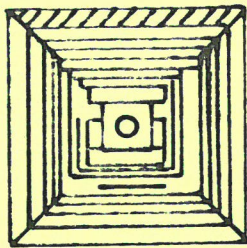


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LNS NEWS

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September 30, 1985

Lab. for Nuclear Sci.
M.I.T.
Cambridge, Ma.

Vol. 4 No. 4

ATTENTION GOOD COOKS

Now that summer is over, it is a good time to think Christmas!!! At LNS Headquarters we have decided to put together another "LNS COOKS" booklet with the proceeds to go to a needy charity at Christmas. If you have a favorite recipe or suggestions for this endeavor, please send them to Donna Henderson, 26-505. Also, if you have a favorite charity that we could donate the funds to, let us know and we will take them into consideration. Don't forget these booklets are usually filled with great recipes and make great stocking stuffers.

- Donna Henderson

for example from our last book:
Dave's Chili
 1 lb. ground beef
 2 cans red kidney beans in water
 1 c. chopped onions
 1-2 c. chopped celery
 3 Tb. Chili powder
 2 small cans tomatoe sauce
 3 Tb. corn syrup
 2 chopped cherry peppers (hot)
 Cook ground beef and drain.
 Precook onions and celery. Add to ground beef all ingredients and simmer for 1/2 hour or until beans are heated but not mushy.
 Dave McCurley

New Appointments

Joy Gurrie - has joined the Bates group as an Engineering Technical Assistant.

Dr. Efstratios Manousakis - has an appointment with the Center for Theoretical Physics. Dr. Manousakis recently received his Ph.D. from the University of Illinois at Urbana.

Jacqueline Meric - has joined the EMI group at CERN as an Administrative Secretary for the Administration and Communications group.

Dr. Stephen Tether - joined the UAl group to help set up an emulator farm for Prof. Revol. Dr. Tether did his graduate work with the APC group.

Antonio Vazquez has accepted a faculty position at U. Mass in Boston and has been appointed as a Research Affiliate at Bates.

Dr. Barton Zwiebach - has joined the CTP. He is a particle theoretical physicist. His last position was with Lawrence Berkeley Laboratory, California.

Promotions

- John Byrne, Bates, to Tech. A
- Richard Campbell, Bates, to Tech A
- Richard Coviello, Bates, to Driver/Utility

Umberto Fazio, Machine Shop, to
Machinist A

James Grenham, Bates, to Project
Technician

Donna Henderson, Headquarters, to
Administrative Assistant

Frances Justice, Astrophysics, to
Administrative Assistant

Toivo Rannikko, Bates, to Project
Technician

New Graduate Students

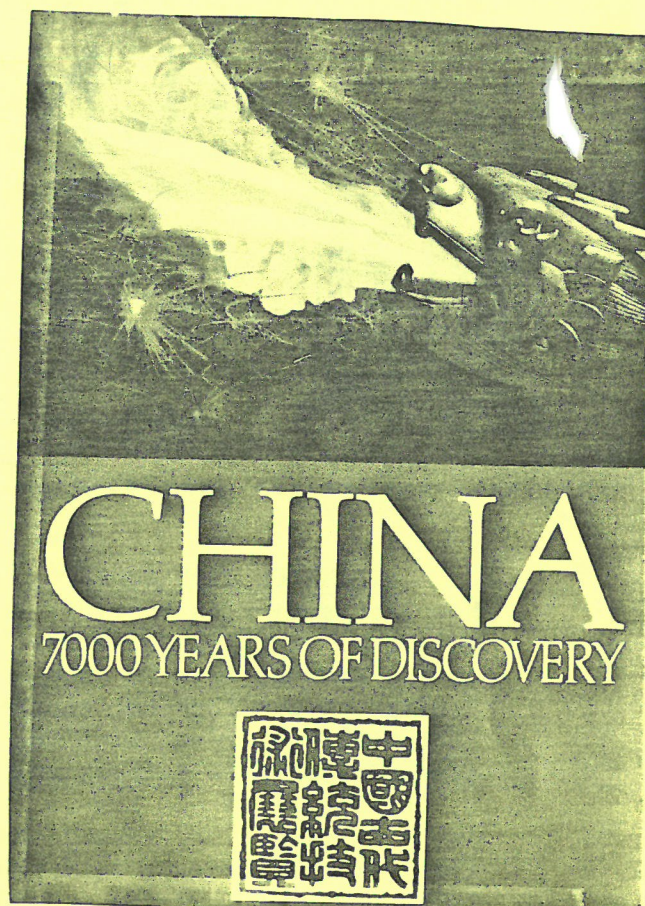
Mark Baker
Yuan-Hann Chang
Brian Cole
James Costales
Hrvoje Hrgovic
Richard Morse
John Morrison
Steven Penn
Jian Ming Qian
Xin Wu

Those Leaving

Mark Lilley, an Electronic
Technician in the experimental
support group, has resigned to
take an industrial job in Vermont,
his home state.

China Exhibit

We are arranging a group tour for
the China 7000 Years of Discovery
Exhibit at the Museum of Science.
Tentatively, we have chosen the
date of October 22 at 7:00 P.M.
We have obtained a reduced rate of
\$6.00/per person. Spouses are
invited. We are also planning a
dinner at the Mandarin Restaurant
before the exhibit, however, that
will be done separately and we
will have more details later. If
you'd like to attend, please pay
\$6.00 as soon as possible to Jean
Flanagan, 26-505. Checks should
be made payable to the Museum of
Science. When everyone interested
has paid, the Museum will send us
a confirmation and tickets.



Job Openings

Staff Accountant - to participate
in the preparation of monthly
financial reports, budget proposal
submissions, and cost and price
analyses using the VAX 11/780
under the direction of the
Laboratory's Fiscal Officer. Will
also become involved in monitoring
and reconciling monthly research
expenditures in excess of \$20
million/year. Will also be
required to initiate and carry out
special projects and reports, as
necessary, to internal and
external agencies. May exercise
functional supervision over
Support Staff personnel.
Bachelor's degree in accounting or
related field and one to three
years of directly related
experience or an equivalent
combination of education and
experience required. Good
interpersonal skills and the

ability to work independently essential. Familiarity with VAX and/or personal computers highly desirable. MIT experience preferred.

Sr. Secretary - to provide secretarial support for approximately 15 scientists in the Center for Theoretical Physics. Will prepare referee reports, correspondence and will type technical manuscripts with equations. Additional duties will include arranging travel plans and maintaining computerized mailing list and accounts. Good organizational and prioritizing skills desirable. Excellent secretarial and dictaphone skills required. Willingness to learn TeX and Mass 11 word processing on a Vax Computer desirable. Minimum 2.5 years direct/related experience required.

Newsworthy Notes

Mary DeChicco, daughter of Tom DeChicco, received a B.S. from Northeastern University and graduated Cum laude in June 1985.

Bill Burger received his Ph.D. in June 1985 and is now a postdoc at S.I.N.

Jean Kelley has been hired as a secretary in the Radiation Group. She is the daughter of David Kelley, Supervisor of the mechanical crew at Bates.

Dan Baker has broken his old record. He has caught 257 lobsters this year and is still going strong.

The Bates Users' Theory Group held a workshop at MIT in August on "Relativistic Effects and Hadronic Structure." Prof. Franz Gross of CEBAF chaired the meeting.

The Bates Linear Accelerator Users Group held their annual meeting at Bates on September 18th. The meeting was devoted to talks on Bates facilities and the physics best suited to fully utilize the laboratory. The meeting ended with a business session and banquet at Michael's Grand Cru Restaurant.

Chip Britt has left DOE and Ed Gross has taken his place. He will visit the Heavy Ion group on October 11th.

Congratulations to Stanley Kowalski who has been promoted to Professor.

Ron Hoffmann of the EMI group was recently featured in an article in the Boston Sunday Globe (9/1/85), on Ham radio operator's exams.



Volunteer testing crew (l. to r.) Ron Hoffmann, Steve Finberg and Jim Edgerton get set to administer code and theory exams for prospective ham operators.

GLOBE STAFF PHOTO BY JOHN TLUMACKI

The Program Advisory Committee met at Bates on September 19 and 20 to hear proposal talks and to formulate recommendations to the director. Thanks are extended to outgoing chairman, Dirk Walecka and Jack Lightbody who have completed their terms on the committee.

Congratulations are in order to Robert Redwine who has received tenure.

The summer shutdown has ended and the fall running period is scheduled to start in early November after an extended shakedown and tuneup period for the Linac and the Tritium Target. It is expected that transmitter #6 will be ready for this period. The addition of this transmitter will increase the energy of the recirculated beam to 850 MeV.

Bill Donnelly has received a Humboldt U.S. Senior Scientist Award.

Allan Edwards, Accounting, finished the 13th Annual Wolfboro Sports Gnome Bicycle Race up the (4700ft) 8 mile auto road of Mt. Washington. Three-hundred-ten cyclists entered the race and 225 finished. Allan plans on entering again next year. Bruce Bailey is a veteran finisher of the same race.

T_EX News

PCT_EX

PCT_EX is a complete implementation of T_EX82 and will now run on the IBM PC. PCT_EX comes with two versions of the T_EX program, one for running systems with 512K RAM memory, and the other for 640K RAM. Three macro packages are included: the PLAIN macro package, which is the most fundamental; the PCT_EX macro

package, which with its accompanying user manual guides the beginning or intermediate user in the use of the system; and the LaT_EX macro package and documentation, which provides a full featured document preparation system. The system performs well, compiling the T_EXbook in an average of 25 seconds per page on the IBM PC/XT, and 7 seconds per page on the IBM PC AT.

Lecon de francaise

Is anyone interested in joining a beginning French class? These classes meet once a week during lunch hours. The course is taught by Berlitz teachers and the cost of the course is covered by the M.I.T. tuition assistance program. If you are interested, please contact Jean Flanagan 3-2361.

Letters to the Editor

LNS is opening up a forum column of letters to the editor. We invite you to say what you think. There will be no censorship. The only criterion is that items discussed be LNS/MIT related. You don't need to sign letters and they will be held in strict confidence. Letters should be addressed to Jean Flanagan, 26-505.

Thanks to Bill Lobar for your help in compiling and preparing the information for this newsletter.

Thanks to Donna Henderson for your help in wordprocessing and paste up for the newsletter.

Thanks for sharing news:

Dick Adams
Donna Henderson
Ron Hoffmann
Bill Lobar