# Bulletin



Vol. 56 - No. 32 September 20, 2002



## **BNL, BESSY Agree to Share Electron-Beam Expertise**

BNL and BESSY, the German synchrotron radiation research institute, recently signed a memorandum of understanding to share their expertise and experience in the science and technology underlying high-brightness electron beams. These beams are used in accelerator-based sources of very intense light, called free electron lasers (FELs), as well as in electroncooling of hadron beams.

The memorandum was signed by Peter Paul (above, center), BNL's Interim Director, Wolfgang Eberhardt, BESSY's Scientific Director, Eberhard Jaeschke (above, right), BESSY's Technical Director, and Ilan Ben-Zvi (above, left), Director of the BNL Accelerator Test Facility (ATF).

BNL and BESSY are each perfecting an FEL that is currently generating ultraviolet light. Both are expected to produce even more intense light in the form of x-rays in the future. The memorandum allows BNL and BESSY to exchange scientists, en-

gineers and technicians, who will form joint groups to develop, design, and build key FEL parts.

Brookhaven's FEL is the only facility in the world designed to generate light through the interaction of fast-moving electrons and a laser using a process called high-gain harmonic generation (HGHG). This process was demonstrated for the first time at the ATF in 1999. In August, BNL's FEL generated a record 266-nanometer-wavelength (ultraviolet) light by using a simpler process, called self-amplified spontaneous emission (SASE), in which electrons interact with the light they emit while being accelerated.

"This inter-laboratory cooperation is most timely, because it will allow us to exchange talents and ideas," says Ben-Zvi. "It will also increase the likelihood of getting encouraging results more quickly and lead to exciting scientific milestones in the future." — Patrice Pages

## **Auditor Renews BNL's Registration To Rigorous Environmental Standard**



Exchanging congratulations are: (from left) BNL Deputy Director Tom Sheridan, EMS Program Manager George Goode, BNL Interim Director Peter Paul, and Environmental Services Division Manager Lori Cunniff.

A fter conducting a rigorous third-party review this past June, an independent auditor has renewed BNL's ISO 14001 registration, confirming the quality of the Lab's environmental management system (EMS).

The International Organization for Standardization's ISO 14001 is a globally recognized standard that defines the structure of an organization's environmental management system for purposes of improving the organization's environmental performance.

ISO 14001 requires an organization to identify potential environmental impacts and establish controls needed to minimize impacts, to monitor and communicate environmental performance, and to establish a formal process for continually improving the system. In October 2001, BNL became the first national laboratory and first Long Island-based organization to obtain registration to the ISO 14001 standard.

"These audit results are quite positive and show that continual improvement is important to Brookhaven," said Note: For more information, go to www bulls

George Goode, EMS Program Manager. "Clearly, the Lab has implemented the ISO 14001 system and is beginning to realize some real benefits."

The auditor, NSF International Strategic Registrations, Ltd., an environmental review firm from Ann Arbor, Michigan, singled out 12 aspects of BNL's program as being particularly noteworthy.

These included the Lab's use of a "lessons learned" program to develop relevant preventative actions, its system to track and correct training deficiencies, and its systems for identifying environmental protection priorities and tracking issues.

NSF reviewers also noted that BNL's pollution-prevention program has continued to grow, now generating more proposals from scientists than operational personnel. The fact that the scientific staff is becoming engaged in the pollution-prevention program is evidence of the improved environmental awareness produced by BNL's EMS.

— Peter Genzer

Note: For more information, go to www.bnl.gov/bnlweb/pubaf/pr/2002/bnlpr082702.htm.

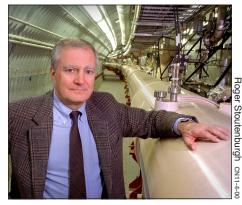
RHIC & AGS Annual Users' Meeting
'Talking Turkey at RHIC: Beyond First Collisions'
Friday and Saturday, September 20 & 21, 2002, 9 a.m.-5 p.m.

To register for the meeting, contact Kelly Guiffreda, guiffreda@bnl.gov. For additional information, go to www.bnl.gov/rhic\_ags/users\_meeting/

### Four BNL Scientists Named American Physical Society Fellows

Four BNL scientists were elected as Fellows of the American Physical Society (APS) for the year 2001. Representing more than 42,000 members from all around the world, APS promotes the advancement of the knowledge of physics, in the belief that an understanding of the nature of the physical universe will benefit all humanity. The APS also publishes the world's most prestigious and widely read physics research journals, such as *Physical Review Letters*. The scientists and their citations are listed below.

John H. Marburger III



John H. Marburger III — For his contributions to laser physics and for his scientific leadership as Director of Brookhaven National Laboratory. Marburger served as BNL Director from March 1998 to September 2001. He is now Director of the Office of Science & Technology Policy where he advises the President on all areas of science, from basic research to the training of scientists.

### Stephen G. Peggs



Stephen G. Peggs — For his important contributions to the study of nonlinear dynamical effects in accelerators and for his contributions to the successful design, construction, and operation of the Relativistic Heavy Ion Collider (RHIC). RHIC is the premiere facility in the world for nuclear physics research. Peggs, who is in the Collider-Accelerator Department, came to BNL in September 1992.

### Amarjit Soni



Amarjit Soni — For contributions to studies of CP violation in b decays and the computation of weak matrix elements on the lattice. Both lines of research are likely to be important in understanding the breakdown of a fundamental symmetry of the physical universe, called CP (C for charge conjugation, P for parity). Soni, who joined BNL in October 1989, is in the Physics Department.

### Masaki Suenaga



Masaki Suenaga — For pioneering studies of the properties that control the critical current density of both low- and high-temperature superconductors. Superconductors, below a certain temperature, conduct electricity without resistance. Electrical current will flow forever in a closed loop of such a material. Suenaga, Materials Science Department, joined BNL in July 1969.

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### Calendar

of Laboratory Events

- The BERA Sales Office is located in Berkner Hall and is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347; or Chris Carter, Ext. 2873.
- Additional information for Hospitality Committee events can be found at the Lollipop House and the laundry in the apartment area.
- The Recreation Building (Rec. Bldg.) is located in the apartment ar
- Contact names are provided for most events for more information.
- Calendar events flagged with an asterisk (\*) have an accompanying story in this week's Bulletin.

### **EACH WEEK**

#### Weekdays: Free English for Speakers of Other Languages Classes

Beginner, Intermediate, and Advanced classes. Various times. All are welcome. Learn English, make friends. See www.bnl.gov/esol/schedule. html for schedule. Jen Lynch, Ext. 4894.

### Mon., Tues., & Thurs.: Kickboxing

\$5 per class. Mon. & Thurs. noon-1 p.m. in the gym; Tues., 5:15-6:15 p.m. in the gym; Thurs., 5:15-6:15 p.m. in Brookhaven Ctr. Registration is required. Mary Wood, Ext. 5923, or wood2@bnl.gov.

### Mon., Tues., & Fri.: Tai Chi

Noon- 12:45 p.m., Rec. Bldg. Scott Bradley, Ext. 5745, bradley@bnl.gov.

### Tuesdays: Aqua Aerobics

 $5{:}15{-}6{:}15$  p.m. \$2 pool fee per class or use pool pass. Mary Wood, Ext 5923.

### Tuesdays: BNL Music Club

Noon, North Room, Brookhaven Center. Come  $hear\ live\ music.\ Joe\ Vignola,\ Ext.\ 3846.$ 

### Tuesdays: Welcome Coffee

10-11:30 a.m. Rec. Bldg. Hospitality event. Come and meet friends. The first Tuesday of every month is special for Lab newcomers and leaving guests. Hospitality Chair Monique de la Beij, 399-7656.

### Tuesdays: Toastmasters

Meetings are 1st and 3rd Tuesday of each month at 5:30 p.m. in Bldg. 463, Room 160. Guests, visitors always welcome. www.bnl.gov/bera/activities/toastmstrs/default.htm.

### Tuesdays & Thursdays: Aerobics

 $5{:}15{-}6{:}30$  p.m., \$4 per class. Rec. Bldg. Pat Flood, Ext 7886.

### Wednesdays: On-Site Play Group

10 a.m.-noon. Rec. Bldg. A infant/toddler drop-in event. Parents meet while children play. Svetlana Agafonova, 205-5065.

### Wednesdays: Farmer's Market

11:30 a.m.-1:30 p.m., Berkner Hall parking lot Wednesdays: Hispanic Heritage Club 11:30 a.m., Berkner Hall, Room D. All are welcome. Carmen Narvaez, Ext. 3254, or www.bnl.gov/bera/activities/hispanic.

### Wednesdays: Weight Watchers Noon-1 p.m., Brookhaven Center South Room. Mary Wood, Ext. 5923, wood2@bnl.gov.

Wednesdays: Yoga Practice

### Noon-1 p.m., Brookhaven Ctr. Free. Ila Campbell, Ext. 2206.

Wednesdays: BNL Ballroom, Latin & Swing Dance Club Lessons

5-9 p.m. North Ballroom, Brookhaven Center. Marsha Belford, belford@bnl. gov or Ext. 5053, or www.bnl.gov/bera/activities/dance.

Thursdays: Science Discussion Group 12:30-1:30 p.m., Berkner Hall, Room A or D. Patrice Pages, Ext. 3270, pages@bnl.gov.

### Fridays: BNL Social & Cultural Club

7-11:30 p.m., Brookhaven Ctr., social. Rudy Alforque, Ext. 4733, rudy@bnl.gov.

### September is Hispanic Heritage Month.

See 9/21 for an upcoming event.

### - THIS WEEKEND -

### Fri. & Sat., 9/20 & 21

RHIC & AGS Annual Users' Meeting

"Talking Turkey at RHIC: Beyond First Collisions" For more information, see www.bnl.gov/rhic\_ags/users\_meeting/.

### Friday, 9/20

#### **Hospitality Committee Holds Newcomers' Potluck**

5:30 p.m., Rec. Bldg. All visitors, guests, and their families are welcome. Bring a dish to share for six people. Monique de la Beij, 399-7656.

### Saturday, 9/21

### Atlantic City Bus Trip

Bus leaves the Brookhaven Center at 8 a.m. and returns at approximately 11:30 p.m. Tickets cost \$25. Andrea Dehler, Ext. 3347, or Chris Carter, Ext. 2873.

#### \*Spanish and Flamenco Music & Dance Concert

7 p.m., Berkner Hall. Buy tickets at \$10 per adult, \$5 per child under 12, at the BERA Sales Office. At the door, tickets cost \$12 per adult. For more information, call Ext. 3347.

### **Sunday**, 9/22

### Walk for Beauty

9:30 a.m., Stony Brook Village Post Office. All BNLers are welcome to participate in the 9th annual walk, which will benefit prostate cancer and breast cancer research. Kerry Mirabella, Ext. 2632, or mirabella@bnl.gov.

### **Tree Planting Follows Flag Ceremony** To Mark 9/11/01 at Brookhaven Lab

o commemorate the first anniversary of the Sep weeping cherry tree on the lawn in front of Berkner Hall on September 11, 2002. BNLers who attended the lunchtime event heard from Interim Director Peter Paul that, in addition to its role as a memorial to the past, the tree represents the (Above) BNL Interim **Director Peter Paul** by the memorial tree. (Left) Former Lab Director Maurice Goldhaber and other

energetic look forward that employees had immediately demonstrated by donating cash, blood, and other forms of support. After singing "God Bless America," attendees joined Paul in filling the hole around the tree. Earlier that morning, Interim Director Paul had spoken at a 10 a.m. ceremony at the Brookhaven Center flagpole, attended by employees in remembrance of the victims and rescue workers' heroism one year ago.

### **Summer Tanager Nest Spotted at BNL** A 'first' for New York State

im Osterlund of the Collider-Accelerator Department remembers the date well — June 22, 2002 — the date he spotted not one, but two, summer tanagers at BNL — an unusual sight in this area.

"I was in the woods doing the Moriches Bay Audu-

bon Society's (MBAS) annual breeding-bird census with my wife, who is an MBAS member, when we saw a male summer tanager in a location where we had seen one on June 8th," Osterlund said.

"Then, my wife heard the song of another summer tanager in the distance. It turned out to be another male. Eleven days later, on July 3, I saw a male summer tanager flitting around with a female in the area where we had found the second male," added Osterlund.

To share the news with a friend, Osterlund called Jim Clinton, a BNL retiree who has been birding for 30 years and is the field-trip leader for MBAS.

### A New York State 'First'

Clinton knew that the New York State Avian Records Committee (NYSARC), which was established in 1977 by the Federation of New York State Bird Clubs to compile and maintain the official list of the birds of New York State, had no accepted documentation that summer tanagers (Piranga rubra) had ever nested in the state. With this fact in mind, Clinton and Osterlund started visiting the site every day to seek evidence of a nest.

Then, on July 8, Clinton found proof of the tanagers' mating. He spotted a summer tanager nest about 12 feet up on a branch of an oak tree on the



north side of North Boundary Road on the BNL site.

"Three nestlings were poking their heads out," Clinton said. "I could see feathers and flashes of color on their bodies - reddish on the chin and around the base of the bill, pinkish skin on the back, and down feathers on their heads which stood erect like a punk haircut." As late as July 14th, he said, he saw both the male and female birds tending to this nest.

Nestling summer tanagers are ready to fledge from their nest in about ten days. Then, with the parents nearby for nearly three weeks, they develop their flying skills and learn to fend for themselves.

None of the young were observed leaving the BNL nest, nor were any found in areas surrounding the nesting site. It is possible that a predator, such as a crow, blue jay, or raccoon, took the youngsters. But there is an excellent chance that they survived and were just missed when surrounding areas were searched.

BNLers help fill the

hole around the tree.

Clinton will use his formal training in ornithology to complete the description of the birds and nest, which he will submit to NYSARC with photos and the names of others who sighted the birds. Clinton also encourages others who saw the birds to write to NYSARC.

### **Summer Tanager Specs**

To spot a summer tanager, it helps to know that the birds are about seven and three-quarter



At the tree which housed the summer tanagers' nest are: (from left) Jim Clinton, Tim Green, Diane Greenberg, and Jim Osterlund.

### Service Awards

The following employees celebrated BNL service anniversaries during August 2002:

| uuring August 200                   | 02.       |
|-------------------------------------|-----------|
| 40 Ye                               | ears      |
| Victoria McLane                     | ES&T      |
| 35 Ye                               | ears      |
| Charles Nielson                     | NSLS      |
| Hans Abendroth                      |           |
| 30 Ye                               | ears      |
| David Welch                         | Mat.Sci.  |
| Alexander Pendzio                   | ck C-A    |
| 25 Ye                               | ears ears |
| Harold Kirk                         | Physics   |
| John Hauser                         |           |
| Richard Savoy                       |           |
| Peter DeToll                        |           |
| Gene Sorensen                       |           |
| Elizabeth McBreer                   |           |
| John Nagy                           |           |
| Richard Eggert<br>Peter Schnitzenba |           |
|                                     |           |
| 20 Ye                               |           |
| Ahovi Kponou                        |           |
| Dollie Johnson<br>Rajeshwar Yadav . |           |
| Barbara Pierce                      |           |
| Thomas Langdon.                     |           |
| 10 Ye                               |           |
| Daniel Weiss                        |           |
| Nicholas Contos                     |           |
| Michael Trager                      |           |
| Ronald Prwivo                       |           |
| Mark Peragine                       |           |
| Federick Orsatti                    |           |
|                                     |           |



Radoslav Adzic ..... Mat. Sci. Tage Carlsson Jr. ...... Plant Eng.

Donna Russo ..... Medical

inches long, and the adult male has pinkish-red plumage, brightest on the breast. The adult female has an orangeyellow breast with an olive back and gray wings and tail.

The summer tanager typically breeds in the southeastern or southwestern parts of the U.S., and, in the east, nests have been spotted as far north as New Jersey. Vagrants have been seen in southern Canada. It is a migratory bird that winters from central Mexico through Central America and northern South America.

Blackberries, pokeweed, and mulberries, as well as insects such as caterpillars and mosquitoes, make up the summer tanager's diet, but this bird is unusual because it also eats bees and wasps. Sometimes it is attracted to fruit and hummingbird feeders in backyards.

### 220 Bird Species on Site

Tim Green, Environmental Services Division, said that some 220 species of birds, 85 of which have nested, have been recognized on the BNL site. Among the uncommon birds to visit BNL have been a dovekie, a swallow-tailed kite, and a golden eagle. This summer, nesting ruby-throated hummingbirds were also observed, and an osprey's nest was spotted on the cell phone tower next to the Brookhaven Center

Osterlund, who has been a birder since 1988, travels the site every day at lunchtime and during breaks in search of an unusual find. "While Jamaica Bay Wildlife Preserve is the best spot on Long Island for bird watching, BNL is the secondbest place," he concluded.

- Diane Greenberg

### Walk to Aid Cancer Research, 9/22

This Sunday, September 22, bring your friends and family to walk with the BNL team at the 9th annual Walk for Beauty to help support breast and prostate cancer research. Meet at the Stony Brook Village Green for the 9:30 a.m. kickoff. If you have not signed up yet, go to http://dev.bnl.gov/diversity/women for information and a sign-up sheet. Or contact Kerry Mirabella, Ext. 2632 or Mirabella@bnl.gov.

### Join in a Bronx Zoo Trip, 10/5

The Hospitality Committee invites all BNLers to join a bus trip to the Bronx Zoo on Saturday, October 5. The cost for the bus is \$10 for adults and \$8 for children ages 2-12. An additional entrance fee must be paid at the zoo. The bus will leave the Recreation Hall at 9 a.m. and leave the Zoo at 5 p.m. For more information and reservations, call Sarah Paul, 776-2349.

### Long-Term Care Planning Seminar, 9/24

American Express Financial Advisors, Inc., will discuss "What You Need to Know About Long-Term Care Planning," next Tuesday, September 24, at noon in Berkner Hall, Room B. Topics will include types of nursing home care, alternative options to a nursing home, Medicaid income limits, gifting and look-back periods, spouse's financial responsibility, options to protect your estate, gift assets to individuals/trust, and life estate planning. For more information, contact Joyce Wund, Ext. 7516 or jwund@bnl.gov.

### Join Aerobics, 9/24 Weight Watchers

Room.

cepted.

Weight Watchers At Work is

a program that meets the needs

of busy, working people. Many

previous participants have found it easy to sign up and sign

off unwanted pounds. Registra-

tion at BNL will be held at noon

on Wednesday, September 25, at

the Brookhaven Center South

weeks, depending on the num-

ber of participants. The first class

will start on Wednesday, Octo-

ber 2. For more information,

contact Mary Wood, Ext 5923 or

BERA will sponsor a Book

Fair in Berkner Hall on Thurs-

day and Friday, September 26 &

27, 10 a.m.-3 p.m. Books will be

fun reading, ranging from

children's stories to cookbooks

to New York Times best-sellers.

New, hardcover books will be in stock and sold at up to a 70 per-

cent reduction. Some gift items

will also be available. Credit

cards and checks will be ac-

**Retirement Counseling** 

Andrea Dehler, Ext. 3347.

For more information, call

A TIAA-CREF representative

will visit BNL on Thursday and

Friday, September 26 and 27, to

answer employee's questions re-

garding the TIAA-CREF retire-

ment plan. You might ask

about: TIAA and CREF differ-

ences, allocating funds between

TIAA and CREF, options and

flexibilities with TIAA/CREF,

pointment, call Duane Walden,

(800) 842-2733, Ext. 7289 (not

To arrange a 45-minute ap-

and retirement options.

the on-site Ext. 7289).

**Book Fair, 9/26-27** 

wood2@ bnl.gov.

The fee is \$89 for ten or more

The BERA Aerobic Dance & Stretch Club will begin a new session of classes on Tuesday, September 24, in the Recreation Hall in the apartment area. All are welcome; no prior experience is needed.

Aerobic dance will be held on Tuesdays and Thursdays at 5:15 p.m., at \$4 per class or \$35 for any ten classes, with one makeup class. For more information, call Pat Flood, Ext. 7886, or Susan Monteleone, Ext. 7235.

### **Grief Counseling**

Employees who experience psychological distress caused by stress or other difficulties are invited by the clinical psychologists of the Employee Assistance Program to make a confidential appointment. Call Ext. 4567.

### Arrivals & Departures

### Arrivals

| Rakhi Agarwal | Biology   |
|---------------|-----------|
| Jian Wang     | Env. Sci. |
| Tomasz Wlodek | Physics   |

### **Departures**Herman

Gregory Herman ........... Rad. Ctrl. Michelle Herman ....... Staff Svcs.

Note: Kimberly Mayer, who joined the Biology Department last week, was inadvertently entered as Kimberly Meyer.

### **Radio City Show**

Buy tickets at the BERA Sales Office in Berkner Hall for the Holiday Extravaganza at the famous Radio City Music Hall in New York City, on Sunday, December 1. At \$99, tickets include orchestra seats for the noon show and bus transportation. There will be free time in the Rockefeller Center area to shop or snack. The bus will leave BNL at 9:30 a.m. and return at 5:30 p.m.

### **Softball Champs 2000**



In League E2, Team Sure Fire aimed high and beat the competition with team members: (from left) Frank Trapani, Jim Lacy (co-captain), and Anthony Mantone. Not present are: Dan Carneiro, Tom Carroll, Bob Danowski, Joe DeVoe (captain), Dave Dono, Dwayne Eleazer, Arty Harris, Gary Heyman, "Izzy" Izzo, Phil Marino, Boyze Singh, and John Willi.



The OER Wellheads went well ahead and won in League M1. They include: (back, from left) Brian McCaffrey, Keith Klaus, Chris Ogeka, Bill Dorsch, Captain Jason Remien, Scott Smith, Marty Meriwether, and Pete Genzer; (middle, from left) Bob Howe, Michelle Pizzulli, Marcia Allocco, Kelly Smith, and Carlee Ogeka; (front) Alain Domingo and Barbara Moebes. Not present are: Michael Cowell and Doreen Fitzsimmons.



The Sand Lot team dug deep and claimed victory in League M2. Team members are: (back, from left) John Addessi, Jack Barry, and Al DellaPenna; (middle, from left) Lou Adessi, Ed Sperry, JoAnn Reed (MVP), Nancy Concodoro, Tracy Blydenburgh, Debbie Bauer, Louie Nieves (MVP), and Claudia Jones; (front, from left) Captain Susan Cataldo and Kelly Smith. Not present are: Christine Brakel, John Burke, Sonny Dimaiuta, Mike Furey, Joe Gormley, and Jennifer O'Connor,



The Blue Jays, formed 40 years ago in 1962, were happier than larks in flying to their fourth straight League E-1 championship. They include: (back, from left) Bobby Medina, Paul Infranco, Chris Ingoglia, Larry Musso, Jay Caruso, Bob Hernandez, and Gerry Shepherd; (middle, from left) Deanna Reynolds, Jim Rowehl, Tirre Farmer, Eric Kramer, Pat Browne with daughter Casey, Allen Jones with daughter Jacklyn; (front, from left) Lenny Campione, Ed Gavin, and Michael Infranco. Not present are: John Dibiase, Bill Fox, Keith Greiner, Dennis Hall, and George Oldham.

### **Calendar**

(continued)

— WEEK OF 9/23 —

### Monday, 9/23

### IBEW Meeting

6 p.m., Knights of Columbus Hall, Railroad Ave., Patchogue. A meeting for shift workers will be held at 3 p.m. in the union office. The agenda includes regular business, committee reports, and the president's report.

### Tuesday, 9/24

#### **Retirement Planning Seminar**

Noon. Berkner Hall. American Express Financial Advisors, Inc. will present "What You Need to Know about Long Term Care Planning." Check your mailbox for registration forms. Joyce Wund, Ext. 7516, jwund@bnl.gov.

### Wednesday, 9/25

### **ENCON Applied Polymer Systems Demo**

9 a.m.-3 p.m., Berkner Hall. Representatives from ENCON Northeast will demonstrate advanced polymer repair/coating systems, fiberglass systems, and other project services for maintenance needs. For more information, contact ENCON at 842-6500

### Thursday, 9/26

### T-Mobile Demo

10 a.m.-2:30 p.m., Berkner Hall. A representative will present BNLers with special rates on wireless phone and data services including free nights and weekends on select plans. Richard Goll, 516-343-5900.

### BERA Softball League Party

6-10 p.m., East Wind Caterers, Wading River. Sue Cataldo, Ext. 4461, cataldo@bnl.gov.

### Thurs. & Fri., 9/26-27

#### **BERA Book Fair**

10 a.m.-3 p.m., Berkner Hall. Credit cards and checks accepted. Andrea Dehler, Ext. 3347.

### — WEEK OF 9/30 —

### Thursday, 10/3

### BERA Bridge Club

7 p.m., Brookhaven Ctr., South Rm. Morris Strongson, Ext. 4192, mms@bnl.gov.

### Thursday - Friday, 10/3-4

### Pine Barrens Research Forum

Berkner Hall. This year, the 7th annual forum will focus on problem species. Paper presentations are scheduled on Thursday from 8 a.m. to 5 p.m. and field trips to the Fire Island National Seashore and the Peconic River Pilot Projects are planned for Friday. For more information, contact Tim Green, Ext. 3091, tgreen@bnl.gov.

### Saturday, 10/5

### Bronx Zoo Bus Trip

\$10 per adult, \$8 for children ages 2-12. Additional entrance fee must be paid at the zoo. Bus leaves the Rec. Bldg. at 9 a.m. and departs the zoo at 5 p.m. For more information and reservations, contact Sarah Paul, 776-2349.

### **Defensive Driving**

9 a.m. to 3:30 p.m., Berkner Hall, Room B. The course is open to BNL, BSA, and DOE employees, BNL facility-users and guests, and their families. To register, send a check by September 27 for \$26 per person, made out to Empire Safety Council, in care of Scott Zambelli, P.O. Box 670, Mount Sinai, NY 11766. Include your telephone number in case you need to be contacted.

### — WEEK OF 10/14 —

### Wednesday, 10/16

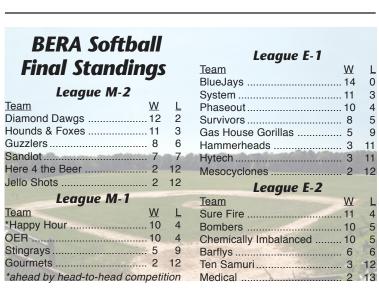
### Retirement Planning One-on-One

Vanguard Group is on site 9 a.m.-5 p.m. to meet one-on-one with Lab personnel on financial issues. To schedule your 30-minute session, call Vanguard, 1-800-662-0106, Ext. 69000.

### 377th Brookhaven Lecture

4 p.m., Berkner Hall. Elio Vescovo, National Synchrotron Light Source Department, will give the next lecture on the topic of magnetism in ultra-thin films.

Note: This calendar is updated continuously and will appear in the Bulletin whenever space permits. Submissions must be received by the preceding Friday at noon to appear in the following week's Bulletin. Enter information for each event in the order listed above (date, event name, description, and cost) and send it to bulletin@bnl.gov. Write "Bulletin Calendar" in the subject line.



### **BERA Hispanic Heritage Club Presents Concert**, 9/21 Spanish Flamenco

The BERA Hispanic Heritage Club will present a Spanish Classical and Flamenco Concert at Berkner Hall on Saturday, September 21, at 7 p.m., featuring the Sol y Sombra Spanish

Dancers. The dancers will be accompanied by live music and singers.

Buy tickets in advance today at the BERA Sales Office, Berkner Hall, \$10 for adults, and \$5 for children. Adults at the door will pay \$12.

### Classified Advertisements

#### **Placement Notices**

The Lab's placement policy is to select the best-qualified candidate for an available position. Candidates are considered in the following order: (1) present employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present employees within the Laboratory; and (3) outside applicants. In keeping with the Affirmative Action Plan, selections are made without regard to age, race, color, religion, national origin, sex, disability or veteran status. Each week, the Human Resources Division lists new placement notices, first, so employees may request consideration for themselves, and, second, for open recruitment. Because of the priority policy stated above, each listing does not necessarily represent an opportunity for all people. Except when operational needs require otherwise, positions will be open for one week after publication. For more information, contact the Employment Manager, Ext. 2882; call the JOBLINE, Ext. 7744 (344-7744), for a list of all job openings; use a TDD system to access job information by calling (631) 344-6018; or access current job openings on the World Wide Web at www.bnl.gov/HR/jobs/default.htm.

**OPEN RECRUITMENT** - Opportunities for Laboratory employees and outside candi-

MK2839. ASSISTANT LABORATORY DI-RECTOR, ENVIRONMENT, SAFETY, HEALTH AND QUALITY - Reporting to the Laboratory Director, will manage and operate the Environment, Safety, Health, and Quality Directorate (ESH&Q) providing overall leadership, strategic direction, personnel development, and oversight to ensure full implementation of all Directorate responsibilities, accomplishment of all Directorate objectives and satisfaction of all Directorate customers. Will provide effective and efficient stewardship of the ES&H Excellence Critical Outcome and the Integrated Assessment Objective under the Leadership Critical Outcome on behalf of the Laboratory as a whole and support the remaining Critical Outcomes, Objectives and Performance Measures of the Laboratory as expected and assigned. Will participate as an active and productive member of the Policy Council, Management Council, Operations Council, and other Laboratory councils or committees as assigned. He/she will develop the overall vision, mission, strategies, and direction for the ESH&Q Directorate to achieve assigned objectives and will have oversight responsibility for the safe and environmentally sound operation of the Laboratory site. Requires an advanced degree, a Ph.D. is preferred, and a distinguished career in the environment, safety and health field, accompanied by proven success in management within a research and development facility, and excellent and interpersonal skills. Extensive knowledge and experience working within the Department of Energy and regulatory agencies such as NRC and OSHA highly desirable. Director's Office.

NS2727. CHEMISTRY ASSOCIATE IV (P-1) - Requires a BS in a physical science, an understanding of the basic principles of nuclear magnetic resonance (NMR) science on at least the undergraduate level, and computer skills. Experience with experimental NMR science is highly desirable. Responsibilities will include the acquisition and analysis of Na MRI data, the analysis of the effects of contrast reagents (CRs) on H<sub>2</sub>O MRI data and the synthesis and testing of new compounds that may serve as novel MRI CRs. In addition, will be involved in the design of new RF and field gradient pulse sequences for MRI studies, test new pulse sequences and CRs by experimental studies of inanimate phantom samples. Chemistry Department.

### **Motor Vehicles & Supplies**

00 LINCOLN TOWN CAR - a/c, all power, 40K mi., mint, loaded, many options, \$24,500. Rosalie, Ext. 3160 or 289-5704.

00 MERCURY MYSTIQUE LS - silver w/grey leather int., a/t, a/c, all power, , tinted windows, power sunroof, spoiler, 33K mi., \$11,000 neg. Rachel, 767-2380.

98 PLYMOUTH NEON - a/t, a/c, p/s, 54K mi., good cond., runs well, \$4,500. Ext. 2734. 97 FORD RANGER XLT - a/c, ABS, am/fm/ cass./CD player, 55K mi., long bed, excel. cond., \$6,500. Chuck, Ext. 2705.

97 NISSAN 300Z - 6-cyl., hi-perf., 5-spd., ttops, \$1,500. Frank, 277-0464.

96 CHEVY LUMINA - 4-dr., a/c, p/w, p/l, new tires, runs well, looks good, 120K mi., \$2,200. Kevin, Ext. 4639 or 878-4285.

96 CHEVY PICKUP S-10 - a/t, a/c, p/s, p/b, 61K mi., bed mat, T-cover, tow hitch, tinted glass, 2 stage multi leaf springs, excel. cond., \$6,750. Peter, Ext. 5282.

96 HONDA ACCORD - 5-spd., a/c, p/s, p/b, am/fm/CD, dealer maint., new timing belt, 103K mi., \$6,200 neg. Terry, Ext. 2840.

96 HONDA CIVIC EX - red, a/c, p/s, p/w, 100K mi., CD player, sunroof, excel. cond., \$5,500. Paul, 472-2238.

95 DODGE GRAND CARAVAN - a/t, a/c, p/ s, p/b, p/w, 90K mi., good cond., \$4,500, good cond. Raymond, Ext. 8287 or 727-6818.

95 KAWASAKI KX125 - new plastics and gaskets, runs well, many extras, \$2,200. Chas, Ext. 5462 or 288-2080.

95 SATURN SL2 - 5-spd., manual, 4-dr., 4cyl., all power, 128K mi., excel. cond., blue book value \$3175, ask. \$3,000.744-0026. 94 HONDA CIVIC - blue, 5-spd., 4-dr., 138K

mi., v.g. cond., 35 mpg, new tires & brakes, \$3,500. William, Ext. 5353 or 286-7777. 94 MERCURY COUGAR XR7 - 80K mi., very clean, \$3,500. Herman, 744-7069.

94 MERCURY GRAND MARQUIS LE - a/t a/c. all power. 94K mi., fully loaded, excel. cond., \$5,000. Rocky, 516-561-9580.

94 OLDSMOBILE ACHIEVA - 4-dr., 33,300 mi., a/t, a/c, excel. mech. cond., very clean, \$3.200. Phil 363-2070.

94 PLYMOUTH VOYAGER - a/t, a/c, p/s, p/ b, 140K mi., tinted windows, heavy duty suspension, excel. cond., \$3,750. Mark, Ext. 3172 or 281-5060.

94 VOLVO 940 - orig. own., garaged, excel. cond., \$6,500. Ext. 2347 or 929-6442.

93 FORD ESCORT SW - 5-spd., a/c, p/s, p/ b, cruise, 105K mi., economical, runs well, looks good, blue book value \$2,155, ask. \$1,800. Tom, 286-2505.

93 FORD EXPLORER XLT - all power, 93K mi., needs motor, rebuilt tranny, new rotors, radiator, exhaust, \$2,000. Joseph, Ext. 4259. 92 CADILLAC SEVILLE - dk. blue, grey leather int., a/t, a/c, all power, 102K mi., outstanding cond., garaged, can e-mail pictures, \$3,700. Joe, Ext. 2186.

92 CHEVY CONVERSION VAN - 350, V8, 189K mi., runs well, good cond., just inspected, TV, VCR, p/w, p/l, front & rear a/c, heat, good tires & brakes, \$2,000. Dave, Ext. 5789.

92 FORD TAURUS - a/t, a/c, p/s, 160K mi., cruise, runs well, must sell, \$800. Ext. 4375. 92 MAZDA PROTEGE - 5-spd., a/c, p/s, p/ b. 168K hwy. mi., good cond., very reliable, maint. records avail., \$1,800. Jae, Ext. 4317. 92 PONTIAC GRAND AM- a/t, a/c, p/s, 130K mi., sunroof, \$1000. Adam, Ext. 5830.

91 MERCURY TRACER LTS - a/t, a/c, p/s, p/b, 114K mi., 1.8 L DOHC, runs well, looks good, \$1,500. Austin, 363-2796.

91 PONTIAC FIREBIRD - red, 5-spd., a/c, all power, 129K mi., spoiler, orig. own., \$2,200. Rosemary, Ext. 3251.

91 NISSAN SENTRA - 5-spd., 127K mi., \$1,000. Matei, Ext. 5752 or 1069.

91 TOYOTA CELICA - 5-spd., a/c, 164K mi., well maint., looks good, runs excel., \$1,600. Alex, Ext. 5024 or 924-1866.

90 CHEVY CAVALIER - 2-dr., 4-cyl., auto., p/s, new tires, runs good, ask. \$625. Paul, 929-4738. 90 FORD BRONCO II XLT- 4wd, p/s, p/w, 6cyl., runs well, could use a tune-up, \$1,750. Judi, Ext. 7430 or 286-6492.

90 HONDA CIVIC DX SEDAN - red, good cond., runs well, new exhaust system and rear brakes, 115K mi., \$2,000. Nicholas, Ext. 2490 or 286-1816.

90 JEEP CHERON 111K mi., 6-cyl., 4wd, runs well, good cond., \$1,750.878-3741.

90 NISSAN SENTRA - a/c. 147K mi.. 4spd., am/fm/CD player, good cond., \$750.

90 OLDSMOBILE ROYALE - 4-dr., 6-cyl., a/ t, a/c, p/b, p/w, 131K mi., cruise, am/fm/cass., good cond., orig. own. Michelle, 722-3967. 90 TOYOTA CAMRY - a/t, a/c, p/w, 161K mi., orig. own., \$1,500; wheels, 15", off '00 Toyota

89 VOLVO 740 WAGON - a/t, a/c, all power, 146K mi., good cond., safe, reliable trans., third seat, \$3,400. Chris, Ext. 2024 or 395-6112.

Celica, 4/\$20. Ext. 5648.

87 CHEVY CAPRICE - V8. p/w. p/s. a/c. well maint., excel. cond., \$1,000. Steve, Ext. 4211. 86 CHEVY C-10 PICKUP - V6. 157K mi.. 75K mi. on motor, runs well, good work truck, \$1,800. Ben, 366-5106 after 4:00 p.m.

86 CHEVY NOVA - 5-spd., 130K mi., runs well, good transportation, \$500 obo. Marc, 874-4101.

85 CHEVY S-10 - 4x4, painted recently, bedliner, am/fm, good exhaust, brakes & tires, 85K mi., \$1,600. Tirre, Ext. 3288 or 281-0360.

85 MERCEDES - turbo diesel, outstanding diesel engine, maroon, excel. cond., ga raged, orig. owner, 114k mi., \$6,000. Ext. 2004 or 751-3062.

84 DODGE 600 TURBO CONVT - all power, \$1,000 obo. Paul, 273-6796.

82 CHEVY PICK UP - a/t, 82K mi., one ton 4wd, heavy duty ladder rack. William, Ext. 3783 or 281-0565

77 PONTIAC FIREBIRD - 63k mi., good cond., \$3,000. Joe, 744-7069.

70 RUPP ROADSTER MINIBIKE - v.g. cond., \$850. Ext. 7430 or 286-6492 eves

ROOFTOP CARRIER - Sears X-cargo rooftop carrier, costs \$100, ask. \$35. Ken, 281-5565. TIRES - 4 new Michelin, 195-65-15 M&S, MXV4+XSF, cost \$114/ea., ask. \$200/all. Dennis, 878-0071.

99 HYUNDAI ACCENT - 5-spd., 43K mi., keyless entry, 17/17 manufacturer warr., \$4,200; 93 FORD TAURUS GL - auto., 134K mi., all power. \$750. Xin, Ext. 6263.

98 NISSAN QUEST - new tires, excel, cond., many features, \$8,500. Tony, Ext. 3194.

96 CHEVY CAVALIER - black, a/t, a/c, p/s, p/b, 123K mi., tinted windows, 10 CD changer, well maint., one own., excel. cond. \$2,600. Maria, Ext. 7525.

96 SATURN SC2 - 5-spd., a/c, p/s, p/b, 90K mi., drk. green, drives & looks new, always Saturn serviced, must see, 2 mi. from BNL, \$5,000. Bill, 924-3641.

96 TOYOTA 4 RUNNER - 4wd, a/t, a/c, abs., CD player, 76K mi. \$15,000. Gloria, 287-8677. 95 NISSAN ALTIMA GXE - all power, 93K mi., good cond., \$3,200. Hal, 516-241-8464.

94 PLYMOUTH ACCLAIM - a/t, a/c, 100K mi., \$1,000. Vladimir, Ext. 3046. 93 HONDA ACCORD - 130K mi., 5-spd., 2dr., excel. cond., \$3,600. George, 878-1178.

93 MAZDA 626 ES - leather int., 113K mi., \$2,200 neg; '87 Ford T-Bird, good cond., 91K mi., \$1,200 neg. Jim, 928-0397. 92 CADILLAC ELDORADO - green, tan

leather int., 108K mi., fully loaded, auto., \$5,500, 716-1308. 91 MAZDA 626 DX - a/t, a/c, p/s, p/b, 120K

mi., cruise, runs well, \$2,000 neg. Lynn, Ext. 3813 or 345-9046. 85 RENAULT ENCORE - 230K mi., runs, needs

work, \$200. Scott, Ext. 7110 or 874-3652.

BIKE RACK - SportRack, new, for up to 3 bikes, fits most cars, never used, \$40. Stephen, Ext. 3822 or 929-6527.

MOPED - Sundiro Mantis II, brand new, 50cc, \$900. Joann, Ext. 7009.

### Furnishings & Appliances

AIR CONDITIONER - clothes dryer, dehumidifier, cordless phone, television, refrigerator, microwave, heaters, moving west. 516-909-3234. BATHROOM SINK - white, cast iron, American standard, wall mount, faucets and drain incl., excel. cond., \$40. Annmarie, 878-8967. BEDFRAME - adjustable, metal, \$20. Ext. 4474. BEDROOM SET - king-size headboard and bed frame, dresser, double mirror, all matching in dark pine, \$75. Pete, Ext. 3174 or 476-8371.

BEDROOM SUITE - 3-pc. Ashley Stuart, maple, double dresser, mirror, bedside chest, \$300; sectional, 4-pc. incl. sofa/sleeper, \$150; 3-pc. wall unit w. bookcases, \$150. Peter, Ext. 3535 or 684-2372.

BUNK BEDS &DESK - bunkbeds with side rail and ladder, underbed storage unit and desk, mint cond., \$600/all. John, 473-9114. CHAIRS - 2 blue wing back, \$25/ea.: chandelier, 6 lights, brass & glass, \$30. 369-9772

CHANGING TABLE & CRIB - oak changing table w/drawers & crib, v.g. cond., \$250. Lisa, 924-2803.

CHEST OF DRAWERS - antique claw foot w/ lg.. mirror, needs refinishing, \$50 obo; inlaid toybox, \$5; full size table tennis table. 744-2816. CHINA CLOSET - 60"l x 79"h x 17"d. medium pine, good cond., \$145 neg.; dresser, 6 drawer, 57"l x 34"h x 18"d, light oak, good cond., \$135 neg. Ext. 5265.

COUCH - \$150; stuffed chair, \$125; grill, \$40; Ig. Sony speakers, 200 watts, \$40. Ron, Ext. 4363.

DINING ROOM TABLE SET - glass table, four chairs, \$400. 924-6475.

DINING ROOM SET - Thomasville, incl. table, buffet/curio, 6 chairs, server, good cond. \$1,000; Lane Hope Chest, oak, excel. \$65; MLU oak table & chairs, solid oak parquet table w/4 chairs, excel. cond., \$225. Sharol, 474-4139.

DINING ROOM SET - med. oak, table w/ leaves (opens 90"), 6 chairs, 2 arm, 4 side, lighted china closet, glass shelves, 2 pc., \$350. Donna. Ext. 2542.

DINING ROOM SET - table, hutch, 4 chairs, woodgrain w/glass and leaf rectangular Lisa, 924-2803.

DISHWASHER - Whirlpool under the counter dishwasher, \$100 obo; computer desk, \$100. Tom, Ext. 3085 or 744-4535.

FUTON/BUNK BED - bottom full size futon couch/bed, upper is twin size, black metal frame w/ladder, great for kids, needs new twin mattress, \$75. Robert, 929-3347.

LIVING ROOM FURNITURE - cream couch. 2 gray chairs, brass/glass tables, drapes, antique walnut leather top tables, custom southwest end table, twin headboard, bedframe, bunk bed. Nancy, Ext. 4303 or 878-5449.

LIVING ROOM FURNITURE - couch, queen sized hide-a-bed, \$250; entertainment center, \$150; wood grain metal bookcase w/glass doors, \$25; coffee table, \$100, Marty, 874-3478.

MARLBORO STORE FRONT SIGN - sign is fully lit, approx. 4.5'L x 2.5'W, black lacquer frame, approx. 2" thick, excel. cond., \$50, Debbie, Ext. 8276 or 776-0188.

MICROWAVE CART - tile top, 1 small lower cabinet, oak laminate trim, good cond., \$25. Kathy, Ext. 3926.

REFRIGERATOR - and under the counter dishwasher, both work well, bisque color. Jim, Ext. 5993 or 929-5993.

ROI L TOP DESK - solid dark stained pine, 54" wide, \$125; tv/music stand, \$25; colonial ice box cabinet, \$50. Ext. 3535 or 689-2372.

SECTIONAL COUCH - light blue, small pattern, Ig.. sectional couch, custom made, excel. cond., \$500. Debbie, Ext. 2883.

SELECT COMFORT BED - queen size, 11/2 years old, orig. price \$1,100, ask. \$550. 363-7569. SOFA & LOVESEAT - Rowe 7-way hand tied.

like new, 1 year old, must see, \$500/both. Ken, 281-5565. SOFA & LOVESEAT - contemporary, light

beige tweed, blue & white pastel colors, good cond. Lisa, 924-2803. TV/AUDIO CABINET - ivory lacquer and glass,

low profile, \$100. Ext. 3535 or 689-2372 WASHING MACHINE - GE heavy duty, works well, 12 years old, \$42.50. Biays, Ext. 2946. BED - mattress & frame, old, good cond.,

you pick up. Gina, Ext. 7922. CRIB & CHANGING TABLE - Simmons light pine crib and changing table, like new. \$125. Bill, 286-7777.

DESK - new executive desk traditional, 4 drawer, light wood, oak, \$100; leather managers chair, new, high black adjustable twin wheel casters, swivel tilt, \$80. Diana, Ext. 3681 or 399-3910.

MAGAZINE RACK - drk. wood, \$10; drk. pine china cabinet, \$100; etched glass hanging lamp w/mauve trim, \$40. Donna, Ext. 2716 or 878-2425

REFRIGERATOR - Amana, 20 cu. ft., bottom freezer, bisque color, excel. cond., \$200; dishwasher, limited edition, Kenmore, v.g cond., needs bottom rack, \$50. 924-7476. WATER BEDS - (2), one king and one double, \$55. Jack, 874-4049.

### Audio, Video & Computers

ABC MOBILE SURGE PROTECTOR -PNotePro3 for laptops w/3 prong power cords (IBM, Dell, etc.), warranty for any electrical damage to your laptop, \$10. Greg, Ext. 5440 or 821-5948.

COMPUTER COMPONENTS - assorted hard drives, disk drives, keypads, mice, all used, 2 large boxes, \$75/all. Susan, Ext. 5979.

HI-FI SET - solid state component, tuner cassette player/recorder, amplifier, 2 large speakers, \$50 obo. 744-2816.

### Tools, House & Garden

LAWNMOWER - Sears, 8 h.p. golf cart style, works well, attachments, \$300. Frank, 277-0464.

TREES - white pines, to 5', \$3/ft, Alberta Spruces, to 4', \$5/ft., Hydrangeas, lace top, 3 yr. old, \$5/ea, all nursery grown. 744-5867. WHOLE HOUSE FAN - 30", works well, \$100. Andrew, Ext. 7014 or 281-8274

### Sports. Hobbies & Pets

AQUARIUM - 55 gal., tank, iron stand, light, various accessories, best offer. Maurice, Ext. 2159 or 331-7048.

BICYCLE - boys 10-spd., \$5. 744-2816. FISH TANK - 30 gal. w/3 filters, heater, air pump, cover & light, \$150. 467-8297 or 804-9454. FISH TANK - 125 gal., wood stand, light, \$150; 10" Makita chop saw, \$100. Guy. Ext.

MOUNTAIN BIKE - men's Trek 26". 21 spd., w/toe clips, white & blue, \$75. Jim, Ext. 2432 or 821-9178.

2214 or 208-3875.

NORDIC FLEX - 3 adjustable cable settings, good cond., works whole body incl. abs., best offer, Kathy, Ext. 3926.

NORDIC TRAC PRO MODEL - excel. cond., must sell, \$225 obo. Joann, Ext. 7459. TREADMILL - Pro-form, manual incline, \$200

obo. Patrick, Ext. 4265. GOLF CLUBS - iunior set, incl. 4 irons, 2 woods, putter & bag, \$40. Jeff, Ext. 5587.

SCUBA TANKS - two black 80 cu. ft. Luxfer scuba tanks, each one year old, both in hydro and visual inspection, with boot, \$115/ ea. Carl, Ext. 4420.

SOCCER CLEATS - children's size 13, Mitre and 1 Adidas, new cond., \$10/ea. Steven, Ext. 7570.

TROMBONE - Yamaha, excel. cond., almost brand new, w/case, \$750. Maryann, Ext. 4705 or 929-4978.

ARTIFICIAL CHRISTMAS TREE - 7 ft., easy to assemble, 6 years old, originally \$200, ask. \$25. Linda, 281-2463.

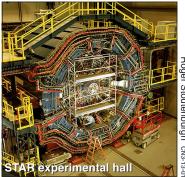
\$40; airbrush & compressor, incl. supplies, like new, \$75; generator, 4000 watt, like new, cost \$435, ask. \$150. 929-4741.

PLYWOOD - 1/2" 5 ply plywood, 4 sheets, \$10. Mike. 281-5160. TELESCOPE - Meade, 6 in. Dobsonian, \$300:

rocking glider, \$20; slide projector, \$15; Graco car seat base, \$15; high chair, \$5. 821-4602. TODAY'S KIDS WELCOME HOME HOUSE - Ig.. outdoor playhouse, excel. cond., \$150. Sharol, 474-4139.

### **Get to Know Your Lab!**

### Visit STAR, RHIC Today, at Noon



Employees, facility users, retirees, and their families are invited to visit the tunnel of the Relativistic Heavy Ion Collider (RHIC) and one of RHIC's large detectors, STAR, today, Friday, September 20, on a lunch tour organized by the Community Involvement Tour Program.

Meet at the upper lobby of Berkner Hall at noon. Parking is limited, so participants are asked to take the BNL van provided. The tour will return to Berkner Hall by 1 p.m. Call Elaine Lowenstein, Ext. 2400, for more information.

TRENCH COAT - London Towne, men's small, worn once, w/zip lining, \$15. Peter, Ext. 2913. VIOLIN - 3/4 size Sherl and Roth, German. Cindy, 874-3652.

DOLL - Native American mother & child, sitting at loom, \$5. Morris, Ext. 4192.

LOVESEAT - matching end tables, \$25; Corona kerosene heater, \$20; double cassette player, \$15; air hockey table, \$15. Louise, 475-6056.

TICKETS - MET opera balcony tickets for Lucia Di Lammermoor, 11/21, w/bus from North Shore Public Library. Ext. 7761.

### Free

CLOTHES DRYER - works, elec. 744-2816. COLOR TV - 25" SONY color TV, works well, no remote. Steve, Ext. 5437.

FLUORESCENT BULB - 16" (40W). Morris, Ext. 4192.

POOL LADDER - plastic, good cond. Steve, Ext. 5437. SAILFISH - sails all parts, needs refurbishing. Bruce, Ext. 4332 or 286-2114.

FLUORESCENT BULB - 16", circular; dual deck VCR, needs work; Grace Lee Whitney's post Star Trek book. Morris, Ext. 4192.

GLUCOMETER - diabetes care system, never used. Robin, 744-3902. POPUP CAMPER - sleeps 5, needs some

### work. Mitch, Ext. 5340 or 821-9028. Yard & Garage Sale

EAST MORICHES - 9/21 & 9/22, 9 a.m. to 5 p.m., 28 Smith St. 878-1580.

HOLBROOK - multifamily garage sale, furniture, household items, sports equipment, children's clothing, toys, 250/254/265, Thunder Road, 9/21 & 9/22, 9 a.m. to 4 p.m. Ext. 2815. SOUND BEACH - multifamily, Curtis Drive, between New York & Syosset Ave., 9/21 & 9/22, rain dates 9/28 & 9/29, 10 a.m. to 4 p.m., too much to list. Ext. 5053.

### Wanted

HOME FOR YOUNG CAT - very friendly, playful, healthy, fixed male, all shots, 929-8165. RAILROAD COLLECTIBLES - china, silverware, hardware, photos, timetables, trains, cast metal toys, high cash paid, also have some sets for sale. Bruce, 924-4097.

RESEARCH VOLUNTEERS - healthy nonsmoking men and women, ages 18 and over are needed for MRI study. Strictly confidential, fee provided. 344-2773.

STUDENT OBOE - in good cond. Sarah, 821-2602

### **Happenings**

DAEDALUS QUARTET - Mendelssohn, Ravel, Mozart played in gala concert, Tues., Oct. 15, at 7:30 p.m., at Bellport High School. Award-winning group played in BNL noon recitals. \$15, adults; \$5, students.

HUMOROUS SPEECH CONTEST - 9/17, 5:30 p.m., Bldg. 463, Room 160, hosted by BNL Toastmasters Club, guests are welcome.Benny Hooda, Ext. 8107, bhooda@bnl.gov, or the BNL Toastmasters website.

### In Appreciation

TO ALL MY FRIENDS AT BNL - my family and I would like to thank all of you for your sympathy and generosity at our time of sorrow for the loss of my brother Anthony. - Jim Mungo and Family

Ads left out of the Bulletin will appear next week. Service ads are on the Web (see address below) or call Tiffany Minter, Et. 2345.



AIR BED - twin size, blue, new, must sell.

BREAD & DOUGH MAKER - Oster, like new.

