

FERMILAB NEWS

 Fermi National Accelerator Laboratory

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LECTURE SERIES BEGINS FIFTH YEAR

The Fermilab Science and Human Values Lecture Series is observing its fifth anniversary.

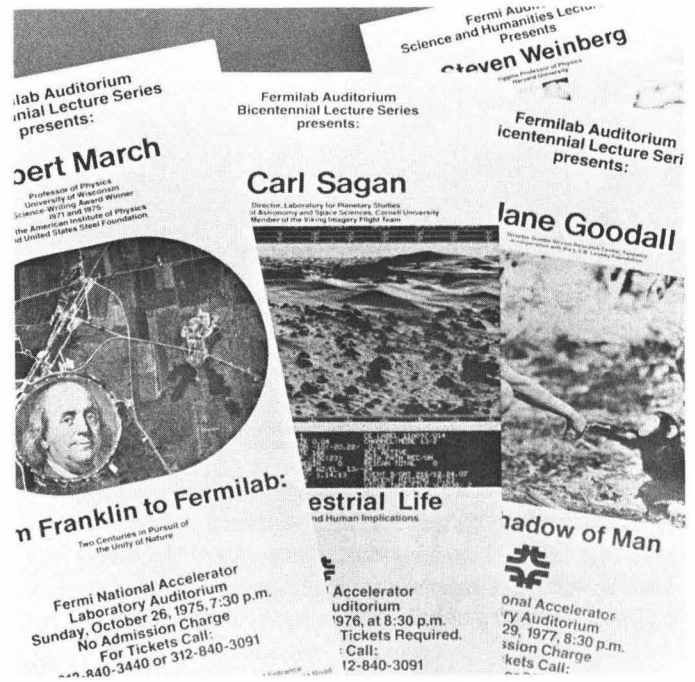
The anniversary also coincides with the announcement that the Illinois Humanities Council has renewed the lecture series project grant for the fourth year in a row, making the series one of the few programs in the state that has received funding four consecutive times. Such an accomplishment is rare, said Frank Cole, Fermilab physicist, member of the Fermilab Auditorium Committee and chairman of that committee's Lecture Series Committee.

Cole is enthusiastic about the series' accomplishments and the quality of its lectures. "Our lecture series attracts a wide spectrum of people from Fermilab and from the many communities around our Laboratory," he said. "We are very proud we have become a real part of the intellectual life of this area. We are accomplishing something we have wanted to do."

Others share his enthusiasm. "...The series continues to make a major contribution to understanding in areas of mutual concern to humanists and scientists," said Dr. Don F. Moyer with the Center for Interdisciplinary Study of Science and Technology at Northwestern University. He also described the series as an "excellent tangible example of cooperation between humanists and scientists" that could serve as "a model for similar programs elsewhere."

Dr. Warren J. Roth said, "Once again, I feel the Fermilab lecture series has filled its goal of making available to the public a valuable source of intellectual stimulation." He is professor of Anthropology at Chicago State University. Both scholars are members of the Advisory Panel that meets with Cole about twice a year to review past programs and help him select future topics and speakers.

Cole gave much of the credit for the series' successful tradition to Jeff Appel, first chairman of the Lecture Committee.



lab Auditorium
initial Lecture Series
presents:

Bert March
Professor of Physics
University of Wisconsin
Science Writing Award Winner
1971 and 1975
The American Institute of Physics
and United States Steel Foundation

Fermilab Auditorium
Bicentennial Lecture Series
presents:

Carl Sagan
Director, Laboratory for Planetary Studies
of Astronomy and Space Sciences, Cornell University
Member of the Viking Imagery Flight Team

Fermilab Auditorium
Bicentennial Lecture Series
presents:

Steven Weinberg
Fermi Au...
Science and Humanities Lect...
Presents

Fermilab Auditorium
Bicentennial Lecture Series
presents:

Lane Goodall
Director, Institute of Earth and Space Sciences,
University of California, Los Angeles

Benjamin Franklin to Fermilab:
Two Centuries in Pursuit of
the Unity of Nature

Terrestrial Life
and Human Implications

Shadow of Man

Fermi National Accelerator
Laboratory Auditorium
Sunday, October 26, 1975, 7:30 p.m.
No Admission Charge
For Tickets Call:
312-840-3440 or 312-840-3091

Fermilab Auditorium
1976, at 8:30 p.m.
Tickets Required.
Call:
312-840-3091

Fermi National Accelerator
Laboratory Auditorium
29, 1977, 8:30 p.m.
Admission Charge
Tickets Call:

...Posters from lectures past, the creative product of Fermilab artist, Angela Gonzales...

It was he and Janice Roberts, chairman of the Auditorium Committee, who together persuaded the Illinois Humanities Council to award the first grant.

Roberts said that under Appel's leadership, the series rooted firmly and thrived.

The lecture series has two primary objectives, said Cole:

--The first is to focus public awareness on the human values that enter public policy issues related to science and technology.

--The second and broader objective is to help the public more fully understand the relation of science and technology to human values not only in the framework of public policy issues, but also in the larger context of the impact of the advances of science on these human values.

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...Auditorium Committee members seated. (L-R) Pat Yost, chairman Janice Roberts, and Arthur Roberts. Standing (L-R) are John Satti, Stan Snowdon, Trish McLachlan, Frank Cole, Bob Trendler, Walter

Wojak, Tom Collins, Jesse Guerra, Jose Poces, and Angela Gonzales. Not shown are Sandra Cox, Hazel Cramer, Rick Fenner, Larry Jackson and Jane Wilson. (Story on Page One) ...

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THE PERIPATETIC MAGNET

What is the largest load ever to be transported by highway over so long a distance--all the way across the country?

Why an 18-1/2-foot wide, 107-ton superconducting magnet going from the Argonne National Laboratory to the Stanford Linear Accelerator Center (SLAC)?

The magnet, built by Argonne and modified for use in a Department of Energy basic energy research program at SLAC, is expected to arrive at its destination sometime the week of Nov. 18, after nearly three weeks of being on the road.

After 10 years of uninterrupted service in a large particle detector at Argonne, the magnet was retired. Then DOE gave it a new assignment that will save the taxpayers about \$5 million and three years of fabrication--when it gets to SLAC.

"It cannot be stressed too highly that this project would not be possible without the complete cooperation of officials from the states through which the magnet will pass," said E. Gale Pewitt,

deputy director of Argonne. "Each state has evaluated road surfaces, bridges, routing and countless other factors to assure that this load will not be detrimental to bridges and highways or cause major inconvenience to motorists."

Shaped like a doughnut, yet delicate, the magnet will be cooled to 452 degrees below zero Fahrenheit and energized. It will use little electricity to maintain a magnetic field about 36,000 times that of the earth.

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RUNS MARATHON

Dwaine Hampton, who works for the Receiving Department, Support Services, ran the 1979 Chicago marathon in 5 hours, 41 minutes and 35 seconds.

It was his first marathon, he said. The first time he had run for some distance was the Lederman breakfast jog around the Main Ring on June 1. Hampton has been with Fermilab since 1976.

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CENTRAL LABORATORY TO CLOSE
FRONT ENTRANCE FOR SIX WEEKS

The front entrance (north entrance) to the Central Laboratory will be closed for approximately six weeks beginning tomorrow (Nov. 9) while workmen construct a protective canopy, said Marvin E. Warner, head of Architectural Services.

The eight parking spaces closest to the entrance will be blocked off. To enter the building, employees should use the south, east and west entrances.

The canopy is being constructed primarily to protect pedestrians from ice and snow that has a tendency to accumulate on and fall from the north sweep of windows. Made of concrete, the canopy will extend 15 feet out from the north wall, will be 33 feet wide and will attach to the second floor framing.



...Maury Goodman, member of the Fermilab Prairie Restoration Committee, burns this year's growth on the restoration site inside the Main Ring. The fire eliminates undesirable plants and allows prairie flowers and plants to thrive. Fire is essential to nature's natural process for grooming a prairie...

SCIENCE LECTURE SERIES

Four world-famed scientists will give the Christmas lectures presented by the Illinois Science Lecture Association.

On Nov. 30 at 1:30 p.m. Prof. Irwin I. Shapiro, professor of physics at the Department of Earth Planetary Sciences and Department of Physics, Massachusetts Institute of Technology, will speak on "Experimental Challenges Posed by Einstein's Theory of Relativity."

At 3:30 p.m., Sir Hermann Bondi, chief scientist in the Department of Energy and professor of mathematics at King's College, University of London, will talk about "Special Relativity."

The next day at 1 p.m., Prof. Roger Penrose, Rouse Ball professor of mathematics at Oxford University, will speak on "Time's Arrow and the Singularities of Space-Time." He will be followed at 2:30 p.m. by Prof. S. Chandrasekhar, Morton D. Hull distinguished service professor with the Departments of Astronomy and Astrophysics, University of Chicago.

This eighth in the continuing series of Chicago Christmas lectures will be held in Thorne Hall, 740 N. Lake Shore Drive at East Superior St. on Northwestern University's Chicago campus. Tickets for the series cost \$4.50 each. The series is co-sponsored by the University of Chicago, Northwestern University, University of Illinois and the Illinois Institute of Technology Research Institute.

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ANNUAL CHARITY FUND DRIVE BEGINS

The annual charity fund drive at Fermilab has begun.

For the seventh consecutive year, Fermilab is giving employees an opportunity to contribute to as many as three charities through the payroll deduction plan.

Pledge forms have been distributed to employees and must be returned to payroll by Nov. 30, said Janet Gregory of the Personnel Office, who is coordinating the 1979 drive.

Through this approach, the Laboratory makes it possible for employees to support the charities they favor most. The first deductions will be made in January 1980. At the end of 1980, the accumulated amounts will be sent to the designated charities.

For additional information, contact Gregory at Ext. 4362.

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...Fermilab Golf League champions for 1979 (L-R) Alan C. Guthke, Robert E. Scherr, Ronald R. Currier and Martin Solis...



...Construction begins on new tennis and basketball courts in the Village...

FERMILAB TO EXPAND RECREATION FACILITIES

Fermilab is expanding its recreation facilities in the Village.

Construction has begun on a new tennis court and a new basketball court. The work, funded by Universities Research Association, is expected to be completed early in the spring, said John Barry, accommodations manager at Fermilab.

The new tennis court will be built where the old basketball court now is, and the new basketball court will be located next to the new tennis court. When the work is finished, Fermilab will have three tennis courts.

George Doyle is supervising construction. The project was requested by Fermilab employees and users and was spearheaded by Dr. Lou Hand of Cornell University at the time he was chairman of the Users Executive Committee, said Barry.

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BLACK AND WHITE IN COLOR

Presented by Fermilab International Film Society

Friday, Nov. 9

8 p.m.

Central Laboratory Auditorium

Written and directed by Jean-Jacques Annaud, the story is set in Colonial West Africa in 1914. It tells about a miniwar between French and German colonials, with both sides using local black tribesmen as soldiers. Annaud strives to tell about the horror and absurdity of war in microcosm focusing on people's behavior in time of leisure and crisis.

PG Color 91 min. Adults \$1.50 Children, 50¢