



BNL and U.S. DOE's

RHIC

*an extraordinary tool
for extraordinary science*

Energy Secretary Richardson Dedicates BNL's RHIC



"RHIC . . . will be the world-premiere facility for nuclear physics, attracting to Long Island the world's top scientists and students in this field . . . Brookhaven has a great future for this country and this community." — U.S. Secretary of Energy Bill Richardson.

"This is a wonderful day for Long Islanders, because Long Islanders made this machine . . . an instrument that will open up a window on a realm of nature never before seen in the laboratory. RHIC will be an inspiration to young people who might be encouraged to become scientists and to their teachers throughout the Island, because they can come here and see really basic science." — BNL Director John Marburger.



"RHIC is truly an example of international science. I congratulate the international team of scientists and wish them the best." — Dennis Kovar, Director, DOE's Division of Nuclear Physics.



"It's very dear to my heart to improve the lives of people in Brookhaven Town. The Lab helps us, providing over 3,000 jobs and . . . keeps the U.S. at the forefront of science and technology." — Felix Grucci, Brookhaven Town Supervisor.



"You are setting the standard for the nation in terms of ensuring that great science and responsible environmental protection go hand in hand." — U.S. Representative Rick Lazio.

"Our success as a nation depends largely on advancing the frontiers of science and technology. Equally important, science is inherently an international undertaking . . . I hope the collider we dedicate here today will become an emblem of the unlimited possibilities of international scientific research."

— Neal Lane, Science Advisor to the President.

"We are proud in Congress of each and every one of you who has been involved in the success of bringing this project forward." — U.S. Representative Gary Ackerman.

In the photograph on page one, (from left): Energy Secretary Bill Richardson, U.S. Representative Rick Lazio; BNL Director John Marburger; U.S. Representative Gary Ackerman; and Relativistic Heavy Ion Collider (RHIC) Project Director Satoshi Ozaki are viewing RHIC's STAR detector. STAR and PHENIX are the two biggest detectors of RHIC's five experiments. These detectors have been designed and built by scientific collaborations involving nearly 100 universities and laboratories worldwide.



"My hat is off to Satoshi Ozaki and the hundreds of employees who helped reach this goal." — Shirley Strum Kenny, USB President.

photos on this page by Roger Stoutenburgh

Longwood High-Schoolers Cheer RHIC, Make Music in the Rain



Joe Rubino



Joe Rubino



Joe Rubino

A Day to Remember

On Monday, October 4, the Relativistic Heavy Ion Collider (RHIC), was dedicated by Energy Secretary Bill Richardson during a ceremony outside BNL's Collider Center, which was attended by many guests and Lab employees. Tours of the RHIC facility were given before and after the ceremony, which began after the Longwood High School Marching Band had played selections of music, concluding with the National Anthem.

Introduced by Lab Director John Marburger, the dedication speakers included DOE's Office of Science Director Martha Krebs, Presidential Science Advisor Neal Lane, U.S. Representative Rick Lazio, U.S. Representative Gary Ackerman, and Secretary Richardson.

During the recognition ceremony that followed the dedication, RHIC Project Director Satoshi Ozaki thanked the many groups and individuals, from BNL and outside the Lab, whose participation had been crucial for the successful completion of the project. Other speakers included: State University of New York at Stony Brook President Shirley Strum Kenny, who is also Chair of Brookhaven Science Associates; former Lab Director Nicholas Samios; and Brookhaven Town Supervisor Felix Grucci.

During the afternoon, a symposium entitled "Frontiers of Physics in the RHIC Era," drew a full house to Berkner Hall. Chaired by Dennis Kovar, DOE, the symposium speakers were: Allan Bromley, Yale University, who talked on "ISABELLE, SSC, and RHIC: Science and Politics;" Larry McLerran, BNL, whose talk was on "The Quark-Gluon Plasma . . . RHIC and Astrophysics;" Robert Jaffe, Massachusetts Institute of Technology, whose topic was "Probing the Nucleon at RHIC;" and T.D. Lee, Columbia University and RIKEN BNL Research Center, who spoke on "The Challenge of Physics."

Thank You, Longwood

Despite the rain and wind at the RHIC Dedication, spirits remained high — especially while the Longwood High School Marching Band and the Longwood Cheerleaders were marching, playing, or entertaining the audience with an imaginative and athletic interpretation of "colliding ions." As all who watched them agreed, the Longwood high schoolers were great!

Whether or not they saw the performance, BNLeers who would like to show their appreciation for this excellent contribution to the RHIC festivities are asked to stop by the Brookhaven Bulletin, Bldg. 134, to sign a giant "thank-you" card from the Lab to the Longwood team. The card will be available to sign in the lobby on Monday, October 11, for two weeks before it is sent to the school.

Equipment Demo

On Tuesday, October 12, from 10 a.m. to 2 p.m., Just In Time Electronics will display products by Amp Inc., 3M Corporation, Duracell Corporation,

Mallory Products, T&B Catamount, Mannix Testing, Inc., GC Electronics/Waldon Electronics, and Ledtronics Corporation. For more information, call Jeffrey Mizel, 599-8705, or go to www.justintimeelec.com.

Rifle & Pistol Club

The BNL Rifle & Pistol Club's next monthly meeting will be on Wednesday, October 13, at noon in the AGS second-floor conference room, Bldg. 911.

For more information, call Ted Robinson, Ext. 5489, or the club's hot-line, Ext. 2658; or go to its web page at www.berahome.bnl.gov/clubs/rpc/rpc.html, where the club's newsletter is also available.

Masthead Changes

Effective October 1, Liz Seubert, who has been a Brookhaven Bulletin staffer since 1986 and assistant editor since August 1998, has become the editor of the Bulletin.

Marsha Belford, who had joined the Bulletin staff in 1983, served as assistant editor beginning in 1987, worked as acting editor for much of 1997-98, and has edited the paper since August 1998, is now responsible for carrying out special projects within the Media & Communications Office (M&CO), which publishes the Bulletin.

As of the end of September, M&CO hired two new employees, to replace two who had left the office.

The new staffers are: Ann Ferrar Dusek, who now reports for the Bulletin and will assist in its production, as well as take over Seubert's responsibility for the Employee Information Center bulletin boards around site; and Karen McNulty, who contributes to the Bulletin in addition to her main task of writing and placing the Lab's science stories in the news.

Arrivals & Departures

Arrivals

Francois Gelis Physics
Madina R. Gerasimov Chemistry
Boris V. Podobedov NSLS
Stephen Vance Physics

Departures

Bruce Dionne Advanced Tech.
Katherine M. Einfeldt Physics
Ruby Fajer Applied Science
Warren Fredricks AGS
Horst Ratzke Physics
Sharadha Sambasivan NSLS
Richard C. Strand Physics
Michael J. Takacs Reactor
Nancy J. White Physics
Geen Yee RHIC

Volunteers Needed

Normal, healthy volunteers who are at least 20 years old are needed to participate in medical-imaging studies conducted by BNL's brain-imaging program. The purpose of these studies is to understand the function of the normal human brain.

Results from the imaging of normal individuals' brains will then be compared to results from studies of people with diseases such as alcoholism, drug addiction, obesity, and degenerative diseases. A fee will be paid, and participants' confidentiality will be maintained. For more information, call Naomi Pappas, Ext. 5015.

Register for 10/14&15 Pine Barrens Forum

Today, October 8, is the last day to register for the 1999 Pine Barrens Research Forum, to be held on October 14 & 15 again on site and sponsored by the Central Pine Barrens Commission and the Long Island Groundwater Research Institute (LIGWRI), as well as BNL.

Again featuring a day of technical discussions and a day in the field, the forum is free and open to all interested.

To register, call the LIGWRI, 632-9780 or -8674; fax 632-8820, or e-mail hbokuniewicz@notes.cc.sunysb.edu.

Tennis Awards Lunch

The Tennis Committee will host its annual end-of-tournament lunch to honor the winners of this year's BNL Tennis Tournament at noon on Thursday, October 14, at the BNL tennis courts.

A brief awards ceremony will held courtside, followed by an al fresco sandwich lunch.

The Committee welcomes all those who participated in the tournament, were spectators, or those who just want to come down to congratulate the winners.

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Aerobics Starts Anew

Next Tuesday, Wednesday, and Thursday, October 12-15, the BNL Aerobic Dance & Stretch Club will resume its classes. All are welcome to participate in the Tuesday and Thursday aerobic dance classes, and the Wednesday stretch class, all held at 5 p.m. in the Recreation Hall in the apartment area. Bring a mat for floor exercises and join in the fun.

Fees are \$35 for any ten classes or \$4 per class. For more information, call Pat Flood, Ext. 7886, or Sue Monteleone, Ext. 7235.

Defensive Driving

The training group of the Safety & Health Services Division will offer a six-hour defensive driving course on Saturday, November 6, 9 a.m.-3:30 p.m., in Berkner Hall, Room B.

The course will be taught by a Metropolitan Life instructor and is open to BNL, BSA and DOE employees, BNL facility-users, and their families, at a cost of \$23 per person. Completing the course entitles participants to a 10-percent discount on vehicle collision and liability insurance for three years.

The class will be limited to 35 participants. To register, send a check made out to Empire Safety Council, in care of Scott Zambelli, P.O. Box 670, Mount Sinai, NY 11766. All checks must be received by Friday, October 29. So that your registration can be confirmed, include your phone number with your name. For more information, call Zambelli at 249-3000, Ext. 5877 (not the on-site Ext. 5877).

Classified Advertisements

LABORATORY RECRUITMENT - Opportunities for Laboratory Employees.

DD7381. OFFICE SERVICES POSITION (Term Appointment) - Requires an AAS degree in secretarial science or equivalent experience, excellent typing and communication skills and knowledge of Microsoft Word. Will act as receptionist for the High Flux Beam Reactor, and enter and update individuals on automated facility access list. Will provide and perform varied secretarial support for User Facility Group and other groups with the Reactor Division as needed. Reactor Division.

DD8264. ADMINISTRATIVE/SECRETARIAL POSITION - Requires AAS in secretarial science or equivalent experience and a thorough knowledge of Laboratory policies and procedures. Excellent oral and written communication skills and proficiency processing information using a PC also required. Will utilize state-of-the-art software for scientific word processing, presentations, and technical reports. Corel WordPerfect, MSWord, PowerPoint, Excel, Access, Outlook, and Project highly desired, as is previous experience arranging foreign and domestic travel. Will perform a variety of complex secretarial assignments, including coordinating various training workshops, involving a large number of foreign visitors and assignments for the Energy and Nuclear Technology Division. Department of Advanced Technology.

OPEN RECRUITMENT - Opportunities for Laboratory Employees and Outside Candidates.

MK8736. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in condensed matter physics with experience in correlated electron systems. This position is in the Condensed Matter Theory Group and the individual will work in the field of strongly correlated electron systems and especially charge inhomogeneity. Will be expected to interact with one or more of the experimental groups that apply neutron scattering, x-ray scattering, angle resolved photoemission spectroscopy and optical conductivity to the same field. Under the direction of V. Emery, Physics Department.

Fun for Children of All Ages

Festival of Science, the Environment

Given the popular response to last September's Environmental Fair (see Brookhaven Bulletin, December 18, 1999), the Lab has decided to expand the fair into a festival, and to enlarge the scope to include science and the environment. So, on Saturday, October 16, all are invited on site rain or shine to attend the first "Festival of Science and the Environment" from 10 a.m. to 3 p.m. Once again, the event is free, and no reservations are required.

On the same day, the on-site Upton Forecast Office of the National Weather Service will hold its annual open house, which is popular with weather-watchers.

During the festival, Lab scientists will be available under the big tent to discuss exhibits on some of the Lab's scientific and environmental research and technology-development work. Also on hand will be members of the Lab's Environmental Restoration Division, to discuss what the Lab is doing to remedy the environmental problems that stemmed from Brookhaven's past operations.

Around the site, tours of some major facilities, nature walks, and many family-fun activities will be offered, including a recycling race, kite flying, face painting, and birdfeeder building.

Take Your Sons to Work on Monday, October 11

On Monday, October 11, BNLeers are again invited to bring their sons age 11 to 15 to the Lab to participate in the on-site activities planned for "Take Our Sons to Work" Day.

To discover what their parents do for a living and if their future livelihood will involve science, the boys will arrive 8-8:30 a.m. and spend the morning in their parents' or hosts' workplace. Parents who work in potentially hazardous areas may not have their sons visit their place of work. If there is a question, consult your ESH Coordinator or Facility Representative. For those who work in potentially hazardous areas, arrangements must be made for other employees to play host in their workplaces to those boys for that morning.

At 1:30 p.m., the boys will attend the Whiz Bang Science Show in Berkner Hall, then, at 2:30 p.m., they will be taken on a tour of the Lab site. At 4:45 p.m., parents will pick up their sons at Berkner Hall. To register or to get help in finding a host, contact Susan Foster, Human Resources Division, Ext. 2888.

BERA News

The BERA Sales Office is open from Tuesday-Friday, 9 a.m.-1:30 p.m., in Berkner Hall. For more information, call Andrea Dehler, Ext. 3347, or M. Kay Dellimore, Ext. 2873.

Atlantic City, November 6

The last of this year's BERA-sponsored bus trips to Atlantic City on will be on Saturday, November 6. The cost will be \$25, and the hotel-casino and coin return will be announced later.

Pay for reservations at the BERA Sales Office.

David Letterman Show Tickets

Attention, avid David Letterman fans: you may sign up at the BERA Sales office to receive tickets for the taping of Letterman's television show.

BNL Food Drive

No time to shop? Send personal checks to BNL Food Drive, c/o Rita Kito, Bldg. 460; Donna Wadman, Bldg. 129.

