Good Luck!

Departures

Natalia Abreu, Accelerator Physics Group (LARP) will be leaving on January 16, 2009.

Eunmi Choi, Superconducting Accelerator and Electron Cooling Group left on November 26.

Justin Gullotta, Beam Components Group left on November 19, 2008.



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



C-AD Service Awards November

40 years	Warren Hirzel
30 years	Heather Hartmann
20 years	David Phillips

10 years**Ronald Schroeder**

Congratulations!



Get To Know Your Co-Worker

Roger Connolly, Beam Instrumentation Group, has worked at BNL over 15 years. The projects that Roger works on are RHIC ionization beam-profile monitor, laser-wire beam-profile monitor at LINAC, turn-by-turn upgrade to the multi-wire profile monitor in AGS, and new ionization beam-profile monitor for AGS. Before joining C-AD, Roger worked for the RHIC rf group where he worked on modifying the 200 MHz rf cavities the project bought from CERN for use as the RHIC storage rf system. Roger and his wife Emily celebrated their 35th wedding anniversary in June and their first grand child is due in April. Roger and Emily have 3 children, April, who runs her own company, Hummingbird Arts <http://www.hummingbird-arts.com/>. Wendy, who is currently a lab assistant at Genentech in California. She is planning to go to graduate school in environmental biology. Wendy is planning on getting married next February. Brien is a Project Manager for Huen Electric in Syracuse. He is heading the electrical design for an addition to the Louis Stokes Cleveland VA Medical Center in Ohio. Brien is also planning on getting married next October. Roger and Emily do volunteer work for the Riverhead Foundation for Marine Research and Preservation, and they are members of the Port Jefferson Horological Repair Guild of the Port Jefferson Historical Society. Roger also enjoys repairing clocks.



Fun Time

Test your wit on holiday trivia by clicking [HERE](#).



Did You Know

Ilan Ben-Zvi, Associate Chair for Superconducting Accelerator R&D, elevated to IEEE Fellow.

To: Dr Ilan Ben-Zvi
Subject: Elevation to IEEE Fellow

Recognizing the achievements of its members is an important part of the mission of the IEEE. Each year, following a rigorous evaluation procedure, the IEEE Fellow Committee recommends a select group of recipients for one of the Institute's most prestigious honors, elevation to IEEE Fellow.

It is my great pleasure to inform you that the IEEE Board of Directors, at its meeting on 12 November 2008, elevated you to IEEE Fellow, effective 1 January 2009, with the following citation:

for leadership in superconducting accelerators, high brightness electron sources and free electron lasers

Congratulations on this most important achievement.

In the tradition of the IEEE, the IEEE Fellow Committee can notify your employer that you have been elevated to IEEE's highest grade of membership.

Sincerely,
Lewis M. Terman
IEEE 2008 President

In case you haven't heard, Thomas Roser, Associate Chair for Accelerators, has been voted 'Fellow of the AAAS'. For distinguished contributions to the field of accelerator science, particularly for the development of polarized proton colliding beams at high energy.

CONGRATULATIONS ILAN AND THOMAS!!

When you are making out your Christmas card list this year, please include the following:

A Recovering American Soldier

c/o Walter Reed Army Medical Center

6900 Georgia Avenue, NW

Washington, DC 20307-5001



Sophia Marneris, an intern working with the fiscal department (and daughter of C-AD's Ioannis Marneris) recently spent a day with our Administrative Group. Sophia met with different group members and learned about such topics as project management, budgets, reporting and labor forecasting. Sophia is pictured (right) with Sue Pankowski, leader of the budget and accounting group. Sophia is currently attending Stony Brook University and has dual majors in finance and mathematics. She graduates this month.



CAD raised funds for United Way in 3 ways, as of Nov 21, 08:

1. **Pledges Jeremy & Ila received during our fund raising events (32): \$522** includes cash, check, payroll, handed over to Liz Mogavero.

Please note: The above total does not reflect the pledges mailed in individually to Liz Mogavero.

2. **Fund-raising Events: \$865** cash handed over to Bonnie Sherwood.
3. **2 Gift Baskets 'Fitness', 'Hunting': \$140** handed over to Linda Sinatra.

The total of \$1527.00 was raised – CAD's united efforts J J

Our Pledge-Raffle drawing by Derek, entries verified by Gladys, witness Marion & Gladys:

Congratulations Winners!

1st Todd Satogata

2nd Frank Dusek

3rd Anna Floyd

4th Gladys Blas

5th Chris Carter

6th Jim Jamilkowski

7th Sheryl Carey

8th Arthur Fernando

International Food Tasting

Donate a Dish – Eat for Free!
(Dishes should be for 10-12 people, delivered to Recreation Hall by 10:30am.) *See donation contact info below.



**All proceeds go towards
BNL United Way
Campaign.**

**Come Taste Homemade Culinary Cuisine
from Around the World!**



First Come, First Served
Yvette Malavet-Blum performance too!

Recreation Building #317

(in the apartment area)

Friday, December 12, 2008

12:00-1:30 pm

\$10.00 Minimum Donation

Purchase Tickets at Holiday Auction 12/4 & 12/5

or by emailing len at ext 1894



UPGRADE TICKETS at Holiday Auction 12/7 & 12/9

or by emailing Jen at ext 4894

- * To donate a dish/volunteer or for information, call Jen Lynch at extension 4894 or email jlynch@bnl.gov (Can pick up dishes if necessary.)**



Join us at the

Asian Tea House



Relax with a soothing cup of tea along with some home-cooked fried rice, noodles, dumplings and almond cookies. (Vegetarian fried rice and dumplings will also be served)

Tuesday, December 16th

Noon to 1:30 p.m.

Biology Bldg. 463, Seminar Room 157

(Donation: \$5.00 per person)





“United Together, Sharing and Caring”

All proceeds go to the BNL “United Way” campaign!



***YOU ARE CORDIALLY INVITED TO ATTEND
THE COLLIDER-ACCELERATOR DEPARTMENT'S
HOLIDAY OPEN HOUSE***



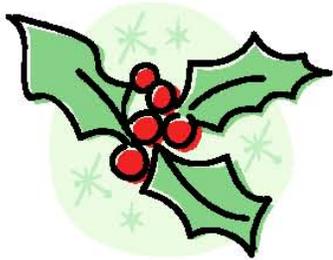
THURSDAY, DECEMBER 18, 2008

BUILDING 911 LOBBY

9:00 - 11:00 a.m.

*Please bring at least one non-perishable food item
for the food panty collection bin located in the lobby.*

Breakfast foods will be served.



Join us for the Annual



Holiday Bagel Etc. Party!



December 24, 2008
In the
2nd Floor Design Room
(Bldg. 911)



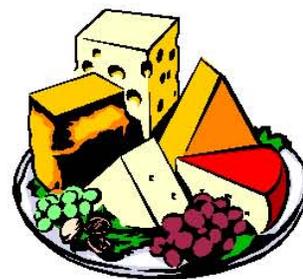
9am to 10:30 am



RSVP and \$6.00 due to

Kathy Brown - x4756 – Room #241D

Kathy Brown - x4/56 – Room #241D
Laura Taddonio – x5800 – Room #A212
By Wednesday, December 17th



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,



Upcoming events include the BERA Book Fair on 12/15 & 16, and Gift Wrapping on 12/15-12/18. Don't miss the family friendly concert on 12/12! <http://www.bera.org>

bnl.gov/bera/activities/music/images/PDF/MJTrio-flyer.pdf

~Tickets are still available for Jersey Boys, NY Knicks, International Motorcycle show, Rangers. & the Cruise to Bermuda! THINK GIFTS!

~TOY DRIVE NOW on! Drop off new gifts for children of all ages (0-17) to the BERA Store or 400 lobby by badging.

The toys will be distributed to many local agencies including Interface and the Cycletrons charity- Little Flower.

~United way Calendar: <http://intranet.bnl.gov/unitedway/fundRaising.asp> Auction & other events!!!

GYM/POOL/BERA STORE HOLIDAY SCHEDULES: please pass on to all users of the gym/pool/weight room

- Wed. Dec 24 (half day holiday): No pool hours. The Gym & Weight Room will be open from 7am-12 noon.
- Facilities will be closed Dec 25 through Sun Dec 28
- The Gym, Pool & Weight room will be closed beginning at 2pm on Wed. 12/31 through Sun Jan 4.

In all cases, the facilities will reopen on the Monday after the holiday.

BERA STORE- Plan your shopping accordingly! Movie tickets, stocking stuffers, Atlantis tickets, BNL & scientific shirts, etc.

The store will be closed December 24, 25, 26, and December 31, Jan 1, 2.

The store WILL be open on Mon & Tues 12/29 & 30.

<http://www.bnl.gov/bera/>



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.



December 2008

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
		Physics Colloquium, "Controlling Chaotic Activity in Neural Networks", Larry Abbott, Columbia U., 3:30pm, Bldg. 510,	443rd Brookhaven Lecture, Aleksey Bolotnikov, N&NS, 4pm, Berkner			

		Large Seminar				
7	8	9	10	11	12	13
Pearl Harbor Day	Workshop Sponsored by OIP &SR "Starting a Small Business with Technology", Bernie Ryba, NYS Small Business Development Center at SB, Noon, Berkner Rm B	Blood Drive 9:30 to 3pm Center Physics Colloquium "The Rest of Newton's Apple" 3:30pm, Bldg. 510 Large Seminar	Documentary Screening - "Naturally Obsessed", Richard & Carole Rifkind, Parnassas Works, 4pm, Berkner		C-AD Accelerator Physics Seminar "Observations of SPS e-cloud instability with exponential pickup" Riccardo DeMaria, 4pm, Bldg. 911B LCR	
14	15	16	17	18	19	20
		RHIC Spin Collaboration Meeting 9am Bldg. 1005, 3rd Floor Physics Colloquium, "A quantum computer can determine who wins a game faster than a classical computer", Edward Farhi, MIT, 3:30pm, Bldg. 510 Large Seminar 444th Brookhaven Lecture, "How It's Made - Polarized Proton Beam", Anatoli Zelenski,		C-AD Annual Holiday Breakfast 9am Main Lobby		

		4pm, Berkner				
21	22	23	24	25	26	27
Winter Begins			Christmas Eve ½ Lab Holiday	Christmas Day  Lab Holiday		
28	29	30	31			
			New Year's Eve			



January 2009

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 New Year's Day Lab Holiday	2	3
4	5	6	7	8	9	10

11	12	13	14	15	16	
		<p>Physics Colloquium, "Theory and experiments about an elementary coding system based on RNA", Jean Lehmann, The Rockefeller University., 3:30pm, Bldg. 510, Large Seminar</p>				
18	19	20	21	22	23	
	 <p>Lab Holiday</p>		<p>445th Brookhaven Lecture, 4pm, Berkner</p>			
25	26	27	28	29	30	31
	<p>Chinese New Year Year of the Ox</p>					<p>High School Science Bowl Hosted by C. Osiecki 9am, Berkner</p>



We Remember

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

Sept. 11, 2001

Editor: Pamela Manning x4072