

Particle Post August 2007

"Safety - A small investment for a rich future."

To review previous issues

A Note From Our Chairman



This past month we experienced our yearly RHIC Science & Technology Review conducted by the DOE Office of Nuclear Physics. The 2.5 day session consisted of presentations by C-AD, Physics, Instrumentation, and PHENIX, STAR and Spin experiments. The review conclusions, by the committee of outside consultants and DOE personnel, was delight with our past years performance. The delivered luminosity exceeded their expectations, despite a somewhat reduced beam availability performance from past years. We provided them with our plans to improve the availability as well as our long term improvement plans.

The past year progress on EBIS, Energy Recovery Linac ERL and electron cooling, longitudinal stochastic cooling were presented. The recent success of longitudinal stochastic cooling created a lot of excitement. We are being encouraged, as if we need any such encouragement, to pursue the next step of transverse stochastic cooling as quickly as possible. If the performance of the transverse system is as good as predicted by simulation, we should be able to implement a heavy ion cooling system at a very modest cost. This would not necessitate the need for a RHICII project and allow us to move forward more quickly with eRHIC.

eRHIC will require an electron cooling system for proton operations. The development of an ERL is the key technology for both the electron cooler and the 20 GeV electron linac injector. The present ERL R&D program will continue as rapidly as possible for both the nuclear physics program and the US Navy program.

The next 6 weeks will involve all of us in the DOE ISM review. Our work attitudes, training and performance will be scrutinized by an external team of reviewers. We have all had lots of training and have performed within all the guidelines but we have to pay special attention to articulating as to how you prepare, execute and evaluate the performance of a task, especially those jobs that are considered "worker-planned-work", aka "skill-of-the-craft". The appropriate attire for performing a task is another aspect that requires our attention. Long pants, closed shoes, safety glasses and PPE should be the standard. Shorts and sandals etc. are not appropriate for other than sitting at your desk.

Our goal is to have a safety record that is second to none. Zero accidents should be our mantra.

Administration

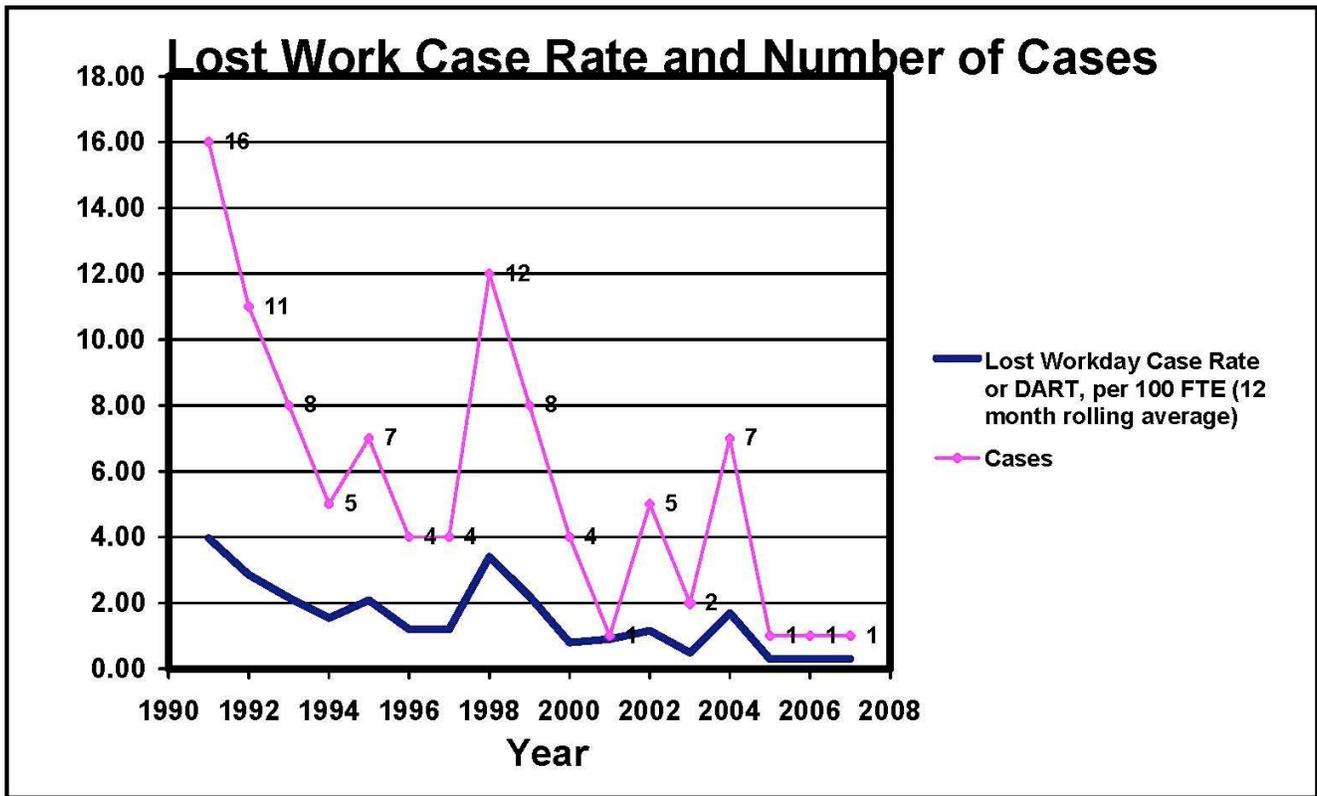


Summer days at C-AD are anything but lazy. Activity, including that on the financial front, began to build the momentum our FY 2007 budget was confirmed. I reported last month that cost in June of \$11.7M was the highest monthly total for the year. July cost of \$11.9M set yet another record for the year, although commitments appear to have leveled off.

The virtual flood of purchase orders, contracts, RFQ's and work orders in support of the RHIC shutdown, EBIS Construction, E-Cooling R&D, NSRL, RCMS and other programs has kept us busy as we begin preparations for the fiscal year end closing in September. Of even greater importance, is planning for yet another Continuing Resolution (CR) in FY 2008. While this news was devastating in FY 2007, we are much better poised for a CR in the upcoming year than we were in the current year. A budget reserve established in FY 2006 and increased in FY 2007 to \$1.2M will enable us to better withstand a delayed and/or uncertain budget and may even enable us to begin operations during a CR. Thus, estimates of both monthly cost and incremental funding for the first several months of FY 2008 will be important in scheduling the next RHIC Run.

An annual DOE review of the EBIS Project is scheduled for late September. Despite the funding delay and ultimate reduction of DOE construction funding for FY 2007, we have significant progress to report. Construction funding from NASA in FY 2006 enabled us to continue efforts throughout the FY 2007 CR and, once again, NASA has helped the project by providing in FY 2007 \$1M in funding planned for FY 2008.

Safety Stats



C-AD Occupational Injury Statistics

For Year* 2006 For Year* 2007

	For Year* 2006	For Year* 2007
First Aid Cases	1	5
Recordable Cases	5	1
Lost Work Cases	1	0

* Calendar Year

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

NEXT EXCHANGE: AUGUST 3, 2007

Then SEPTEMBER 7, 2007

Pete Cirnigliario



Arrivals

Abhishek Gupta started his summer Co-Op Engineer position on July 9 working with Brian Oerter in the Controls Division.

John Halinski joined the department on July 23 working with Tony Arno in the Design and Documentation Group.

Spartaco Margioni joined the department on July 23 working with Mike Bannon in the Booster/AGS Ring Power Supply Systems Group.

Salvatore Polizzo joined the department on July 16 working with Alex Zaltsman in the RF Group.

Reid Smith joined the department on July 16 working with Peter Ingrassia in the Main Control Room.

Fatma Zeynep Altinbas joined the department on July 16 working with Brian Oerter in the Controls Division.

WELCOME!!

Departures

Korbe Akinlabi-Oladimeji, summer employee working with Omar Gould will leave on August 17.

Gavin McIntyre, summer employee working with Steve Bellavia will leave on August 10.

Eric Mis, summer employee working with George Mahler will be leaving on August 10.

Joel Morales, summer employee working with John Morris will be leaving on August 3.

Jennifer Niedziela, Machine Operations Group terminated on July 9.

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



C-AD Service Awards July

40 years	George Murdock
30 years	Jon Sandberg
20 years	Carl Schultheiss
10 years	Vadim Ptitsyn

Congratulations to ALL!



Fun Time

Check out this fun US Citizenship Trivia Quiz. Click [here](#). Then click again.

Click [here](#) to view some photos of the flood we had on July 18. Click on any photo up top and it will enlarge below.

Here is a short video - it has sound - thunder

Here is a link for the Hurricane Survival Guide: http://www.brookhaven.org/DesktopModules/Bring2mind/DMX/Download.aspx?TabId=134&DMXModule=1576&Command=Core_Download&EntryId=640&PortalId=0

C-AD Annual Picnic Photos from Ripp Bowman



Bob Marascia - founder of our Annual BBQ in 1992



- Click on [BBQ07\SHOW.EXE](#) for access to the slide show
- Click Run
- Click Run again
- Click Loop All or inside blue picture to activate.

From: Carter, Christine B ccarter@bnl.gov 631-344-5090 Fax 631-344-2940 www.bnl.gov/bera

Sent: Tuesday, July 31, 2007 11:54 AM

Subject: BERA EVENTS & TRIPS August 2007- please pass on to all!

SCHOOL SUPPLY DRIVE NOW IN PROGRESS!  **Please drop off your donation to the BERA Store or to the Recreation office in Bldg. 400!!**

 **DUCK TICKETS AVAILABLE FOR THE MONTH OF AUGUST** <http://www.liducks.com/>

- Aug. 1** Ducks vs. Road Warriors 2 K tickets
- Aug. 2** Ducks vs. Road Warriors 2 J and 4 K tickets
- Aug. 4** Ducks vs. Bridgeport Bluefish 4 K tickets
- Aug. 12.** Ducks vs. Newark Bears 4 J and 4 K tickets
- Aug. 20** Ducks vs. Bridgeport Bluefish 4 J and 4 K tickets
- Aug. 21** Ducks vs. Bridgeport Bluefish 4 K tickets
- Aug. 22** Ducks vs. Bridgeport Bluefish 4 K tickets
- Aug. 24** Ducks vs. Camden Riversharks 4 J and K J tickets
- Aug. 23** Ducks vs. Camden Riversharks 4 J and 4 K tickets

Gateway Playhouse



Friday, August 10, 2007 Gentlemen Prefer Blondes! Enjoy the show at 8:00pm. Tickets are \$39.00 per person. No transportation provided. Gateway Playhouse is located at 215 S. Country Road, Bellport, NY 11713. Box Office: 631-286-1133 or 286-0555. Advanced paid reservations are required and can be made at the BERA Store Monday thru Friday from 9:am-3:00pm. Tickets are non-refundable.

Coney Island Brooklyn Cyclone Baseball



Saturday, August 11, 2007 Enjoy a day at Coney Island; ocean beach, amusement park and aquarium, then see the ball game at 6:00pm. Amusement Park and Aquarium admissions are separate. The \$20 per person includes your ticket to the ball game and the coach bus, which will leave Brookhaven Center at 11:00am and leave Coney Island at 9:00pm (or at the conclusion of the game). Advanced paid reservations are required and can be made at the BERA Store Monday thru Friday from 9:am-3:00pm. Tickets are non-refundable.

www.gampp.com/

Friday, August 31 - Yankees vs. Tampa Bay - \$44pp Tier Box. Bus leaves Brookhaven Center at 4:00pm, and leaves the stadium at the conclusion of the game or 11:00pm. Reservations are required and can be made at the BERA Store Monday thru Friday from 9:am-3:00pm. Tickets are non-refundable.

Tony Bennett



Saturday, September 8, 2007 See Tony Bennett live at Radio City, 8:00pm show. \$60 per person for 3rd Mezzanine. The coach bus leaves Brookhaven Center at 3:30pm and will leave after the show at approximately 10:00pm. Only 40 tickets. Advanced paid reservations are required and can be made at the BERA Store Monday thru Friday from 9:am-3:00pm. Tickets are non-refundable.

Army Football at West Point



Saturday, September 8, 2007 Game is at 1:00pm. TAILGATE PARTY will be included! Details to be confirmed - estimated cost will be \$45 pp. Coach bus will depart Brookhaven Center at 7:00am and depart after the game. Advanced paid reservations are required and can be made at the BERA Store Monday thru Friday from 9:am-3:00pm. Tickets are non-refundable.

Cabela's



Saturday, September 15, 2007 Shopping trip to Cabela's, PA. The coach bus will leave Brookhaven Center at 7:00am and will depart Cabela's at 5:00pm. Tickets are \$20 per person. Only 55 seats. Advanced paid reservations are required and can be made at the BERA Store Monday thru Friday from 9:am-3:00pm. Tickets are non-refundable.



Friday, September 14, 2007 Mets vs Phillies, tickets are \$33pp Mezzanine reserved green, section 27. Coach bus will leave Brookhaven Center at 4:00pm and leaves the stadium at the conclusion of the game. Advanced paid reservations are required and can be made at the BERA Store Monday thru Friday from 9:am-3:00pm. 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

Three from Brookhaven National Laboratory received the President's Volunteer Service Award for 4,000 plus Lifetime Hours of Service to the Long Island Community. One of the recipients was **Dick Skelton**, who retired as an environmental coordinator in 1994 after a 38 year career.

To view photos of the honored volunteers, go to the following website: http://www.bnl.gov/bnlweb/pubaf/pr/PR_display.asp?prID=07-78

CONGRATULATIONS DICK!!

email received from Eva Emmerich

MY RETIREMENT

Six years ago, in June 2001, I accepted a generous offer for an early retirement. At that time I had no idea what I'm going to do and how my life is going to be from that moment.

I was in a process of selling my house in Kings Park and I was playing with the idea to relocate to Florida. I remember my colleagues asking me: "Eva, what are you going to do? You are too young to retire; you are going to be bored."

Well, six years later I am living in Florida, I'm not bored, actually I am as busy as one can imagine. I moved into a beautiful, brand new community of Valencia Falls in Delray Beach. It is an over 55 community, so basically most of us are retired, living a good life. It is a gated community consisting of 705 homes, with a lush landscaping, a big club house, swimming pools, tennis courts and a lot of activities. I joined many of the new forming clubs: Women's Club, Cultural Club, Drama Club, Cancer Research Club, The Writer's Club and I am also a member of the Engineering/Maintenance Committee. Therefore I have no time for any kind of boredom.

Being busy with all these activities I am finding a time to travel. Every year I go to visit my family in Slovakia and if I don't travel there, some of the family members come to visit me in Florida. In May 2003 I was on a 26 day sailing trip around the Exumas Islands (Bahamas). In June 2005 I took a Mediterranean cruise and spent an additional time in Rome.

My daughter Sylvia got married in August 2004 and in April 2006 my little granddaughter Phoebe was born. Since then I'm making a trip to New York at least once a month. I have four step children and six other grandchildren living on Long Island and they are keeping me busy as well.

In January I had a great vacation with Phoebe and her parents on the island of Anguilla, in the Caribbean, and in March we went skiing to Deer Valley, Utah. Better say the parents were skiing and I was taking care of Phoebe.

In March I flew to Slovakia to celebrate my sister's 70th birthday. At the beginning of June I'm flying to Boston, at the end of June again to New York. I'm looking forward to spend a nice, quiet time with my family in August in the Hamptons.

My retirement is great.

Eva Emmerich

May 30, 2007



Fishing in the Key West

Anguilla



Anguilla



Deer Valley, Utah



Piazza Navona, Rome



Rome Coliseum



Christmas - All my grandchildren



With all my sisters in Slovakia

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



August 2007

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 After hours get together for BWIS 5:30pm Bldg.400	2	3	4
5	6 BWIS Lecture "The Power of Questions" Dorothy Leeds, 12noon Berkner	7	8	9 Medical Department Seminar, Yadong Wang, GA Institute of Technology, 1:30pm, Biology	10 Dog Days Blue Festival "The Kerry Kearney Band", "3 AM", "Jacks O'Diamonds" 6pm Brookhaven Center	11

12	13	14	15	16	17	18
			High Energy Physics & RIKEN Theory Seminar "The LHC Inverse Problem and the ILC...A SUSY Study", Tom Rizzo, SLAC, 2pm, Bldg. 510		Nuclear Physics & RIKEN Theory Seminar "Summing Pomeron Loops in Dipole Approach of QCD", E. Levin, Tel Aviv U, 2pm, Bldg. 510	Dog Days Blues Festival "Mem Shannon", & "Sam'Bluzman' Taylor" 8pm Berkner Hall
19	20	21	22	23	24	25
RHIC Summer Sunday (STAR & PHENIX)					Nuclear Physics & RIKEN Theory Seminar "Cherenkov Gluons at RHIC and LHC", Igor Dremin, Lebedev Institute, 2pm, Bldg. 510	
26	27	28	29	30	31	
					Nuclear Physics & RIKEN Theory Seminar "pQCD vs Ads/CFT Tested by Heavy Quark Energy Loss", W. Horowitz, Columbia U. / FIAS, 2pm, Bldg. 510	



September 2007

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1

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



We Remember
Sept. 11, 2001

Editor: Pamela Manning x4072