

Particle Post

June 2005

*Thinking is the very essence of wisdom.
It challenges us constantly so we can pursue our dreams.*

Author Unknown

A Note From Our Chairman

The polarized proton program is turning out to be a great success. The 200 GeV run is meeting or exceeding our initial expectations for delivered polarization and luminosity performance. The 410 GeV development run rapidly provided polarized proton beams at the highest energies ever. This will ultimately lead to a 500 GeV physics run in the future. The AGS cold snake has shown that it preserves the proton beam polarization up to full AGS energy. Congratulations to everyone involved with polarized proton development and operations.

You have all read the newspapers regarding the FY2006 budget. The House of Representatives has marked up their version of the FY2006 budget and it certainly looks good for RHIC accelerator operations. The Nuclear Physics research part of the budget did not receive such good treatment however. It now remains to be seen as to what the Senate will do to their version of the Energy & Water Appropriations bill. Then it will go to a conference committee and then to the president's desk for approval.

NASA has committed a first installment for the EBIS project with FY2005, this year's, funding. So the project is underway with hopefully beam commissioning in FY2009.

It is summertime and that means we will be hosting several students, the next generation of scientists and engineers. I urge everyone to make their summer stay at C-AD as enjoyable and intellectually stimulating as possible.

I would like to remind everyone of the importance to work safely and to make sure your colleagues also do so. We have recently suffered a tragic loss of Donna Zadow and her husband in an airplane mishap. This clearly reminds one of the frailties of human existence.

Derek Lowenstein



Administration

RHIC Operations cost for May was \$8.8M. Machine power of \$1.0M reflects April consumption. Currently estimated funding available for shutdown activities is substantially less than in FY 2004, so it is critical that we defer purchases and/or deliveries, where appropriate, and limit authorized overtime to only that which is essential. Reducing vacation carry forward to 20 days as of September 20 is also an important element in insuring that sufficient funding is available for procurements over the shutdown period.

EBIS, the Electron Beam Ion Source, planned for construction and installation in building 930, is fast becoming a reality. Total project funding of \$19.3M, including \$4.5M from NASA, is planned over a four year period. R&D efforts will begin in June 2005, with funds reprogrammed from RHIC Operations and the first \$500K installment of NASA funding has been received. Preparations are in process for the EBIS CD-1 Project Review scheduled for Monday, July 25, through Wednesday, July 27.

Monthly employees in the Collider-Accelerator Department will begin utilizing the Laboratory's Electronic Time Reporting System (ETR) on June 21. Access to the time card entry software is through the PeopleSoft HR Employee Self Service Module, which can be accessed from the Human Resources Home Page on the BNL Web Site. This is the same PeopleSoft module you may have used to verify your emergency contact information, view the statement issued with your monthly paycheck or check your vacation and sick leave balances. If you have not already used this feature of the PeopleSoft HR System, you are encouraged to do so before June 21.

For the convenience of C-AD employees, the Business Systems Division will offer ETR training in the Snyder Seminar Room on Wednesday, June 15, and Monday, June 27. Both training sessions are scheduled for 10 AM to Noon and will be structured so that entry of your personal time and leave data will be addressed first. Non-supervisory personnel may then leave and the on-line supervisory approval process will be discussed. Employees and supervisors of employees working alternate schedules, including shift and overtime, are encouraged to attend one of the two training sessions scheduled in Snyder, as Payroll personnel will be in attendance and will be able to respond to your questions related to pay policy.

Additionally, a computer based training module has been developed and can be accessed using the link below.

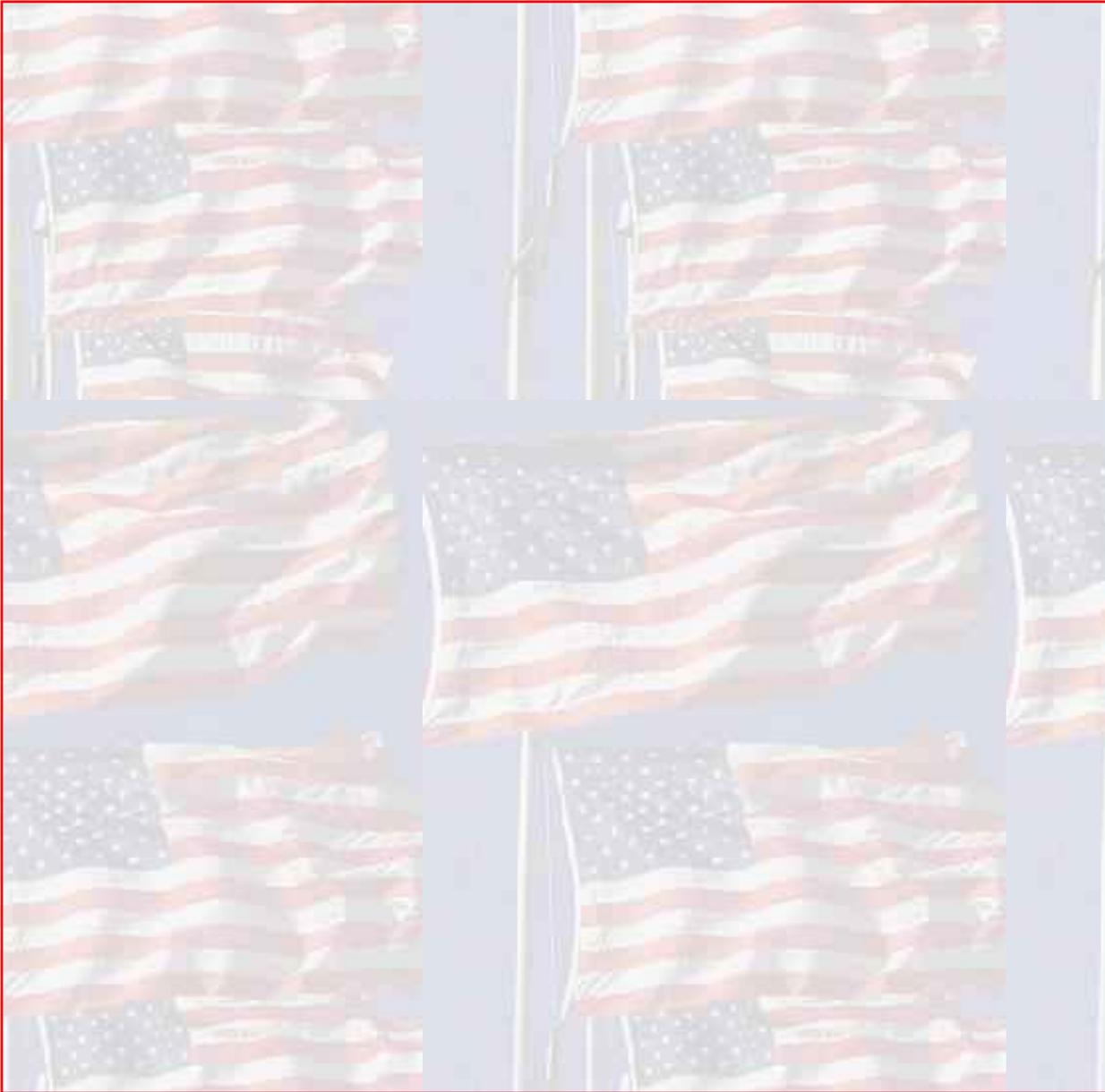


Ann Lamberti is coordinating the implementation effort for the Collider-Accelerator Department, as well as the Superconducting Magnet Division. Ann may be contacted on extension 7611.

Stephanie LaMontagne-McKeon



!!Safety Stats!!



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

NEXT EXCHANGE: Have your TLD on its assigned badge board by
Friday, JULY 1, 2005

THIS MESSAGE is SENT on BEHALF of E. LESSARD, (C-A Associate Chair for ES&H/QA)

To all C-AD and SMD personnel:

You are requested to attend a 45 minute OSH/EMS* Forum. This is in preparation for the ISO 18001 & 14001 Registration Audit starting the week of June 20. It is likely that C-AD and SMD personnel will be interviewed by the Registration Team as part of the audit. Attend any one of the following sessions.

All are 11:15 - 12:00 noon, Bldg 911 Snyder Seminar Hall.

Monday June 6

Tuesday June 7

Thursday June 9

Monday June 13

Tuesday June 14

Thursday June 16

* OSH: Occupational Safety & Health Management System

EMS: Environmental Management System

BICYCLE SAFETY MESSAGE send on behalf of Jams Tarpinian:

I have gotten several reports lately about people riding bikes without wearing helmets. These persons were observed last week and did not appear to be students, so let's not make automatic assumptions. With the warm weather there are lots more bicyclists on the road. Please reinforce with your divisions and departments how important it is to wear helmets and to follow the other rules of the road. Remind people that last year we had several accidents involving bicycles where wearing a helmet prevented much more serious injuries. You may also remind people that bicyclists can be issued citations for not following these policies. More information about bicycle safety and obtaining helmets can be viewed at <http://www.bnl.gov/esh/shsd/Article1.htm>.

I did specifically address bicycle safety with our students during their orientation this week however the message needs to be reinforced by students' sponsors so they know we personally care about their safety. While speaking with your students please also reinforce the need to follow all our safety and environmental policies, remind them to wear their personal protection equipment (PPE), encourage them to freely ask questions about the hazards of their jobs, and explain that they have the right to refuse to do work that they feel is unsafe (stop work authority) and that you will back them up if they do.

Please help BNL to achieve an injury-free June. If we can work June without a DART case, we will achieve a million hours without a lost time accident. We are more than half way there already. This will be a great celebration! I know we can do it!

Jim

Pete Cirigliaro



IN MEMORY OF DONNA & AL ZADOW



Alfred and Donna Zadow of Wading River, died suddenly on May 23, 2005 in an airplane crash in Connecticut on their way home from upstate New York. The Cessna 182, which Al was piloting went down at 11:30 am about four miles north of the airport in a wooded area, according to FAA spokesperson Jim Peters. State police spokesperson Sgt. J. Paul Vance stated, "At some point and time during the flight, the pilot reported

experiencing engine and oil pressure problems." Al spoke with both Long Island and Danbury Airports, and attempted to make an emergency landing in the field near the schools. Witnesses said the plane came over the high school's softball field and looked like it was starting to circle, then clipped the top of the trees and went straight down, and became engulfed in flames on impact.

The loving parents of Bryan (Jennifer) Zadow, Brett (Leah) Zadow, Heath (Tara) Richards and Jennifer (Andrew) Powell. Donna was the cherished daughter of Dale and Elaine Turner and fond sister of Douglas Turner, Linda DeBeer and Carolyn Louey. Al was the son of the late Alfred and Mary Zadow and the fond brother of Elizabeth Luyster and Eleanor Woodward, and the dear grandparents of four. In lieu of flowers, memorial donations requested to Memorial Sloan-Kettering Cancer Center or St. Jude Children's Hospital.

Do not stand at my grave and weep:

I am not there, I do not sleep.

I am a thousand winds that blow;

I am the diamond glints on snow.

I am the sunlight on ripened grain:

I am the gentle autumn's rain.

When you awaken in the

morning's hush,

I am the swift uplifting rush

Of quiet birds in circled flight.

I am the soft star that shines at night.

Do not stand at my grave and cry.

I am not there: I did not die.



Summer Arrivals

Ron Hauser joined the Survey Group working with Frank Karl.

Masafumi Tawada is a Guest Scientist working with Deepak Raparia in Bldg. 930.



C-AD Summer Students 2005

Derek Lowenstein, Chairman, C-AD; Omar Gould, Preinjector Systems; Carl Schultheiss, Electrical Systems; Mwesigwa Musisi-Nkambwe a Co-Op Engineer is working with Vincent Castillo; Christopher Nachmias is a SOLI Intern working with Arlene Zhang; Noreen Sapanski is a student collaborator working with Kin Yip; Khatune Zannat is a Co-Op Engineer working with Carl Schultheiss in the Electrical Systems Group; Arlene Zhang, Electrical Systems; Yevhen Rutovytskyy is a student collaborator working with Vincent Castillo; Michael Tien is a student collaborator working with Dick Hseuh; John Morris, Controls

Division; Edward Bajon a Co-Op Engineer working with Omar Gould; Victor Parris is a GEM Fellow working with John Morris; Dick Hseuh, Vacuum Systems; Ahovi Kponou, Preinjector Systems; Edward D'Azzo-Caisser is a student collaborator working with Ahovi Kponou; Kin Yip, Physics Support.

Welcome

Departures

Lanfa Wang, SNS, Accelerator Physics Groups will be leaving the laboratory June 22.

Sanbao Zheng, RF Group will be leaving the BNL Thursday, June 9.

Good Luck

Relocating / Transfers

Justin Gullotta, Instrumentation and Beam Components Group will be moving from 911A to 911B, Room 248.

Neville Williams, Access Controls Group will be transferring to the Safeguards and Security Division effective July 1.



Recent College Graduates



Karen Cestra

Administrative Group

Bachelor degree in Organizational Management concentrating in process of management.



Matt Hershcovitch

Son of Ady Hershcovitch

Bachelor of Science in Nuclear Engineering from MIT

Plans to attend either SUNY Buffalo or Stony Brook Medical School August 2005.



Dave King

Son of Kerry Mirabella

B.S. in Business Administration from SUNY Oswego

Dave has relocated to Myrtle Beach, SC to pursue a career in Recreation Management.

Recent High School Graduates



Matthew Kaczmarczyk



JoAnne Longo



Katie Weider

Son of Darlene Sappo

Graduated West Babylon High School with Sportmanship award for Basketball, MVP Award Tennis, All League Tennis, Gold Key Athletic Award. Will be attending Suffolk Community College to study Engineering.

Daughter of Cindy Longo

Graduated from Bayport Blue Point High School and will be attending Fordham University in the fall, she is planning on majoring in Mathematics.

Daughter of Ellen & Ron Weider

Graduated from Bellport High School and will be entering Boston University in September majoring in Physical Therapy.

Congratulations to ALL



Who is this person with a tie and badge on?



Did You Know?

Juliana Morris, daughter of John Morris, is biking across the U.S.A. this summer to raise money for charity.



Her dad will join her in June for an eight day leg of the trip in Wyoming and Colorado. With her sophomore year in college freshly completed, Juliana flew to Florence, Oregon where her "Bike Against Hunger" tour began on May 22nd. A small team of cyclists will follow the [TransAmerica](http://www.adventurecycling.org/routes/transamerica.cfm) bicycle trail and end their trip approximately 4,200 miles and 80 days later in Yorktown, Virginia. At the time of this writing, they've made it over the Cascade Mountains and are biking on the high plateau in central Oregon. The "Bike Against Hunger" team will be raising money for Heifer International, an organization that works to end world hunger by providing children and families with a unique combination of aid and education. Contact [John Morris](mailto:John.Morris@heifer.org) if you are interested in sponsoring Juliana's ride. To learn more about the Heifer organization, visit <http://www.heifer.org>. To learn more about the TransAmerica bicycle trail details, visit <http://www.adventurecycling.org/routes/transamerica.cfm>.



IMPORTANT -- Speakers, Employees, & Guests -- MUST REGISTER

YOUR VOTE COUNTS

VOTE NOW FOR NEW UEC MEMBERS AND CHARTER CHANGES

REGISTER AND VOTE NOW!!!!!!

The RHIC & AGS Annual Users' Meeting is being held at Brookhaven on June 20-24. All interested users should go to http://www.bnl.gov/rhic_ag/users_meeting/ and:

1. REGISTER FOR ANNUAL MEETING
2. REGISTER FOR WORKSHOP(S)

3. VOTE FOR NEW UEC MEMBERS
4. VOTE FOR CHARTER CHANGES
5. SIGN-UP FOR POSTER SESSION
6. SIGN-UP FOR LUNCH
7. SIGN-UP FOR DINNER

The Organizing Committee

Brant Johnson, Users' Meeting Chair (BNL) brant@bnl.gov

Gary Westfall, (Michigan State University) westfall@nscl.msu.edu

Vicki Greene, (Vanderbilt University) SENTA.V.GREENE@VANDERBILT.EDU

Peter Steinberg (BNL) steinber@bnl.gov

Angela Melocoton (BNL) melocoton@bnl.gov

Susan White-DePace (BNL) swd@bnl.gov swd@bnl.gov



C-AD B-B-Q

WEDNESDAY, JUNE 22, 2005

NOON - BNL Gazebo

Rain or Shine

Bring Lawn Chairs

Don't miss the "Social Event Of The Year"

All C-AD employees and Retirees

- \$7.00/per person -

\$10 at the door

No Refunds!

This Year's Highlights:

Door Prizes

Pig Roast

I-Hung's Salmon

Stacey's Chicken

Hamburgers & Hot Dogs

Anna & Gladys's Arroz con Gandules

To Control Amount of Vehicles at Site -

Please Call Lab Van X2714 For Pick-Up

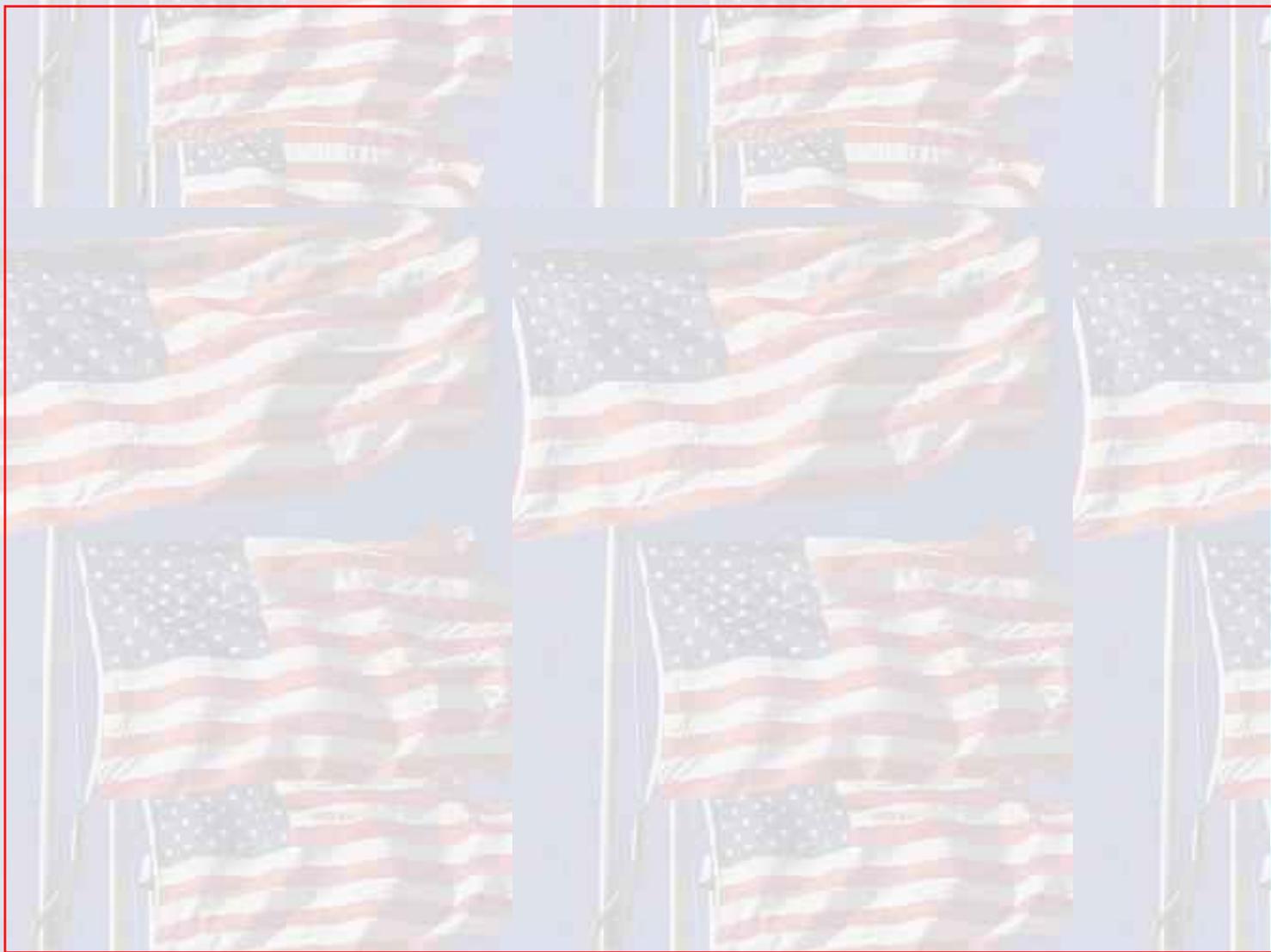
Your Committee Is:

**John Benante X2745
Ripp Bowman X4672
Rich Conte X5741
Lynanne DiFilippo X7918
Bob Duffin X2451**

**Frank Dusek X2022
Marion Heimerle X4619
Garry Hubbard X2023
Stacey Kuczewski X4853
Cindy Longo X4758**

**Pamela Manning X4072
Bob Marascia X7779
Jim Meier X2022
John Nicoletti X4631
Tom Nolan X5740**

**Anna Petway X4776
Anh Pham X4547
Rich Savage X4640
Paul Sparrow X4689
Ray Zaharatos X7205**



*We wish all of you born in **JUNE**
a happy and healthy year ahead.*

Birthday people ONLY click on cake



for May

Roger is with the Controls Group and received a Cross gold pen & pencil set.

Joe is with the Collider Electrical Power Supplies Group and Steven is with the Mechanical Systems Group. They both received a mug, coaster, and key tag.



This is IMPORTANT to look out for!

Bank ATM's Converted to Steal IDs of Bank Customers

A team of organized criminals are installing equipment on legitimate bank ATM's in at least 2 regions to steal both the ATM card number and the PIN. The team sits nearby in a car receiving the information transmitted wirelessly over weekends and evenings from equipment they install on the front of the ATM (see photos). If you see an attachment like this, do not use the ATM and report it immediately to the bank using the 800 number or phone on the front of the ATM.

The equipment used to capture your ATM card number and PIN are cleverly disguised to look like normal ATM equipment. A "skimmer" is mounted to the front of the normal ATM card slot that reads the ATM card number and transmits it to the criminals sitting in a nearby car.

At the same time, a wireless camera is disguised to look like a leaflet holder and is mounted in a position to view ATM PIN entries.

The thieves copy the cards and use the PIN numbers to withdraw thousands from many accounts in a very short time directly from the bank ATM.



Equipment being installed on front of existing bank card slot.



The equipment as it appears installed over the normal ATM bank slot.



The PIN reading camera being installed on the ATM is housed in an innocent looking leaflet enclosure.



The camera shown installed and ready to capture PIN's by looking down on the keypad as you enter your PIN



ALUMNI NEWS: AGS/RHIC/C-AD RETIRED CROWD -We'd enjoy hearing from you and what you're up to! 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



June 2005

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
--------	--------	---------	-----------	----------	--------	----------

			1	2	3	4
					C-AD AP Seminar "Report from the Super-B Factory Workshop" C. Montag, 4pm, 911B, LCR	
5	6	7	8	9	10	11
			Costco, 10am-2pm, Berkner C-AD AP Seminar "The HESR Electron Cooling Project" D. Reistad, Uppsala, 4pm, 911B, LCR			
12	13	14	15	16	17	18
			RHIC Retreat	RHIC Retreat TIMECARDS DUE	RHIC Retreat	
19	20	21	22	23	24	25
	RHIC & AGS Annual User's Meeting Blood Drive 9:30-3pm "TheCenter"	RHIC & AGS Annual User's Meeting Blood Drive 9:30-3pm "TheCenter"	C-AD Annual BBQ - Noon@Gazebo RHIC & AGS Annual User's Meeting 405th Brookhaven Lecture "e-RHIC" Vadim Ptitsyn, Collider-Accelerator 4:00 PM, Berkner Hall Auditorium	RHIC & AGS Annual User's Meeting	RHIC & AGS Annual User's Meeting	

26	27	28	29	30		
				Brookhaven Accelerator Forum "Super Neutrino Beams, VLBLNO and BNL" Tom Kirk, Director's Office, BNL Hosted by Wu-Tsung Weng 3:00 PM, Berkner Hall, Room B		



July 2005

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4 Holiday	5 Holiday	6	7	8	9

10	11	12	13	14	15	16
		<p>Physics Colloquium "Experimental Test of High Field Electrodynamics in the Physics Department's Accelerator Test Facility" Vitaly Yakimenko, BNL - Physics Department Hosted by Ilan Ben-Zvi 3:30 PM, Large Seminar Room, Bldg. 510</p>				
17	18	19	20	21	22	23
			<p>406th Brookhaven Lecture "Advanced combustion technology" Thomas Butcher, ES&T 4:00 PM, Berkner Hall Auditorium</p>			
24	25	26	27	28	29	30



Editor: [Pamela Manning](#) x4072

We Remember

Sept. 11, 2001

