

Pioneering Physicist John Ellis To Speak on 'Answering Gauguin's Questions,' 5/26

John Ellis, a theoretical physicist from CERN, the European laboratory for particle physics in Geneva, Switzerland, will give a BSA Distinguished Lecture titled "Answering Gauguin's Questions: Where Are We Coming From, Where Are We Going, and What Are We?" at 7 p.m. on Wednesday, May 26, in Berkner Hall.

BSA Distinguished Lectures are sponsored by Brookhaven Science Associates, the company that manages Brookhaven Lab, to bring topics of general interest before the Lab community and the general public. The lecture is free and open to

the public. Visitors to the Lab age 16 and over must bring a photo ID.

Ellis is a long-term research leader at the Large Hadron Collider (LHC) at CERN, where high-energy experiments have now started and will take physics into a new realm of energy and time. This research also will address the physics analogues of the simple yet profound questions of human existence posed by French artist Paul Gauguin in his famous 1897 painting.

The knowledge of matter revealed by the current reigning... See *Ellis Talk* on pg. 3

Battelle Honors Paul Kalb As BNL's 'Inventor of the Year'

Paul Kalb, a leading engineer in environmental research at BNL, was honored as BNL's "Inventor of the Year" by Battelle, the global science and technology company that, together with Stony Brook University, manages Brookhaven Lab. Kalb was honored at Battelle's annual recognition program at the Ohio Statehouse in Columbus, Ohio, on April 30, along with inventors from Battelle and from three other national laboratories that it manages.

Kalb has specialized in developing and applying technologies for hazardous- and radioactive-waste management, environmental cleanup, decontamination and decommissioning, and environmental security. In 2009 and 2010, Kalb and his colleagues, Brookhaven Lab's John Heiser and Mark Fuhrmann, formerly of Brookhaven, received two U.S. patents for a new method to passively concentrate and remove toxic mercury from soil, sediment, sludge, and other industrial waste. This novel method, called "In Situ Mercury Stabilization," allows mercury to be removed without excavating and replacing large volumes of toxic soil or other material, thereby reducing cleanup cost and environmental impact. The inventors were honored for this technology earlier this year by the Long



Roger Stoulenburgh 03/23/2010

Island Technology Hall of Fame for the "Most Innovative Patent of the Year" in the area of energy and the environment.

"I am pleased to be honored for my work at Brookhaven," Kalb said. "It's challenging to develop environmental cleanup technologies – and I find it especially rewarding to advance them from the laboratory to industry, so they can be used to solve real problems. It's similar to the pride one takes as a parent, when you've helped nurture your children and then send them off into the world with the hope that they can improve it in some small way."

In 2002, *Long Island Business News* named Paul Kalb "Innovator of the Year" for assisting in developing a technology called Sulfur Polymer Stabilization/So-

lidification, which successfully treats radioactive, hazardous, and mixed (i.e., hazardous and radioactive) mercury-contaminated wastes, creating a durable end product that meets U.S. Environmental Protection Agency and Nuclear Regulatory Commission regulations. This treatment method is a significant improvement over conventional approaches, making waste disposal of highly toxic mercury safer and more practical.

At Brookhaven since 1980, Kalb has developed numerous cutting-edge environmental technologies. He is the co-inventor of 10 U.S. patents, the most recent issued in April 2010 for the passive method to cost-effectively extract mercury from contaminated waste. He has coauthored several books on innovative technologies for waste treatment and has written numerous peer-reviewed articles on waste encapsulation. He is currently the division head for Environmental Research and Technology in the Lab's Environmental Sciences Department.

Kalb holds a bachelor's degree in mechanical engineering technology from Binghamton University and a master's degree in nuclear engineering with a certificate in energy policy and engineering from the Polytechnic Institute of New York. — Diane Greenberg

Eight Brookhaven Lab Scientists Are Granted Tenure

Brookhaven Science Associates (BSA) granted tenure effective December 1, 2009, to eight Brookhaven scientists. They are Mei Bai, Collider-Accelerator Department; Alexander Bazilevsky, Physics Department; Richard Ferrieri, Medical Department; David Jaffe, Physics Department; Ferdinand Willeke, National Synchrotron Light Source II; Guangyong Xu, Condensed Matter Physics and Materials Science Department; Hua-Gen Yu, Chemistry Department; and Anatoli Zelenski, Collider-Accelerator Department. The Bulletin is featuring the newly tenured scientists in alphabetical order. Bai and Bazilevsky were featured on April 23, and Ferrieri on May 7. Below are summarized the contributions of Jaffe and Willeke.

David Jaffe

David Jaffe of the Physics Department was granted tenure based on his outstanding record of accomplishment in particle physics. In particular, he has made significant contributions by elucidating specific characteristics of quarks and their role in the Standard Model of particle physics through measurements in kaon physics, B physics and neutrino physics. He has played a leading role in the current national effort to determine the fundamental consequences of neutrino mixing and in establishing BNL's role in forefront experimental programs in neutrino physics.



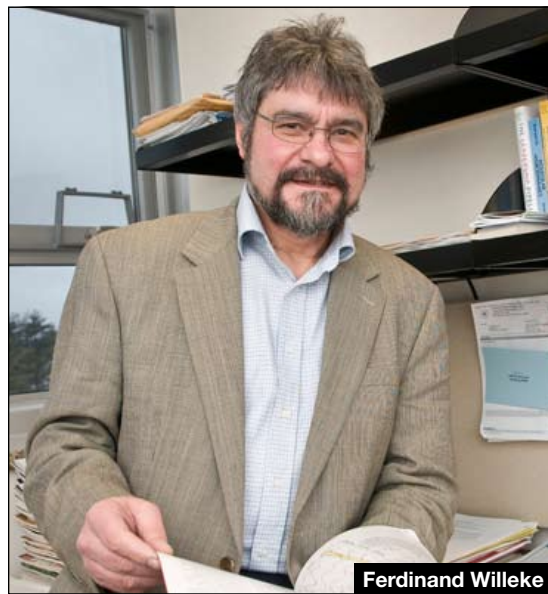
David Jaffe

"David has contributed significantly to a number of important high energy physics measurements through his unerring physics sense and his strong technical abilities," said Tom Ludlam, Physics Chair. "He has a long record of scientific achievement and leadership, and we expect him to continue to play a key role in shaping the future particle physics program at BNL."

Notably, Jaffe played a central role in the Alternating Gradient Synchrotron rare kaon decay experiments, E787 and E949, that confirmed the discovery of the rare $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ decay with low momentum pions, one of the most significant results in this field and one of the most

difficult measurements in particle physics. More recently, he has taken a lead in establishing BNL's effort on the MINOS experiment studying neutrino oscillation and has developed breakthrough analysis techniques. Additionally, this group has taken a leading role in the Daya Bay collaboration, which is a major U.S.-China partnership to mount the most ambitious reactor neutrino experiment to date to determine the electroweak mixing parameter θ_{13} .

Jaffe received his Ph.D. in physics from Stony Brook University in 1987. He joined BNL as an assistant scientist in 2000 and was promoted to associate scientist in 2002 and to scientist in 2005.



Ferdinand Willeke

Ferdinand Willeke

Ferdinand Willeke of the Accelerator Systems of the National Synchrotron Light Source II Project was awarded tenure for his exceptional work on nonlinear beam dynamics; his contributions to the design, construction, operation and upgrade of the proton collider, HERA, of Deutsches Elektronen-Synchrotron (DESY) Laboratory in Germany; and his outstanding performance in directing the design and construction of the NSLS-II accelerator systems.

"Ferdinand is an internationally recognized accelerator physicist," said Steve Dierker, Associate Laboratory Director for Light Sources. "He has a highly practical sense, with

extensive knowledge and experience in mechanical as well as electric and electronic engineering. He is a very versatile scientist who can support any accelerator project, and he is a valuable asset to the Laboratory's future."

Willeke received his Ph.D. in nuclear solid physics in 1980 from Freie University in Berlin and spent his early career translating methods developed in mathematical physics into tools of practical importance for assuring the stability of beams in large accelerators. He later participated in the commissioning of the first superconducting accelerator, the Tevatron at Fermi National Accelerator Laboratory, performing what was recognized as groundbreaking work in helping to prepare the machine for collider operation.

Willeke then devoted close to 20 years with the HERA lepton proton collider at DESY, where he was leading scientist and head of HERA, before joining the staff at Brookhaven as Director of Accelerator Systems Division of the NSLS-II Project in July 2007. In this role, he led his team to a successful completion of the preliminary design for the accelerator systems and continues to oversee the NSLS-II project's component procurement, installation, testing, and commissioning.

— Tianna Hicklin

CALENDAR
OF LABORATORY EVENTS

- The BERA Store in Berkner Hall is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347, or Christine Carter, Ext. 2873.
- Events flagged with an asterisk (*) have an accompanying story in this week's Bulletin.

— REGULARLY —

Weekdays: Free English for Speakers
Of Other Languages Classes

Beginner, Intermed., Adv. classes, various times. All welcome. Learn English, make friends. See <http://www.bnl.gov/esol/schedule.asp> for schedule. Jen Lynch, Ext. 4894

Mondays & Thursdays: Kickboxing
\$5 per class. Noon-1 p.m. in the gym. Pay as you go. Ext. 2873.

Mon., Tues., Thurs., & Fri.: Tai Chi
Noon-1 p.m., B'haven Cntr N. Rm. Adam Rusek, Ext. 5830, rusek@bnl.gov.

Tues.: Hospitality Welcome Coffee
Tuesdays, 10:30 a.m.-noon. Rec Hall.

Tuesdays: Zumba
Tuesdays, noon-1 p.m. Gym. Registration is required. Ext. 2873.

Tuesdays: Knitting Class
2-4 p.m. Rec. Hall. All levels of skill. Free. Ext. 5090 for information.

Tuesdays: Toastmasters
Two monthly meetings: 1st & 3rd Tuesdays, 5:30 p.m., Bldg. 463, Rm 160. Guests and visitors welcome. <http://www.bnl.gov/bera/activities/toastmasters/>.

Tue., Wed., & Thurs.: Rec Hall Activities
5:30-9:30 p.m. General activities, TV, ping pong, chess, games, socializing. Christine Carter, Ext. 5090.

Tuesday & Thursday: Aqua Aerobics
5:30-6:30 p.m., Pool. Registration is required. Ext. 2873.

Wednesdays: On-Site Play Group
10 a.m.-noon. Rec Hall. Infant/toddler drop-in event. Parents meet while children play. Ext. 2873. See also <http://www.meetup.com/BNL-Playgroup/>

Wednesdays: Ballroom Dance Class
Classes at 5:15, 6:15, and 7:15 p.m., based on experience. N. Ballroom, B'haven Center. Donna Grabowski, Ext. 2720.

Wednesdays: Yoga
Noon-1 p.m., B'haven Center. Free. Ila Campbell, Ext. 2206, ila@bnl.gov.

1st Wednesday of month: LabVIEW
1:30-3 p.m., Bldg. 515, 2nd fl. Seminar Rm. Free technical assistance from LabVIEW consultants. Ext. 5304, or Terry Stratoudakis, (347) 228-7379.

Thursdays: BNL Cycletrons Club
5 p.m., Brookhaven Center. First Thurs. of month. Tim Devine, Ext. 2350.

Thursdays: Reiki Healing Class
Noon-1 p.m., Call for location. Nicole Bernholz, Ext. 2027.

Fridays: Family Swim Night
5-8 p.m. BNL Pool. \$5 per family. Ext. 2873.

Fridays: Family Gym Night
5-8 p.m. Family gym activities. Free. Ext. 2873.

BREA Luncheon, 6/9
Last Reminder!

Don't forget – all retirees are invited to come to the annual luncheon at the Bellport Country Club at noon on Wednesday, June 9. You do not have to be a member of the Brookhaven Retired Employees Association to attend. The cost is \$35 per person. Just send your check (made out to BREA) and include a note with: your name (and name of spouse or guests), address, and phone number. Mail to BREA, BNL, Building 421, Upton, NY 11973, by the deadline of June 2.

Nutrition, Exercise
Consulting

Are you looking to improve your diet, lose a few pounds, address health issues, get a personalized exercise plan, or make sure you're already doing the right exercises? The Health Promotion Program for Lab employees offers one-on-one consultations with a registered dietitian and an exercise specialist. For more information, call Michael Thorn, Ext. 8612.

CONGRATULATIONS,
2010 BSA SCHOLARS

Brookhaven Science Associates (BSA), a company formed by a partnership between Battelle and Stony Brook University (SBU) to manage BNL, has announced the 15 winners of the annual BSA Directors' Scholarships, which go to children of BNL employees in continuation of a tradition instituted at BNL in 1965. Each BSA scholar is a high-school senior who will receive \$2,500 per year for up to four years of study at the college or university of his or her choice. As an additional benefit starting this year, SBU, which is committed to bringing the SBU and BNL communities closer together, offered matching \$2,500 scholarships annually to BSA scholarship winners who are admitted to SBU and enrolled as full-time undergraduates. The 15 2010 BSA scholars are listed below.

1. Sarah Ackerman, the daughter of Andrew Ackerman of the National Synchrotron Light Source Department, lives in Stony Brook and attends Ward Melville High School. She will attend the State University of New York at Geneseo; her major is undecided at present.

2. Jennifer Arcilla, daughter of Ramon Arcilla Jr. of the Energy Sciences & Technology Department, lives in Miller Place and is a senior at Miller Place High School. She will major in nursing at the University of Virginia.

3. Brian Bergh, who lives in Center Moriches and attends Center Moriches High School, is the son of Paul Bergh of the Radiological Control Division. He will major in engineering at the State University of New York at Buffalo.

4. Morgan Campbell, a senior at Rocky Point High School and resident of Rocky Point, is the daughter of Kevin Campbell of the Maintenance & Fabrication Division. She will attend the State University of New York at New Paltz, majoring in cell biology in preparation for a career in research.

5. Pelle Hall, who lives in Wading River and attends Shoreham Wading River High School, is the son of Greg Hall of the Chemistry Department. Aiming possibly for a career in research, he will major in computer science and biology at Grinnell College in Iowa.

6. Linda Liu, daughter of Yangang Liu of the Environmental Sciences Department, lives in Ridge and attends Longwood Senior High School. She plans to major in linguistics and/or economics at the University of Chicago.

7. John Lombardi, who is the son of Donna Lombardi of the Human Resources & Occupational Medicine Division and the nephew of Robert Lombardi, Laboratory Protection Office, lives in Riverhead and attends Riverhead High School. He will study mechanical engineering at Union College in Schenectady, NY.

8. Michael May, the son of Morgan May of the Physics Department, lives in New York, NY, and will graduate from Stuyvesant High School. He will attend Columbia College in the City of New York where he is considering majoring in American studies or chemistry.

9. Stephanie Meier, a resident of Wading River, is the daughter of James Meier of the Collider-Accelerator Department — and the granddaughter of retiree Edward Meier, National Synchrotron Light Source, and great granddaughter of Frederick Meier of the Motor Pool who had also worked at Camp Upton. She will graduate from Shoreham-Wading River High School and then attend Suffolk County Community College, Selden Campus, to major in music education for a career in that field.

10. Katherine O'Connor, who lives in Bellport and is a senior at Bellport High School, is the daughter of Paul O'Connor of the Instrumentation Division. She will major in mathematics, computer science, or engineering at the Massachusetts Institute of Technology.

11. Katie Parker, a senior at Ward Melville High School who lives in Stony Brook, is the daughter of Brett Parker of the Superconducting Magnet Division. She will major in environmental sciences at Brown University, planning to work as a social activist in the area of sustainable agriculture.

12. Katherine Pena, who lives in Holbrook and attends Sachem High School East, is the daughter of Michael Pena of the Laboratory Protection Division's Office of Emergency Management. She will major in business administration at George Washington University for a career in business and marketing.



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13. Katherine Skinner, a resident of Wading River who will graduate from Riverhead High School, is the daughter of John Skinner of the Biology Department. She will attend Princeton University where she will major in applied mathematics.

14. Jonathan Tsang, son of Thomas Y.F. Tsang of the Instrumentation Division, lives in Holbrook and is a senior at Sachem High School North. He will study biochemistry at a college yet to be determined.

15. Iris Yu, a resident of Wading River, is the daughter of Bo Yu of the Instrumentation Division. After graduating from Shoreham-Wading River High School, she will attend Dartmouth College. She has not yet decided on her major.

In Memoriam: Kerry Unger

Kerry Unger, a senior applications engineer in the Collider-Accelerator Department (C-AD), died at the age of 50 on February 7, 2010.

Unger had earned a B.S. in 1987 and an M.S. in 1989, both in electrical engineering at the Polytechnic Institute of New York, Farmingdale, then joined C-AD on January 8, 2002, as an advanced applications engineer. He was promoted to his senior position on January 1, 2009.

Said Lawrence Hoff, Unger's supervisor, "Kerry joined the Accelerator Controls Division in 2002. In the eight years he worked here, he was involved in countless projects, interacting with many of the other technical groups within C-AD, including beam instrumentation, vacuum, radio-frequency devices, magnet power supplies, and accelerator operations. His good nature and dedication made him well liked throughout the depart-



ment. This was especially true in the autumn, when he would share the fruits of his gardening with us, including particularly hot peppers. When he wasn't interfacing some new vacuum or motion control device into the control system, he enjoyed relaxing at his cabin in the Catskills where he spent time with family and exploring snowmobile trails."

A resident of Holbrook, Kerry Unger is survived by his parents, Carl and Patsy Unger, his sister Lori, brother Gary, two nieces and three nephews. — Liz Seubert



RHIC/AGS Users' Meeting, 6/7-11

The annual Relativistic Heavy Ion Collider (RHIC) and Alternating Gradient Synchrotron (AGS) Users' Meeting will be held at BNL from Monday to Friday, June 7-11.

Five parallel workshops will be held on Monday and Tuesday, June 7-8. A special symposium, organized with the National User Facility Organization, will be held on June 9, focusing on education and outreach. A plenary session on the morning of June 10 will feature highlights from Run-10 at RHIC and future perspectives from DOE and National Science Foundation funding agencies. The remainder of the meeting will celebrate Ernest Courant's 90th birthday, 50 Years of AGS operations, and a decade of RHIC operations — details to follow.

To register and obtain more information, please go to: http://www.bnl.gov/rhic_ags/users_meeting/default.asp

Repave Princeton Avenue...Check!



The Site Services Division and Office of Emergency Management thank the Lab community for cooperation and focus on safety as the major project of repaving Princeton Avenue was completed.

Arrivals & Departures

— Arrivals —

Donald Nostrand C-AD
Susan Runkowski CEGPA
Pankaj Sinha Chemistry

— Departures —

Dean Green C-AD

Remember the
BNL Food Drive



Mort Rosen CN4-544-88



Joseph Rubino D280907

NSLS/CFN Users' Meeting, 5/24-26

The annual Joint National Synchrotron Light Source (NSLS) and Center for Functional Nanomaterials (CFN) Users' Meeting will be held from Monday, May 24 through Wednesday, May 26. New research results and advances in experimental capabilities in synchrotron radiation and the nanosciences will be highlighted.

This year's theme will focus on "Climate Change" and how synchrotron-based research and nanoscience will impact understanding and mitigation of the potential global effects.

At the Tuesday main meeting and plenary session, open to all, William F. Brinkman, Director of the DOE Office of Science, will give the keynote address.

Also included will be scientific talks; updates from DOE Basic Energy Sciences program managers; and overviews from Sam Aronson, BNL; Steve Dierker, Light Sources; Chi-Chang Kao, NSLS; and Emilio Mendez, CFN. BNL employees and guests are also welcome to register for workshops, and other meeting events (registration and a nominal fee are required). For more information, go to: <http://www.nsls.bnl.gov/users/meeting/page.aspx?id=home>.

Ellis Talk from pg. 1

...theory of particle physics, known as the Standard Model, still leaves open many basic questions, for example: What is the origin of the matter in the Universe, how does its mass originate, what is the nature of the dark matter that fills the Universe, and are there additional dimensions of space? The answers to these questions may set the stage for future experiments beyond the scope of the LHC.

Ellis has been recognized for fostering the international character of CERN. He has interacted with physicists and diplomats worldwide. He also has given lectures around the globe, in many cities and several languages. His

primary research interests focus on the phenomenological aspects of particle physics, but he has also made important contributions to astrophysics, cosmology, and quantum gravity.

Ellis earned his Ph.D. in theoretical (high-energy) physics from Cambridge University. Among his many honors, Ellis was awarded the Maxwell Medal and the Paul Dirac Prize by the Institute of Physics in 1982 and 2005, respectively, and is an Elected Fellow of the Royal Society of London.

Note: To see the painting, go to http://en.wikipedia.org/wiki/Where_Do_We_Come_From%3F_What_Are_We%3F_Where_Are_We_Going%3F.

— Jane Koropsak

Fidelity One-on-One

A Fidelity representative will be on site on Thursday, 6/24 and Thursday, 7/15, to answer employee's questions about their financial matters. Sessions will be for approximately half an hour. For an appointment, call 800-642-7131, weekdays, 8 a.m. – midnight EST; or go online at <http://www.fidelity.com/atwork/reservations>.

Join the Green Thumb Veggie Club!

Fresh organic produce from a local farm is available, delivered weekly to BNL, for those who join Community Supported Agriculture (CSA). Members receive fresh organic produce from the Green Thumb Organic Farm in Water Mill, where the Halsey family has been farming their land since 1644. The Halseys grow over 350 varieties of fruits and vegetables, picked daily for delivery.

If you join, each week, for 26 weeks, a selection of freshly gathered organic produce will be delivered to BNL for you to pick up. The fee for a season of produce is \$420. Pay all immediately, or in two installments: \$285 on sign-up, by May 20, and a post-dated check for \$135, post-dated for July 13, 2010. The first delivery is in early June, continuing through November. For more information, or to join CSA, pick up a brochure containing the commitment form from the BERA Store in Berkner Hall, or at the BERA website http://www.bnl.gov/bera/linkable_files/2010-Veggie_Club.pdf. Or contact Ruth Comas, comas@bnl.gov or Ext. 3545.

BERA Fitness Classes

Stay in shape and have fun too. The next session of BERA fitness classes has begun. Make checks payable to BERA and mail to the Recreation Office (Bldg. 400).

Aqua Aerobics: May 27 – June 22. Tues. and Thurs., 5:30-6:30 p.m. at the pool (Bldg. 478). Once/week: \$10, twice/week: \$20.

Zumba: May 11 – June 29. Tues., noon-1 p.m. in the gym (Bldg. 461). Once/week: \$80.

CALENDAR

Today, Friday, 5/14

***AdoptaPlatoon T-Shirts to Order**
11 a.m.-1 p.m. Berkner Hall lobby, Bldg. 400 lobby. To benefit platoon in Afghanistan. See pg. 4.

Documentary Film: Afghan Women
5-7 p.m. Berkner Hall. Sponsored by the BNL Asian Pacific American Association and the Diversity Office, this film dramatizes the lives of Afghan women during 25 years of cataclysm, from a proxy war to civil war, from Soviet regime to the U.S. military intervention, and of remarkable women. Followed by Q&A with the film's director, Kathleen Foster. Photos from Afghanistan by Foster will be displayed in the lobby. The event is free, open to the public. Visitors to the Lab of 16 and older must carry a photo I.D.

— WEEK OF 5/17 —

Wednesday, 5/19

***BSA Noon Recital, Mezzo-Soprano**
Noon. Berkner Hall. Vocalist Ginger Costa-Jackson will perform opera and Broadway favorites in a program titled "Don't Mess With This Mezzo!" All are welcome to this free concert, sponsored by Brookhaven Science Associates. Visitors to the Lab of 16 and older must carry a photo I.D. See article below, left.

Sunday, 5/23

***NSLS/CFN Users' Meeting Starts**
4 p.m. Berkner Hall lobby. Early registration, poster set up.

— WEEK OF 5/24 —

Monday, 5/24

***NSLS/CFN Users' Meeting**
7 a.m. Berkner Hall, Room D. Registration starts.

9 a.m. Bldg. 510. Start of workshops, meetings. See agenda at <http://www.nsls.bnl.gov/users/meeting/agenda.aspx>.

IBEW Meeting
6 p.m. Centereach Knights of Columbus Hall, 41 Horseblock Rd., Centereach. 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, 5/25

***NSLS/CFN Users' Plenary Session**
9 a.m. Berkner Hall. The Lab community is warmly invited; no registration is needed for this session. Includes keynote speech by William F. Brinkman, Director of the DOE Office of Science, and updates from DOE Basic Energy Sciences program managers as well as from the BNL Director and others. See notice at left and <http://www.nsls.bnl.gov/users/meeting/agenda.aspx>.

Wednesday, 5/26

***NSLS/CFN Users' Workshops**
Registration required. See link to agenda, above.

***BSA Distinguished Lecture**
7 p.m. Berkner Hall. John Ellis of CERN, Switzerland, will talk on "Answering Gauguin's Questions: Where Are We Coming From, Where Are We Going, and What Are We?" All are welcome to this free talk, open to the public. Visitors to the Lab of 16 and older must carry a photo I.D. See pg. 1.

Camera Club Meeting, 6/10

Calling all camera bugs! The Camera Club will meet on Thursday, June 10, in Berkner's Room D at noon. For those who edit in Photoshop or Lightroom, Mark Parsons will review the NIK suite of photo enhancement tools with a demonstration of the time saving features. For more information, contact Joe Gettler, Ext. 3584, jgettler@bnl.gov.



Attracting Top Talent

Since BNL has frequent postings of new positions, note a new feature on the Lab website. Prospective internal and external candidates can log into the BNL career site, <http://www.bnl.gov/hr/careers>, click latest job postings, select a job category and click “Send me email notifications on jobs.” Using this method only once, candidates receive automatic alerts each time a new position is posted in the selected areas of interest; the alerts contain a full description of the position(s) and a direct link to the application page for the specific opportunity.

The tool is also beneficial for employees who wish to participate in the Employee Referral Award Program (ERAP), in which specific positions are tied to an award of \$500 or \$1000, contingent upon non-exempt or exempt level roles, respectively, as announced in the job description. The program, started in 2002, was used sporadically in its infancy; however, that has changed. Approximately 10 ERAP hires have been made in the past 18 months. Check for yourself.

Change in Placing of BNL Job Ads

Effective May 1, Human Resources (HR) advertises most positions available at BNL only on the HR “Jobs” webpage: <http://www.bnl.gov/HR/careers>. These positions are no longer advertised in the Bulletin. This change to essentially an all-web-based process allows immediate, real-time posting of positions and aligns BNL’s job posting policy to that of other labs and organizations. Union positions will continue to be advertised in the Bulletin, as may certain other positions that are identified by HR and hiring managers as appropriate for the Bulletin readership (specifically, but not limited to, those jobs open to Lab employees only). Remember, look on the HR jobs webpage at <http://www.bnl.gov/HR/careers> for most jobs available now at BNL.

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 benefits-eligible employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present benefits-eligible 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. Except when operational needs require otherwise, positions will be open for one week after publication. For more information, contact the Employment Manager, Ext. 2882. Access current job openings on the World Wide Web at www.bnl.gov/HR/jobs/.

To apply for a position, go to www.bnl.gov. Select “Job Opportunities,” then “Search Job List.”

LABORATORY RECRUITMENT - Opportunities for Laboratory employees only.

METAL WORKER MAINTENANCE A – (LG-10) Under minimum supervision constructs and installs a variety of metal equipment needed in plant maintenance such as sinks, gutter, ventilating hoods, stands, hangers, etc. Lays out own work, makes own patterns working from physical dimensions of building or works from prints, sketches or verbal instructions. Sets up and operates machine tools and tinsmithing machines, and also performs benchwork, in the fabrication and finishing of metal or associated products. Performs layout, preparation, measurement, assembly and installation. Performs necessary brazing, welding, and silver soldering incidental to the job. Makes own templates, sharpens tools, and performs maintenance incidental to operation of machines. Maintenance and Fabrication Division. Apply to Job ID #15357.

RIGGER’S ASSISTANT – (LG-6) - Under general direction, assists in the preparation for and moving of a variety of material and objects, including heavy and delicate items

as required. Duties consist of attaching lifting devices, and performing all other associated manual tasks such as jacking, placing rollers, and positioning. As performance of duties herein necessitates, drives trucks and operates forklifts. Site Services Division Please submit an Employee Transfer Request to Diana Hubert, Human Resources, Bldg. 400B Apply to Job ID # 14770.

OPEN RECRUITMENT - Opportunities for Lab employees and outside candidates.

CUSTODIAL SERVICES SUPERVISOR (T-4) - Requires three years custodial experience with detailed knowledge of custodial principles, practices, equipment, and recycling, including methods of industrial cleaning, safety practices and procedures. Must have excellent organization skills; communication skills, both written and verbal; and proven interpersonal skills, working with a highly diverse workforce. Group leader or foreman experience, and/or demonstrated leadership qualities with problem solving skills are necessary. Must be able to manage multiple priorities, including technical tasks; coordinate projects and schedule multi-craft activities; schedule meetings, and/or events; routinely gather, collate, and/or classify data; and use job-related equipment. Will be expected to apply pertinent policies and procedures, regulations and/or laws; operate standard office equipment including pertinent software applications (e.g. Microsoft Word, Excel); and prepare and maintain accurate records. Duties will require performing basic math; reading a variety of manuals; writing documents following prescribed formats, and/or presenting information to others; and analyzing situations to define issues, draw conclusions, and create action plans. Responsible for first-level supervision in the custodial services section of Site Services Division, providing direction and leadership for custodial and department functions (e.g. planning, scheduling, coordinating activities, training, discipline, evaluation) for the purpose of ensuring that assignments are completed in a safe, proper and timely manner. Reports to the General Supervisor of Custodial Services. Site Services Division. Apply to Job ID # 15343.

DRESSER – solid cherry, Davis Cabinet Co, excel cond, 7-drawer, w/sep wall mirror, photos avail, Sue, Ext. 4931.
DRYER – Sears Kenmore, 80 series, natural gas, white, works fine, \$125/u pic up, E/Setauket. John, Ext. 5828.
HUTCH – light oak w/glass drs, excel, cond, ask/\$200/obo, pics avail. Ext. 3924.
KITCHEN TABLE & CHAIRS – all maple w/4 spindle back chairs & leaf, grt cond, \$300. 678-3299 or dgordon@bnl.gov.
NATUZZI LEATHER SECTIONAL – dk green, excel cond, about 9’L, Mt. Sinai, local deliv poss. \$400. Ext. 5090, 312-2671.
PATIO TABLE & CHAIRS – 44”, round glass top, 4 swivel chrs Summerwind Coll, like new, pickup for \$500. 924-3633.
SLEIGH CRIB – convertible light oak, excel cond, pd/600, \$125/obo. wwilliams@bnl.gov.
DRESSER, CRIB, ROCKER – 8 drwr drsser w/stone top, pd/\$800, sell \$300, cherry crib/tw. bed \$200; lthr glider/\$100; 312-2671.
TWIN BED HEADBOARD – white metal, \$10. Ext. 2616, cweilbrenner@bnl.gov.

Car Pool

PLAINVIEW – 3-pers pool meeting in Plainview need 4th. 8-4:30. Ext. 6068.

Audio, Video & Computers

CAMERA, SONY – DSCF707 Cyber-shot 5MP Digital Still w/5x Optical Zoom 10x Digital Zm, flash doesn’t work/\$75. 924-4068.
CAMERA – antique and older camera equip. 298-5625 or rondobert@aol.com.



Roger Stoutenburgh D0360510

AdoptaPlatoon: Plants Last Week, T-Shirts Today

The Brookhaven Veterans Association’s AdoptaPlatoon team held a plant sale before Mother’s Day last week. Today, May 14, the team will be in Berkner Hall lobby and Bldg. 400 lobby, 11:30 a.m. – 1 p.m., to take orders for \$15 T-shirts — all to benefit a platoon in Afghanistan. Your support is greatly appreciated.

PHOTO & NEGATIVE SCANNING – scans & color corrects 35mm slides, etc., converts to DVD. Music too. Pt Jeff. 928-6469.
TV, 32 INCH COLOR – Toshiba Tube Type w/remote control, ask/\$25. Charles, Ext. 2616 or cweilbrenner@bnl.gov.

Sports, Hobbies & Pets

BOGEN TRIPOD – Bogen-Manfrotto Tripod Model 3021 with 3028 Head, excel cond, ask/\$120. 398-9060.
TREADMILL – Horizon Evolve, folds to 10”, 2 progs, 1-6 mph, shows time, spd, dist & cals, pics, ask/\$350, mpotocki@bnl.gov.
DOG’S TIE-OUT CABLE W/STAKE – sturdy spiral, approx 18’L, \$15. Jane, Ext. 2198, 909-7080.
HIP AND THIGH MASTER – Body by Jake exercise equip, 1/owner, barely used, ask/\$50/obo. Sue, Ext. 4931.
PAINTBALL MARKER – Smart Parts ION Electric, w/14” affmrkt SP Barrel, 48ci Nitro Tank & Case, \$250/neg. Andrew, Ext. 4891.
ROCKING BENCH FOR DOLLS – blue painted wood, 18 1/4”W x 15”H x 12”D, pics. \$20. Linda, Ext. 2733, 395-6784.

Tools, House & Garden

LANDMOWER – push mower, gd cond, side discharge & mulching, \$40/obo. Istvan, Ext. 7020, 672-2451 or dioszegi@bnl.gov.

Miscellaneous

BABY’S ITEMS – changing table/\$40; stroller, Evenflo/\$25; infant car seat/\$20; Baby Einstein Activ Cntr/\$20. 924-4068.
BOY’S CLOTHING – grt cond, stylish, size 12-16, 9yr old boy, tees, shirts, pants, shorts, more, cheap. Ext. 5090, 312-2671.
POWERCHILL – hot/cold Thermoelectric Cooler/\$50. Donna, Ext. 2716, 878-2425.
SPRINKLERS – Poly pipe, sprinkler heads, also repair and complete installations, spring startups. Michael, 284-2277.
SWIMMING POOL – agp 21round x 4.5 deep, mint cond, you take down, all incl, \$700/obo. Ext. 5169 or bowden@bnl.gov.

Yard & Garage Sales

LAKE RONKONKOMA – Historical Society; 328 Hawkins Ave, Sat, 5/22, 10am to 3pm, rain date Sun, 5/23. Richard, Ext. 4030.

Happenings

A MOTHER’S KISS DINNER/AUCTION – Spring Dinner Dance & Chinese Auction, Wed. 5/19, 7-11pm @ Flowerfield, St. James, to benefit children with cancer and their families. Gerri, 254-2965.

BNL TRAVEL CLUB TRIP – 9/18-19; Yankees vs. Balt. Orioles in Balt, MD; trip incl. bus transp, hotel charges+brkfst & game tix, \$255/dbt; \$225/Trip, \$100 dep by 6/3, full pymt by 7/2. No refunds. Ext. 4887, 457-3797 or giambalvo@bnl.gov.
DINNER/SHOW OUTING – Sat, Oct 16 to see “Joseph,” Sight & Sound Theatre, PA. Dinner @ Good n Plenty, \$115pp. Discnts for teen/child. \$60 deposit due now. Kim, Ext. 7465, 399-3098 or khayes@bnl.gov.
EARTH SCIENCE REGENTS REVIEW@SCCC – Five mtngs (12 hrs.), from 5/25 @ Ammerman Campus. Tuition \$159. Call for details. 451-4552.

Free

BOX SPRINGS – Stearns and Foster box spring set for king bed, 6 mos old, excel cond. Douglas, Ext. 7046.
FURNITURE – Sofabed, light blue, 72”x34”; 2/barrel style chairs, ivory. Ron, Ext. 7588 or prwivo@bnl.gov.

Wanted

10 SPD BICYCLE – Have you an old road bicycle in decent shape? I’m interested. Robert, Ext. 2689 or rscarduzio@bnl.gov.
BOAT TRAILER – I need a sm boat trailer for a 10’ Zodiac, must have a registration, reasonable. Michael, Ext. 7861.
BROKEN SURFBOARD – want old surfboard you might be getting rid of to use in a sculpture. Bobbi, 291-0245.
NEW/GENTLY USED CLOTHES – all sizes, children’s books, also toys to be donated to 76 families living a local shelter, Laura X4027, lbuscemi@bnl.gov and. Kathleen, Ext. 3161 or kratto@bnl.gov.
PATIO CHAIRS – want comfortable patio chairs for a sm deck, must be gd cond. & reasonable or free. Anna, Ext. 7132.



Roger Stoutenburgh D1790007



Roger Stoutenburgh D0310510

Quest Over: Wings I.D.’ed!

The Bulletin was delighted to receive answers to our last week’s quest for I.D.s of the photos by Sheryl Gerstman and Roger Stoutenburgh above. All agreed that the somewhat fierce-looking lepidopteran was an adult male Polyphemus Moth or silk moth (*Antheraea Polyphemus*). In her reply, Maureen Dunn of Environmental Sciences also noted, “the Polyphemus gets its name from the large eyespots on its hindwings. In Greek mythology, Polyphemus was a Cyclops. This North American member of the giant silk moth family *Saturniidae* has an average wingspan of 15 cm (6 inches). Although there may be slight color variations, the moth is usually a shade of tan or brown. The male Polyphemus moth has bushier antennae than the female; a feature which serves to differentiate the sexes easily. Around the Lab, adult moths will emerge in early summer and live for less than one week. This amazing creature does not feed at all during that time.”

Vincent Costanzo of Procurement & Property Management also gave details about the moth, including the catapillers’ host trees and shrubs, such as oak, willow, maple, and birch, and that its global status is secure, though it is quite rare at the periphery of its range.

The consensus on the I.D. of the raptor, other than a single golden eagle suggestion, was that this UFO (unidentified flying object, nice definition by Phil Harrington of Training Qualifications) is an osprey. Tim Green, BNL’s resident wildlife expert, also said “osprey,” but the Bulletin found these viewpoints too down-to-earth. We’re going for the opinion of Susan Lattuca of Nuclear Energy and Infrastructure Systems, who states that this bird is an Acceleraptor, circling to see what’s going on at NSLS-II.

Many thanks also to Joyce Fortunato, Susan P. Foster, Robert Healy, Adam Janczewski, Barry Siskind, and Mike Watson for their knowledgeable replies. All persons listed will share in the first prize of at least one full year of free ads in the Bulletin.

Lost & Found

GOLF CLUB 3 IRON – found in apt complex. Richard, Ext. 4030.
LOST CAT – Black/w White, lost on site in Jan during bad weather. Any info about her whereabouts greatly appreciated. Hoping she is OK somewhere. Heartbroken. Pics avail. Kathy, Ext. 3832 or doty@bnl.gov.
LOST NECKLACE – May 7th, near the Rec Bldg in the apt area, has OM symbol on it. Michael, Ext. 7861.
LOST SET OF KEYS – incl Nissan/Toyota and BNL keys. Ext. 3766.

For Rent

KISSMEE, FL – T/share: June-Dec, 2-bdrm unit, slps 8, or split, 4 for \$500/wk, 8 for \$1000/wk, Orlando, 15 mins to Disney Wld, see www.calypsocay.com. Nina, Ext. 5894.
MASTIC – 1 bdrm, eik, full bath, den, own ent/drway, all incl, 10 min to Lab, no smkg/pets, 1 mo sec. \$850/mo. joe mondi, Ext. 3499, 219-7241.
MASTIC BEACH – spacious 1 b/r, full bth, l/r & kit, priv ent/drwy, no smkg/pets, sec & ref req, lease provided & immed occp, all incl, except cable. \$900/mo. 281-4559.
MILLER PLACE – Col. house in prof resid. area, 8 mi to BNL, share furn, cac, full kit, own bdrm, backyd deck/grill, int/tv/util incl, responsible non-smrk. \$675/mo. 744-8386.
NORTH SHIRLEY – 4 bdrm Victorian, 2.5 bath, formal d/r, eik, full bsmt, lg deck on 1 acre, immed occp. \$2,400/mo. Shah, 559-4758 or shahrokhzeb@gmail.com.

SHIRLEY – rm for rent, microwave kit-net, l/r combo, 1mo sec, priv bath/ent, no smkg/pets, 14 min to Lab, close to stores/beach/lirr. \$550/mo. 344-4324.
SHOREHAM – clean 1 bdrm furn studio apt, sep ent & thermostat, full bath, kit, patio, big yd, cable TV, no smkg/pets, 7 min to Lab, avail immed. \$775/mo neg. 747-3495.
SOUND BEACH – gmd lv studio in legal 2 fam hse, full kit & bath w/tub, sep ent & thermo, new carpt & paint, no smkg/pets, suit 1, drway prkg. \$800/mo. 516-650-3852.

For Sale

PORT ST. LUCIE – 2br/2bath, gar, scrnd porch, 1932 sq ft, retired community w/pool, tennis, gym, clubhouse, game rm, low taxes/common chgs. \$143,000. 848-4065.
BROOKHAVEN HAMLET – 4br, 2.5 ba, 2car gar, custom Col. riverfront 1 ac, cul-de-sac on preserve w/pvt/office suite, scenic setting, move-in cond. \$485,000. 286-4584.
BROOKHAVEN HAMLET – brand new 4 brm, 2.5 bath, Post Col., 2 car gar, 2 fpl, 7 acre, Geo thermal heat & cooling, wd flrs, cust. kit w/granite. \$519,000. 445-1986.
S. PATCHOGUE – v/lg 3 bdrm ranch, l block to Bay, cac, eik, newly renov, l/r, formal d/r, den, full bsmt on .5 acre. \$339,900 neg. Jim, Ext. 4705, 929-4978.
SHOREHAM – 5 BR, 3.5 Bath, 3 yrs old, wrap-up-star, 34,848 sq ft, Vault ceilings, wraparnd porch, cent vac, humidifier, ac, mrble f/p, NSWRS, \$679,000. 744-0834.