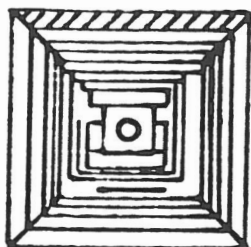


# LNS NEWS

Sept 26, 1983



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

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## WELCOME TO THE NEW DIRECTORS

**PROFESSOR ARTHUR K. KERMAN**, previous director of the Center for Theoretical Physics, was appointed as Director of the Laboratory effective 1 July 1983. Prof. Kerman is a member of the White House Science Council and the Department of Energy/National Science Foundation Nuclear Science Advisory Committee. He holds a B.S. degree from McGill University and a Ph.D. from M.I.T.

**PROF. ERNEST J. MONIZ** is the new director of the Bates Linear Accelerator Center. Prof. Moniz is a 1966 Boston College graduate (summa cum laude) and received the Ph.D. degree from Stanford University in 1971. Prof. Moniz' research is in the field of medium energy physics. His best known work is the formulation of the isobar doorway model for the interaction of pions with nuclei and the propagation of isobars of the nucleon in nuclear matter.

**PROFESSOR JEFFREY GOLDSTONE** has succeeded Prof. Kerman as Director of the Center for Theoretical Physics. Prof. Goldstone has a B.A. and a Ph.D. from Cambridge University. Prof. Goldstone is a well-known theorist, who has made outstanding contributions to the field.

## Appointments

Metin Arik is a Sponsored Research Staff Visitor to the Center for Theoretical Physics from Bogazici University, Istanbul, Turkey.

Boris Blanter has been appointed as an Instrumentation Engineer in the APC Group. Mr. Blanter is working on the design, development and testing of instrumentation pertinent to research at FermiLab.

Joseph J. Comuzzi, Sponsored Research Staff at Bates is working on the development of data acquisition systems.

Benjamin C. Craft has been appointed as a Sponsored Research Staff member and is working at Bates.

Lutz Dohnert is a Visiting Scientist on sabbatical leave from the Univ. of Central Venezuela. He is working in the Center for Theoretical Physics.

Victor Franco is on sabbatical leave from Brooklyn College and has been appointed as a Visiting Scientist.

Donald Hagerman has been appointed as a Visiting Scientist at Bates. Dr. Hagerman is from Los Alamos National Laboratory where he is the Associate Division Leader for the MP Division.

Michelle M. LaPlante is a Northeastern Coop student who is working with the Medical Imaging Group.

Catherine P. Lewinson is a Senior Secretary for Prof. Moniz. Catherine transferred to the Laboratory from Sloan School.

Rachel Meisel is a Senior Secretary for the EMI Group and will be working with Prof. U. Becker and the Muon Chamber L-3 group.

Daniel Mullane is a Northeastern Coop student at Bates.

Donna M. Paul is working in the Fiscal Office as a Senior Accounting Assistant.

Robert E. Pywell has been appointed as a Research Affiliate at Bates and will work of the design of the magnetic spectrometer.

Teri A. Radmer is a Senior Secretary with the APC group. Ms. Radmer transferred from the Office of Sponsored Programs and is a graduate of Swarthmore College.

Alfredo Saab has rejoined the Bates staff as an Accelerator Controls Engineer.

Toru Suzuki, a nuclear theorist, has been working at Niels Bohr Institute, Denmark. Dr. Suzuki is a Sponsored Research Staff member in the Center for Theoretical Physics.

Fu-yun Xi is a Sponsored Research Staff Visitor from the Chinese University of Science and Technology, Hefei, PRC. Dr. Xi is working with the EMI group on instrumentation development for the L-3 experiment.

Hidenaga Yamagishi is a particle theorist and has been appointed as a Sponsored Research Staff. Dr. Yamagishi recently received a Ph.D. from Princeton University.

Zi-ping Zhang is a Sponsored Research Staff Visitor from the Chinese University of Science and Technology, Hefei, PRC. Dr. Zhang is working with the EMI group on instrumentation development for the L-3 experiment.

#### Promotions

Robert J. Abruzzio to Senior Technician at Bates effective July 4, 1983.

Ernest R. Bisson to Sponsored Research Technical Staff at Bates where he is a Systems Programmer effective July 1, 1983.

Richard J. Campbell to Technician B (electronic) at Bates as of July 11, 1983.

Joseph P. Dzengeleski to Senior Technician at Bates effective July 4, 1983.

Jacob B. Flanz has been promoted to Research Scientist, and made Associate Group Leader of Operations. Dr. Flanz is a graduate of the University of Massachusetts and began working at Bates in 1979 as an Accelerator Physicist.

Donna Henderson to Senior Secretary in the Headquarters as of July 1, 1983.

Gregory M. Horlick to Sponsored Research Technical Staff at Bates where he is a Chief Operator.

Mark A. Humphrey to Senior Technician at Bates effective July 4, 1983.

Daniel W. Payne to Technican A at Bates effective July 4, 1983.

Glen D. Ross to Project Technician with the Counter Spark Chamber Group effective July 4, 1983.

Wayne Ryan to Technican B (E/M) at Bates effective July 4, 1983.

Donna M. Sears to Office Assistant/Lead Secretary in the Purchasing Office as of September 1, 1983.

Geoffrey S. Watson to Senior Stock Clerk at Bates as of July 4, 1983.

#### Weddings

a. A real Bates wedding took place on June 25th when Shiela Fossa (secretary) and George Dodson (physicist) were married by Don Biron (mechanical engineer).

b. Ann Barber (grad student) and David Tardiff were married on June 4th.

c. Karen Flodman (grad student) and Scott Dow were married on June 25th.

d. Dan Baker's (mechanical engineer) son Douglas was married to Susan Stone in March.

e. Judith Gould (Buyer) was married to Tom Sutter on May 7, 1983, in the MIT Chapel.

f. Frederic Eppling's (Associate Director) son, John Eppling, was married to Shakti Khanna in India. John Eppling has been a Fulbright Fellow in India for the past two years.

## Births

a. Jan Distelbrink (physics engineer) is a father for the second time. Katarina gave birth to a boy, Martin Johannes, on June 6th.

b. David Kelley (Shop Foreman) is a first-time grandfather. His daughter, Carol had a boy, Joshua Paul, on July 22, 1983.

## Newsorthy Notes

Dick Adams has been appointed as Acting LNS Property Officer.

Robin Verdier has been appointed as Chairman of the LNS Computer Committee.

During July, Ben Craft conducted a course in elementary Fortran for the Operations Crew at Bates.

Jean Hudson's (Travel Officer) daughter, Valerie Hudson Doherty, was capped and graduated from the Waltham Hospital School of Nursing on July 5th.

Nicole Adams, daughter of Richard and Carmen Adams, has begun her freshman year at Colby College, Waterville, Maine.

The LNS Quarks Softball Team had an outstanding season with 8 wins and only 2 losses. The team members were:

Mike Bennett  
Jim Bober  
Bob Calileo  
Mark Damian  
Tony Damian  
Tom DeChicco  
June Desmarais  
Larry Egan  
Charlie Forte  
Don Goloskie  
John Hartman  
Dave Krowitz  
Kathy Normile  
Cliff Peacock  
Pat Pengeroth  
Wayne Ryan  
Martin Schulze  
George Sechen  
Paul Simmons  
Jon Urheim

## Holiday list

The following are recognized Institute holidays during the upcoming academic year and the days on which they will be observed:

Columbus Day	Monday, Oct. 10
Veterans' Day	Friday, Nov. 11
Thanksgiving Day	Thursday, Nov. 24
Christmas Day	Monday, Dec. 26
New Year's Day	Monday, Jan. 2
Martin Luther King Day	Monday, Jan. 16
Washington's Birthday	Monday, Feb. 20
Patriots' Day	Monday, April 16
Memorial Day	Monday, May 28
Independence Day	Wednesday, July 4
Labor Day	Monday, Sept. 3

## Purchasing Changes

If you've been lost on the 5th floor perhaps we can help you find your way.

Purchasing is now in 26-516 and 26-524, where Drafting and Engineering used to be. Drafting and Engineering is where the Fiscal Office was and the Fiscal Office is where Purchasing was. Word Processing is in 26-524 and General Services is in 26-537.

<u>LNS Purchasing:</u>	<u>Old:</u>	<u>New:</u>
T.A. DeChicco	26-525	26-516A
C. Peacock	26-519	26-516
J.G. Sutter	26-519	26-516
C.W. Blake	26-519	26-516
D. Sears	26-519	26-516
C. Murphy	26-519	26-524
M. Greene	26-519	26-524

<u>Word Processing:</u>		
A. Verhulst	26-537	26-524

<u>LNS Fiscal Office:</u>		
A.J. Scully	26-529A	26-525
P. Ryan	26-529	26-519
D. Paul	26-529	26-519
B. Costello	26-529	26-519

<u>LNS Drafting &amp; Engineering:</u>		
B.M. Bailey	26-516A	26-529A
D. McCurley	26-516	26-529
D. Nicoll	26-516	26-533
G. Rowe	26-524	26-533A

<u>General Services:</u>		
R.W. Calileo	26-557	26-537

<u>Heavy Ion Group Students:</u>	26-533	26-551
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<u>Medium Energy Physics Students:</u>		
	26-533	26-557



**Bob Calileo (General Services) building his strength before the game.**



**George Sechen cooks for the Softball Team Annual Barbecue.**

**Mary Normile transferred to Buildings and Grounds after eight years with the Laboratory in various clerical and secretarial positions.**



**The Purchasing Staff — left to right, Tom DeChicco, Cheryl Murphy, Charlie Blake, Mary Normile, Cliff Peacock, Donna Sears, and Judy Gould Sutter.**



**Bob Byrda, Emmie Munroe, Mike Aloisi and Jerry Fiumara rest after doing all the cooking for the luncheon barbecue given in Mary Normile's honor.**

**Emil DeAgazio  
1920-1983**

"From his heart, through the people he loved. Images spread, and intuitions lived, more than the mere sense of what he said." --poet Richard Murphy.

Emil began working in the Laboratory in 1947, after graduation from M.I.T., and just one year after the Laboratory began. A Senior Electronics Design Engineer and Supervisor of the LNS Electronics Shop he made many valuable contributions to the Laboratory's development, particularly for Bates and the EMI group. Emil retired June 30, 1981.

Although Prof. Peter T. Demos has retired as Director of Bates he is vigorously involved with beam break-up calculations, the Tritium experiment and with teaching Physics 813- Junior Physics Lab.

Wordprocessing -- Mass-11 has been updated. The new version called 3-F has several new features, a multi-column capability, index generator, automatic hyphenation, multiple paste buffers and the capability to go to command level while editing. Copies of the enhancements are available from Anne Verhulst in her new office, 26-524.

#### RESEARCH NEWS

#### COUNTER SPARK CHAMBER GROUP

Members of the Counter Spark Chamber Group are involved in experiments both at Fermilab and at the Stanford Linear Accelerator Center. At Fermilab, we are preparing an experiment to study the scattering of high energy muons; we are also busy analyzing data taken in our neutrino scattering experiment during the last two years. Our program at SLAC also involves two experiments: the construction of a large state-of-the art detector to be used at the Stanford Linear Collider, and the mount of an experiment to be performed at the PEP storage ring where we will search for evidence for supersymmetric particles.

#### IN CLOSING

THANKS to A. Dubroc, W. Lobar, C. Peacock, T. Radmer, and G. Schultz and S. Whitaker sharing news with us.

Thanks to Donna Henderson for her typing and paste-up support.

Please share some news with us. We would like to have more research news as we have had in the past.

Please send information to LNS HQ 26-505.

Prepared by:  
Jean P. Flanagan  
26-505