

STATE COLLEGE, PENNSYLVANIA, TUESDAY, JULY 25, 1950

Kitain To Give Concert Tonight

World Scientists Gather For Physics Conference

Over 200 scientists from all parts of the world are currently attending the Conference on Ionospheric Physics which opened yesterday at the College and will continue through Thursday, July 27.

The conference is sponsored by the School of Engineering and the Geophysical Research Directorate of the Air Force Cambridge Research Laboratories. General sessions are being held in 110, Electrical Engineering building.

Participants

Among the scientists participating in the program are K. Weekes, Cambridge University; J. Chapman, Oxford University; J. Sayers, University of Birmingham; D. R. Bates, University College, London, England; L. G. H. Huxley, Adelaide University, Adelaide, Australia; D. F. Martyn, Australian Council for Scientific and Industrial Research; R. V. D. R. Woolley, Commonwealth Observatory, Canberra, Australia.

S. K. Mitra, University College of Science and Technology, Calcutta, India; L. Harang, Norwegian Defense Research Establishment; W. Dieminger, Institut für Ionosphärenforschung, Lindau, Germany; M. Nicolet, Royal Meteorological Institute, Belgium; and P. M. Millman, Dominion Observatory, Ottawa, Canada.

Waynick, Chairman

Dr. A. H. Waynick, professor of electrical engineering at the College, who will serve as chairman of the Thursday morning session, and Clinton H. Grace, research assistant in the Engineering Experiment Station, made arrangements for the conference.

Welcomed

The scientists were welcomed yesterday by A. O. Morse, assistant to the president in charge of resident instruction. Dr. Eric A. Walker, director of the Ordnance Research Laboratory and head of the electrical engineering department served as toastmaster for a conference dinner at the Centre Hills Country Club last night.

Dance, Movies Fun Night Set

Fun Night, a dance, and an outdoor movie are the offerings of the Recreation Office this week according to C. M. "Dutch" Sykes, director.

"The Ghost Goes West" is the outdoor movie to be shown tomorrow night at the Pugh Street gate on the front campus. This comedy-drama, starring Robert Donat, is scheduled to start at 9 p.m. In case of rain the picture will be shown in Schwab Auditorium.

Movies of Penn State's spring football scrimmages will be one of the features of the Fun Night slated for Saturday, July 29. They will be shown by Earl Bruce, new freshman football coach. Volleyball, badminton, ping-pong, cards and dancing will also be on the program.

Bulletin

State College, Pa.—Horace Ashenfelter, former Penn State IC-4A champion, will head the field of approximately 15 American trackmen who are scheduled to leave by plane next Monday for meets in Scotland, England, and Ireland.

One of America's outstanding 1952 Olympic hopes in the longer running events, Ashenfelter will compete in the 1, 2, and 3-mile distances. His presence place at three the number of former Nittany trackmen overseas, as Jim Gehrdes and Curt Stone are now competing in Norway.

Campus Sidelights

College Offers Exhibits, Hikes

Although most Penn State students are aware of the interesting campus features, many new students and often oldtimers, miss a few. Some hot summer day when the air isn't just right for studying, why not drop into the Mineral Industries Building and look at the fluorescent minerals in the lobby off to the left of the case of precious stones?

In other halls are skeletons of ancient beasts, fossils, ceramic ware and oxygen masks. In Central Library, Burrowes, Home Economics, and Mineral Science buildings are free displays.

More energetic persons can hike or bike to the College farms, horse barns, dairy barns, and the creamery. Over on east campus, flowers are all in bloom . . . rows and rows of petunias and roses.

Art students during regular sessions have painted murals to cover the barren walls of Temporary Building. Some tell a story, others are fragments of the imagination, but all are colorful.

When there isn't a car around for a dash to Whipples Dam or Greenwood Furnace, run up to Hort Woods and roast your hot dogs there.

Just look around summer students and enjoy your campus.

Artists Series To Feature Pianist in Varied Program

Anatole Kitain, "the Poet of the Keyboard," will feature the third presentation of the Summer Artists Series in Schwab Auditorium at 8:30 tonight. Tickets priced at \$1.20 will go on sale at the Student Union desk in Old Main at 7:30 tonight.

Kitain was born in St. Petersburg and belongs to the small, elite group of Russian pianists, including Rubenstein, Horowitz, and Serkin, now concertizing in this country. Some time before coming the United States in 1940, he was known to American music enthusiasts through his Columbia Masterworks records.

Successful Tours

He graduated from the Imperial Conservatory in St. Petersburg and has since made several successful tours of Russia, Europe, and the Orient. This past year, Kitain played the piano throughout South America and the U.S. At his most recent appearance in New York's Carnegie Hall this year, he achieved his greatest success. The audience stood cheering in a body at the close of his performance, and the New York press compared him "to the greatest pianists of all time."

Varied Program

Kitain's offerings tonight will run the gamut from a Mozart sonata and two Chopin etudes to the modern dissonance of Stravinsky and Virgil Thomson. The first part of the program will include "Organ Prelude and Fugue in G major," Bach and Goedicke and "Sonata in B flat, K 333," Mozart.

Featured in the second part of the program will be "Ballade in F minor," Two Mazurkas, "F minor and D major," "Nocturne," and Two Etudes, "Opus A flat major" and "Opus A minor," all by Chopin.

After the intermission, Kitain will play "Reflets dans l'eau," Debussy; "Jardin sous la pluie," Debussy; "Three Danzas Gitanes, Zambra, Danza de la Seduccion." (Continued on Page Two)

Keyboard Poet . . .



ANATOLE KITAIN, Russian pianist, who will present the third of the Summer Artists Series in Schwab Auditorium tonight.

Dam, River Constructed In Engineering Building

By RUSS ANGSTADT

Tests being conducted in the basement of Main Engineering are proving that a river can be brought indoors for study purposes.

Dr. Andre L. Jorissen, professor of Civil Engineering, aided by Vernon L. Dutton and Leon Langford, are conducting tests of flow conditions of a spillway designed for a dam to be built on Lyman Run, Potter County.

The dam, which will be 55 feet high, will provide a 40-acre lake as the center of a recreation area and will be constructed by the Department of Forests and Waters. The spillway, originally planned as straight, will be curved just below the approach section due to unforeseen soil conditions.

Difficult Analysis

The design for the spillway will taper from 125 feet to 80 feet

in width and slopes from 5 to 20 per cent. The analysis of a curved spillway is very difficult by mathematical calculations, but becomes a typical problem for model study.

The model was constructed at a scale of 1 to 48. The spillway was tested with flow conditions representing up to 25,000 cubic feet per second. The College engineers decided that the spillway's base must be specially designed to prevent water from overflowing.

To Solve Problem

At this point, enormous amounts of energy must be dissipated as rapidly as possible so as not to erode the downstream channel and banks.

According to Dr. Jorissen, the new design will not only solve the problem, but will facilitate construction.

New Men's Dormitories To Be Finished by Fall

By MOYLAN MILLS

The gigantic red brick buildings on the northwest side of the campus will be the new men's dormitories in the fall. When the present hectic scene is finally cleaned up toward the end of the summer after more than a year of construction, 1600 men will have living quarters rivaling the women's Simmons and McElwain Halls.

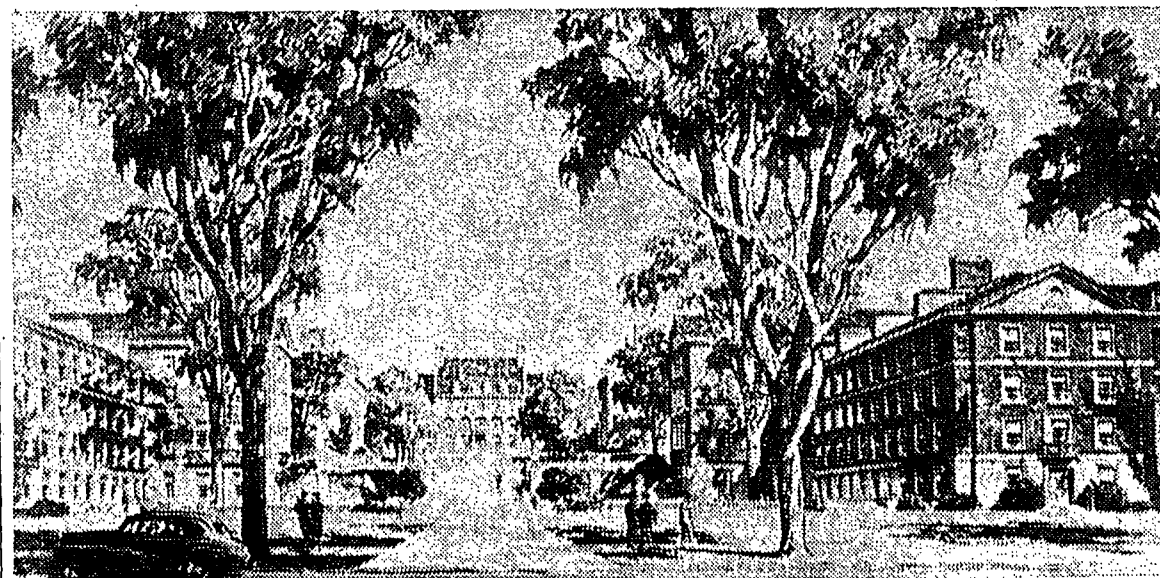
Now designated as Units 1, 2, and 3, the four-story dorms and two-story dining hall are of structural steel construction with a concrete mat base. Brick and Indiana limestone face the buildings.

Resembles Tri-Dorms

The architectural style is a combination of Georgian and Colonial design closely resembling that of Watts, Jordan, and Irwin Halls, the old men's dorm units, to which the new giants are joined. A large mall and commons will beautify the exterior; the inner sanctums will feature sleek, modern furniture and a spacious layout arrangement.

Across one side of the enlarged 16 x 14 double rooms is a built-in living unit of birchwood. A wardrobe closet, shoe-rack, dresser, and storage shelves are included in this section. An elongated bookshelf of birchwood stretched across another side of . . . (Continued on Page Two)

Future Homes . . .



Architect's drawing of the new men's dormitories now under construction on west campus. The buildings are scheduled for completion by the beginning of the fall semester and will provide Penn State men with living quarters equal to those now enjoyed by women students in Simmons and McElwain Hall.

PSCA Plans Lodge Party

A cabin party at Watts Lodge will headline this week's activities of the Penn State Christian Association. Also scheduled are a field trip and a conversation group.

Tomorrow night at 8 o'clock the discussion group will meet at the home of L. H. Harshbarger, 930 N. Atherton street. Topics of general interest will be hashed out at the informal gathering. Students are asked to register in advance at 304 Old Main.

A field trip to a Philipsburg mine is planned for Thursday, July 27. Tickets (\$1.10) will be on sale at the Student Union desk until noon Thursday.

The weekend party at the lodge will leave from Old Main, 2:30 Saturday, July 29. Tickets are \$1.00 per person. Anyone interested is asked to register at the Student Union desk by 5 p.m. Friday.

Stoner to Lead Education Panel

Robert T. Stoner, chief of the Bureau of Industrial Education, Harrisburg, will lead a panel discussion, "Current Trends in Vocational Education in Pennsylvania," in 10 Sparks Building, at 7:15 tonight.

This will be the final lecture of the series of special lectures sponsored by the department of industrial education at the College for the Main Summer Session.

Six area co-ordinators of industrial education will take part in the panel.