Department of Physics and Astronomy Newsletter

Fall Semester State University of New York, Stony Brook Winter 1998

Physics for the Next Millennium June 16-17-18, 2000

Please plan to join us for an Alumni and faculty symposium in June of the year 2000. We are actively planning a three-day meeting of talks from you and from the members of the department faculty. We hope to recognize the diversity of fields in which you entered following your graduation from Stony Brook. We also want to share with you the science we've been doing here in the department as well as at our various world-outposts.

We hope you will plan to bring your families for a weekend of talks and socializing. We will be sending notices as the plans become firm. Local accommodations in and about Stony Brook will be reserved for the event.

Stony Brook Alumni Reunion at March APS Centennial Meeting

If you will be in Atlanta this March, you are cordially invited to join us at a reception on Tuesday evening, March 23.

In Exhibit Hall E of the Georgia World Congress Center, the APS "Grand Reunion" will take place. A large fraction of the current (and former) Stony Brook Physics and Astronomy faculty will be there. We look forward to this opportunity to visit with former students and post-docs in order to keep in contact with our world-wide alumni. Stony Brook will share space with Brookhaven Lab so look for the logo banners.

Professor Phil Allen is organizing the event and will be happy to receive suggestions or to field questions (philip.allen@sunysb.edu).

March 20-26, 1999, is the "Centennial Meeting" of the American Physical Society. This general meeting of the APS will include the usual March topics (Solid State, Chemical, Biological and Polymer Physics) and add to them the rest of physics. The usual April meeting is merged this year; its topics are included. This promises to be the largest physics meeting ever held, with numerous

Telephone, e-mail, snail-mail, FAX your interest in attending:

-APS Stony Brook Reunion (above right)

-Physics for the Next Millennium meeting (above left)

Telephone: 516-632-8100
e-mail: philip.allen@sunysb.edu
snail-mail Physics and Astronomy, SUNYSB, Stony Brook, NY 11794-3800

From Mike Martin
Class of '95

I would like to announce that as of October 1, I am a career employee at Lawrence Berkeley National Laboratory. I am the Beamline Scientist for the infrared Beamlines at the Advanced Light Source facility here in Berkeley. This will continue the work I have done here for the past 1.25 years, now as a full staff member. I am pleased to have such an excellent position where I will be able to continue my research as well as collaborate with many other scientists as they come to use our IR beamlines.

Heather is now chief resident in her third and final year as a Family Practice Resident at the San Jose Medical Center. She received her M.D. from Stony Brook in 1996. In all likelihood, we will move closer to

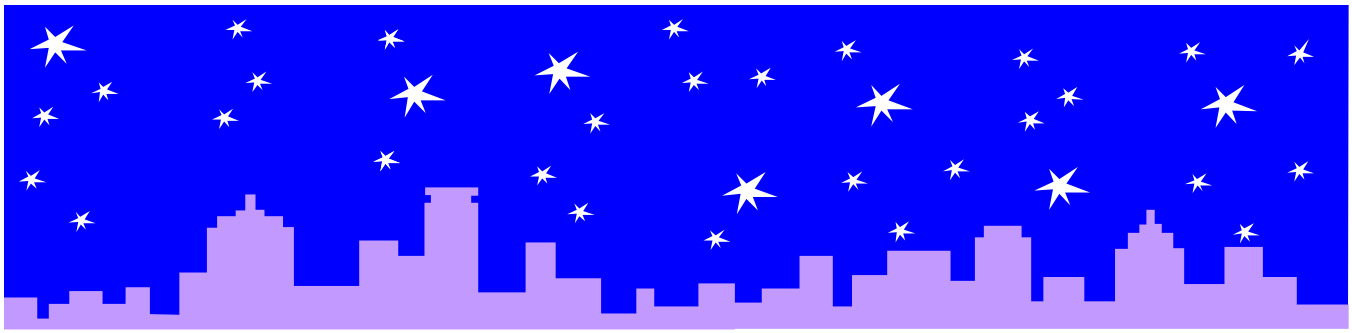
From David Lloyd Owen
Class of '80

It has been almost twenty years now since I completed my Ph.D. at Stony Brook. Following nine years in particle physics research - including two years (D0: 'the early years!') back in Stony Brook with former advisor, **Paul Grannis** - I branched out into the world of commerce.

After several, hectic years with Boston-based supercomputer manufacturer, *Thinking Machines Corporation*, I am now a Program Manager with *Origin*, the IT services division of the *Philips* group.

With Sioned in junior high school and Holly and Marlowe at either end of primary, Jo is launching the French office of UK textile-printing company, Electronic Clothing.

I still look back with fondness on the Stony Brook years, keeping in (irregular!) touch with Paul and **Guido**



Keh-Fei Liu writes

After having spent a few years at Saclay and UCLA as a postdoc, I joined the University of Kentucky in 1980. Currently I am a professor in the Department of Physics and Astronomy. My research emphasis in the last decade has been lattice gauge theory and calculations of hadron structure. The quantities that we calculated include the quark spin content, pion-nucleon sigma term, and various form factors of the nucleon.

I was a recipient of the Humboldt Senior Scientist award in 1991 and consequently my family and I spent 8 months in Juelich, Germany. I was elected a fellow of the American Physical Society in 1997.

I have learned a great deal from the nuclear bull-sessions on Thursday nights to discern the difference between brute-force number crunching and hand-waving arguments. Perhaps the greatest benefit I gained at Stony Brook is experiencing the building of a group. I came here as a lone theorist in nuclear and particle physics. Now we have 7 faculty members, one staff member and several postdocs and students in the group. (**Class of '75**,

Dr. Yao H. Chu

...formerly the Einstein Fellow of the Institute of Theoretical Physics and the Department of Physics Nuclear Theory Group, is the Chairman of Pacific Gold Coast Corp. located in Locust Valley (Long Island, NY) and established in New York since 1988 as a privately held software developer and publisher that specalizes in Windows software, which is actively marketed worldwide in English, French, German, and Japanese versions. Just this last October, Pacific Gold Coast Corp. announced the release of their latest new software, Turbo ZIP Express v1.0 for Windows 95/98/NT 4.0. The designer of this new compression utility to make file extraction as effortless as possible, is David Sun, currently a freshman at Cornell University and the son of Dr. Tan-Na Lee Chu, co-founder of Pacific Gold Coast Corp., and Dr. Yao H. Chu. Aside from the excitement of this release, Yao would like to donate a TurboZIP Express site license to SUNY Stony Brook, which will allow all university-owned computers to use this new product. TurboZIP Express also makes sending and receiving large files over the Internet a much easier task. Many thanks to Dr. Chu!
(**Class of '77;** Advisor: **Gerry Brown**)

My name is Roberto Pons, Ph.D...

...and I am a Stony Brook undergraduate Alumnus, **Class of '82**. I received my bachelor's degree in physics that took me a long way in life and right now I am a Senior Research Assistant at Cornell University. I obtained my Ph.D. in theoretical astrophysics from Harvard University in 1988 and completed two post-doctorate programs at Caltech. I would like to send my most sincere regards to my fellow physics alumni and the department that made me who I am. We will always represent the very best in Stony Brook's tradition of excellence. **Long live Stony Brook!**

Sou-Tung Chiu-Tsao writes:

As "transplanted" New Yorkers from Taiwan, we are finally "repotted" in New York, after eight years in Michigan. After a long year and six interview trips, I settled on the position of Director of Medical Physics in the Radiation Oncology Department of Beth Israel Medical Center in Manhattan (14th St, Union Square area) and St. Lukes Roosevelt Hospital Center (near Lincoln Center area). Beth Israel (affiliated with Albert Einstein Medical College) is making a major effort to become a top medical center. That is why I was attracted to it. I was also awarded an NIH grant on "a Dosimetric study of intravascular brachytherapy. My husband, Hung-Sheng (Dr. Tsao, Class of '72, worked with Ben Lee), got a transfer to New York with Sun Microsystems, as a system engineer. I am very lucky to have a supportive husband. Most of our relatives are in the Metro New York area. Our children stay in Michigan. Our older son, Lee, graduated from U of Michigan this year and took an entry level job as system engineer at Sun Microsystems in Michigan, following his dad's footstep, in a way. Our younger son, Hwa, will be a junior in U of Michigan. He is more interested in social studies.

Sou-Tung (**Class of '74**) also writes that she is looking for a good post-doc, and that the Stony Brook physics department has

Daniel Rohrlich tells us:

"I've lived in Israel ten years already. Almost all that time I've been connected with Tel Aviv University in one way or another, working with Yakir Aharonov. **Fred Goldhaber** participated in some of the work.

Recently I've had a half-time research position there plus a half-time position teaching at an engineering college nearby. This arrangement has some chance of becoming permanent. I've been writing a book on quantum paradoxes with Aharonov and have become interested in quantum information theory.
(**Class of '86**, Advisor: **Max Dresden**)

From Con Beausang

Hi, I was a Stony Brook graduate student in the physics department from January 1983 to July 1987. I did my degree on high spin gamma-ray spectroscopy working with **Dave Fossan** and his group in the Nuclear Structure Laboratory. Stony Brook has some very special memories for me, including a memorable snow storm when I met this girl Cindy, a musician, now my wife - a long story. After Stony Brook I postdoc'ed at Lawrence Berkeley National Laboratory before accepting a staff position at the University of Liverpool, U.K. This was great fun, being an Irishman living in England (honestly), and great physics, Liverpool being one of the world's leading centers for gamma-ray spectroscopy and detector design. While here we did some kick-ass physics on superdeformation, a rather exotic state of nuclear matter and I was intimately involved in the design, construction and running of the Eurogam array, at the time the world's most sensitive gamma-ray spectrometer.

Two years ago my wife and I oscillated back across the Atlantic and I now hold a junior-faculty position at Yale, working in the Wright Nuclear Structure Laboratory. Yale in general is great, for physics, for music, for sailing (I am the new faculty advisor for the Yale Corinthian Yacht Club. Onerous duties include regular dinner at Mory's). Since moving to Yale I have built up the YRAST Ball array, the largest university based gamma-ray spectrometer in the U.S., and probably the world. This spectrometer has been operational for just about a year now and physics results are beginning to roll off the press. I have also organized the first ever Yale Physics Olympics. This is an idea I developed in Liverpool based on a similar project I saw years before in Stony Brook (organized by Cliff Swartz). The Physics Olympics (not Olympiad) is a day-long experimental physics competition for teams of high school students. The idea is to enthuse the students and to show them that physics can be, and is, fun! During the day the students, working in teams of four, and using simple apparatus participate in a series of common-sense based physics experiments. At the end of the day the results are tabulated and the winning teams get to take home prizes to show off to their athletic department jock-friends. This year the Olympics has gone intercontinental with simultaneous competitions being held in Liverpool, U.K., Perth, Australia and Yale, U.S.A. (**Class of '87**)

Then: 1964...

Front to back, left to right: Row 1: James Raz, Clifford Swartz, Juliet Lee-Franzini, Arnold Feingold, Peter Kahn, T.A. Pond. Row 2: Richard Mould, Robert deZafra, Newton Kupelian (student), Herbert Muether, Mohammed Lone, David Fox, Harris Fischer (‘70), Nandor Balazs, Yi H. Kao, Leonard Eisenbud. Row 3: Charles Sommers (student), Narciso Garcia (‘69), Charles Shapiro (‘69), Mendel Beer (‘68), Harold Yarger (‘68), John McFaden (‘69), Bill Sutherland (‘68), Mr. Kim (student), Ed Marsten (‘68), Scott Andrews (student).

Endowment Account

Gerry Brown has devoted much energy over the past two years to establishing and building a Physics and Astronomy Department Endowment Account that now, at over $100,000, is the largest in the College of Arts and Sciences. We send our many thanks to those of you who have assisted in establishing this successful

And Now..
Too many to name!

DEPARTMENT OF PHYSICS AND ASTRONOMY
1997-1998

Editor's Note:

As Editor, I'd like to take some space to talk about a very important person in our department, someone whom most of you knew during your stay at Stony Brook and who kept things moving, often transparent to you so you could concentrate on your studies and research rather than paying attention to the 'sometimes tough' SB bureaucracy. This person, of course, is Pat Peiliker.

Pat came to the department in 1970 and became Graduate Secretary in 1972. This means that Pat has shepherded 587 of the 633 Ph.D.s that this department has granted. She solved your billing problems, your class credit difficulties and guided you through the maze of degree requirements. To many, she became your friend and remains in contact with you.

In 1995, Pat was awarded the Edna Owens award for "dedication to University resourcefulness and imagination in performance of duties, outstanding ability and accomplishment" - things with which I'm sure you agree.

During my 10 years at Stony Brook, I've traveled to national and international Physics meetings about twice a year, often making connections with alumni. The first question I'm asked about the department is always, "Is Pat still there?" - she sure is!

Editor: Pam Burris

2000 Committee:

Phil Allen (Chair)
Gerry Brown
Pam Burris
David Fossan
Mike Marx
Deane Peterson
Jack Smith

William M. Smith, Ph. D. Class of '76

Bill's first employment (1977-85) after graduation involved the creation and direction of a $25 million/year energy management program at Pacific Gas & Electric based in San Francisco, CA. This effort promoted voluntary reductions in energy use by residential, commercial, industrial, and agricultural customers during times of peak electrical demand. During the summers of 1983 & 1984, Bill was able to avert invoking the statewide electrical emergency plan by operating this program.

He subsequently moved on to the Electric Power Research Institute (EPRI) where he has held several positions that have led to national recognition for leadership in energy, electronics, technology research/commercialization, and industrial competitiveness. This last activity led to the formation of the EPRI Partnership for Industrial Competitiveness (EPIC) that developed environmental, energy, and productivity improvement recommendations for manufacturing industries. His most recent exploits include a collaboration with SEMATECH, the international semiconductor research consortium, in forming the EPRI Center for Electronics Manufacturing (http://www.epri.com).

Bill and his family enjoy sailing (on the Bay!), scuba diving (warm water!), skiing, and bodysurfing (well, at least Bill does). They live in the Oakland hills with a magnificent view of the Bay. Bill's son (class of '98) just graduated from Stony Brook with an M.S., Materials Science from the Engineering Department. His first job is with Caterpillar, Inc. in Peoria, Illinois at their Technical Center.

Bill's advice to physics and astronomy students: the background of knowledge you are building will provide you with enormous versatility that will enable you to pursue a variety of interests and disciplines after you graduate - use

Cheers from Jeffrey M. Sears, '98

I completed my Ph.D. studies in March, 1998. In my research, I used the techniques of high-spin gamma-ray spectroscopy to investigate collective rotational properties of Sn, Te, and Xe nuclei in the mass-110 region.

Towards the end of my studies, I decided to pursue a most unusual course for a physicist: I applied to law school. My decision was motivated by my interest in law and my desire to apply my physics background in a novel way. I am currently a first-year student in the JD program at the School of Law of New York University. While the curriculum does present its share of new challenges, the skills of analytic thinking which I learned in physics have proven quite useful in this endeavor as well. I eagerly anticipate being able to apply my technical expertise in the near future to the complex legal and scientific issues involved in patent litigation. (Advisor: **David Fossan**).

B. Alex Brown Professor at Michigan State University

I recently returned from a sabbatical in Europe and South Africa with my family (Mary, Elizabeth and Mark). We started out in the fall of 1997 in Darmstadt where I worked at GSI and was supported by a reinvitation from my Humboldt Senior Research Award in 1991. We spent November in Thessaloniki, Greece and Tel Aviv, Israel. December and January were spent in the warmth of the South African summer where I was a Visiting Professor at the University of Stellenbosch (near Capetown) working with my colleague Werner Richter. We spent the last six months in Oxford, England, and happened to end up renting a house a few doors away from the house I rented in 1980. My host was Nick Stone in the Clarendon Laboratory. The children came back with the appropriate combination of German, South African and British accents. (Advisor: **David Fossan**, **Class '74**)

Astronomy Open Night: Alive and Well!

Astronomy Open Night will celebrate its 25th anniversary during 1999-2000. The initiating event was the discovery of Comet Kohoutek, which raised great public interest (and unmet expectations). Given the interest, we decided to start a regular series of lectures in 1974, which have continued without interruption. Over the years attendance has grown steadily with our monthly announcements now mailed to over 900 people. Interestingly, comets still play a significant role; extra lectures were added to accomodate the interest in

Faculty Awards, Prizes, Special Distinction

In the last issue of the Newsletter we reported that Prof. **Igor Aleiner** received an A. P. Sloan Research Fellowship. Well, he has now done one better, receiving a Packard Fellowship in addition, the first faculty member at Stony Brook to do so.

We also have another recent fellowship winner in the Department, Prof. **Luis Orozco**, who received a Guggenheim. He is on sabbatical leave at NIST, working in the laboratory of last year's Nobel laureate William Phillips. Dr. Phillips was our Sir Run Run Shaw speaker this semester. During his visit he also gave a very well attended public lecture, and spoke at the ground breaking of the Optical Sciences Center, directed by Prof. **Harold Metcalf**. This center received substantial funding from Symbol Technologies, Renaissance Technologies, Olympus Corporation, and the University.

As this Newsletter is going to press, Prof. **Gerry Brown** is in Denmark to receive an honorary degree from the University of Copenhagen. Prof. **Emilio Mendez** is just back from Spain, where he accepted the Principe de Asturias Prize from the Crown Prince with much pomp in a solemn ceremony.

When this year's Nobel Prizes for the discovery of the fractional quantum Hall effect were announced, the background material released by the Nobel Foundation (http://www.nobel.se/announcement-98/phyback98.pdf) included the following: "The second central element in the theoretical explanation of the fractional quantum Hall effect is the fragmentation of charge. Direct verification of the existence of fractionally charged quasi particles have so far been obtained by three groups using two different methods: By **Vladimir Goldman** and **B. Su** of the State University of New York at Stony Brook in 1995 from measurements of resonant tunneling currents and in 1977 by groups...in Israel and ...in France." and further on: "An alternative generalization of the theory of the 1/m-states by **Jainendra Jain** from 1989 is particularly interesting; Jain describes the fractional quantum Hall effect as the integer effect for composite particles where an even number of flux quanta are bound to each electron (composite fermions). This is the second year in a row that work of our faculty is cited in the announcement of the prize!

When the American Physical Society meets for its Centennial Meeting next March, Prof. **C. N. Yang** and Prof. **Barry McCoy** will be honored during the Ceremonial Session. We hope that many of you will be in attendance! Frank will receive the 1999 Lars Onsager Prize of the American Physical Society for "fundamental contributions to statistical mechanics and the theory of quantum fluids, including: the circle theorem, off diagonal long range order and flux quantization, Bose-Einstein condensation, and one-and two-dimensional statistical mechanical models". Barry will be co-recipient (with T. T. Wu and A. Zamolodchikov) of the 1999 Dannie Heineman Prize for Mathematical Physics, for "their ground breaking and penetrating work on classical statistical mechanics, integrable models, and conformal field theories".

More words from afar...

Umesh Garg, writes to say he has been at Notre Dame since 1982 following his postdoc stint at Texas A&M University. He's not made it back to Stony Brook in many years and asks, "Are they still digging up all over the campus?" followed by "I understand the 'Bridge to Nowhere' now goes somewhere and Stony Brook has a genuine football team! At Notre Dame, we take these things seriously!" (**Class of '78**, Advisor: **David Fossan**)

Leslie J. Sage, **Class of '87**, is currently the Astronomy Editor for *Nature*. (Advisor: **Phil Solomon**)

Brian Harris writes: "I am currently a postdoctoral physicist in the High Energy Theory Group at Argonne National Laboratory. My Stony Brook education is serving me well and my respect for the place continues to grow. I'm looking forward to the alumni meeting in 2000!" (**Class of '95**, Advisor: **Jack Smith**)

Vincent Vento, **Class of '80**, writes: "I am Professor of Theoretical Physics at the University of Valencia in Spain. Besides physics, I enjoy cycling and skiing. My memory of my graduate student years is still very vivid. It was a very profitable experience both professionally and humanistically." (Advisor: **Gerry Brown**)

Who's Here Now?
PHYSICS /ASTRONOMY GROUPS

Accelerator Physics

Ben-Zvi, Ilan	Adjunct Professor
Peggs, Steve	Adjunct Professor

Active Emeriti

Balazs, Nandor	Active Professor Emeriti
Feingold, Arnold	Active Professor Emeriti
Finocchiaro, Guido	Active Professor Emeriti
Fox, David	Active Professor Emeriti
Good, Myron	Active Professor Emeriti
Mould, Richard	Active Professor Emeriti
Muether, Herbert	Active Professor Emeriti
Swartz, Clifford	Active Professor Emeriti and Adjunct Professor

AST

Forman, Miriam	Adjunct Professor
Lanzetta, Kenneth	Associate Professor
Lattimer, James	Professor
Lissauer, Jack	(at NASA, Ames) Adjunct Professor
Peterson, Deane	Associate Professor
Simon, Michal	Professor
Solomon, Philip	Professor
Walter, Fred	Associate Professor
Wijers, Ralph A.M.J.	Assistant Professor
Yahil, Amos	Professor

Atmospheric Physics

de Zafra, Robert	Professor
Geller, Marvin	Adjunct Professor

Atomic Physics

Bergeman, Thomas	Research Professor
Koch, Peter	Professor
Marburger, John	Professor
Metcalf, Harold	Professor
Orozco, Luis	Associate Professor
Ryan, Robert	Visiting Faculty

Condensed Matter

Aleiner, Igor	Assistant Professor
Allen, Philip	Professor
Averin, Dmitri	Associate Professor
Goldman, Vladimir	Professor
Gurvitch, Michael	Professor
Jain, Jainendra	Professor
Likharev, Konstantin	Professor
Lukens, James	Professor
Mendez, Emilio	Professor
Mihaly, Laszlo	Professor
Semenov, Vasili	Research Associate Professor
Stephens, Peter	Professor

High Energy Physics

Engelmann, Roderich	Professor
Grannis, Paul	Distinguished Professor
Hobbs, John	Assistant Professor
Jung, Chang Kee	Associate Professor
Lee-Franzini, Juliet	(in Italy) Adjunct Professor
McCarthy, Robert	Professor
Rijssenbeek, Michael	Professor

ITP

Brown, Gerald	Professor
Goldhaber, Alfred	Professor
Korepin, Vladimir	Professor
McCoy, Barry	Professor
Rocek, Martin	Professor
Shrock, Robert	Professor
Siegel, Warren	Professor
Smith, John	Professor
Sterman, George	Professor
vanNieuwenhuizen,Peter	Professor
Weisberger, William	Professor
Yang, Chen N.	Einstein Professor

Nuclear Experimental

Fossan, David	Professor
LaFosse, Dennis	Visiting Faculty
Lee, Linwood	Professor
Lourie, Robert	Adjunct Professor
McGrath, Robert	Professor
Paul, Peter	Professor
Sprouse, Gene	Professor

Nuclear Theoretical

Brown Gerald	Dinstinguished Professor
Kuo, Thomas	Professor
Prakash, Madappa	Research Assistant Professor
Shuryak, Edward	Professor
Sorge, Heinz	Visiting Assistant Professor
Verbaarschot, Jacobus	Associate Professor
Wirzba, Andreas	Visiting Assistant Professor
Zahed, Ismail	Professor

Physics Education

Graf, Erlend	Associate Professor
Kahn, Peter	Professor
Nathans, Robert	Professor
Strassenburg, Arnold	Professor

RHIC

Drees, Klaus Axel	Assistant Professor
Hemmick, Thomas	Associate Professor
Jacak, Barbara	Professor
Marx, Michael	Professor

X-Ray Physics

Jacobsen, Chris	Associate Professor
Kirz, Janos	Distinguished Professor

Missing Alumni

If you recognize the names and where-abouts of any of the alumni listed, please email Diane Siegel at diane.siegel@sunysb.edu.

Abbud, Fuad-Theodore
Andrus, Winfield-Scott
Arian, Yair
Bao, Zenlei
Barouch, Eytan
Bhattacharya, Ranjan
Bi, Baokang
Chang, Lit-Deh
Chernyshev, Sergey
Chu, Yu-Hua
Cochavi, Saadia
Danehy, R.
Darby, Desmond
DeGuzman, Gonzalo
Del Cueto, Joseph
Dev, Goutam
Ding, Jianzhong
Durgut, Metin
Eastaugh, Alexander
Fischer, Harris
Flees, Daniel
Ganapathi, Venkatesh
Genova, James
Giraldo, Jose
Goldberg, Malcolm
Gupte, Neelima
Halpern, Paul
Henson, Sylvestus
Huang-Lin, Lih-J.
Ilachinski, Andrew
Jain, Aloke
Jing, Ze
Kim, Yong Ha
Kong, Xiang Pen
Krenciglowa, Eugene
Lakshminarayan, Arulmar
Lapointe, Jean
Lasker, Leslie
Lee, Shiu-Pang
Lee, Tsung-Wen
Leung, To Chi
Li, S.P.
Lin, Jiunn-Yuan
Lin, Zhen
Liu, Yi
Lone, Muhammad
Lopez, Charlie
LoPinto, Frank
Lovelock, Dale
Manivannan, Kandiah
Marshall, Alan
Marston, Edwin
Martin, Geoffrey
McFadyen, John
McNicholl, Patrick
Mendiratta, Sushil
Monteiro, Vivek
Padua, Sebastian
Phatak, Sudheer
Ramanan, S.V.
Ray, Subhankar
Razzaghe-Ashrafi, Babak
Ren, Baorui
Ren, Xuemin
Resat, Haluk
Roldan, Jose
Salihoglu, Selami
Salingaros, Nikos
Sauvageau, Joseph
Sen, Subrata
Shapiro, Charles
Shroy, Robert
Shu, Fang
Slowik, Donald
Tang, Shuang
Tse, Teddy
Um, Gregory
Wan, Zhimin
Wan, Kelin
Warman, Josef
Wu, Weikang

Symmetries and Reflections

This year C.N. Yang is retiring as Einstein Professor and Director of the Institute for Theoretical Physics. To mark this occasion and celebrate his many achievements, a symposium, “Symmetries and Reflections”, will be held at the Stony Brook Student Activities Center on Friday and Saturday, May 21 and 22, 1999. More details can be found on the web site:

http://insti.physics.sunysb.edu/itp/symmetries-99/

We Want to Hear From You!

Name (including name at time of graduation, if different):_____

Home Address:_____

City:_____State:_____Zip:_____

What year did you graduate from Stony Brook?_____Degree(s) awarded:_____

Advisor:_____Class of:_____

What is your profession? (occupation, title, employer):_____

_____

Please list anything personal or professional that you would like included in future newsletters:_____

_____

_____

_____

_____

Would you like to share professional advice with current physics and astronomy majors?_____

_____

_____

•Yes! I would like to make a donation of $_____to the Endowment Fund of the Department of Physics and Astronomy!
•Please send more information regarding the Endowment Fund.

Make checks payable to SB Foundation account #362390, Department of Physics and Astronomy, SUNYSB,

STONY BROOK
State University of New York at Stony Brook
Department of Physics and Astronomy