

Universe Breaking Up? UI Will Probe Heavens

Dedicate Giant Radio Telescope

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He spoke at a dedicatory luncheon sponsored by the Danville Chamber of Commerce. This telescope, he said, was specifically built to study the universe.

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Prof. McVittie said, "Our concern is with remote astronomical objects—the galaxies, vast agglomerations of stars of which our own Milky Way system is but one example.

"The distances of the galaxies, their distribution in space, the number of them which we can detect, their angular sizes, are crucial clues to the nature of the universe.

"We shall try to throw new light on the strange phenomenon of the expanding universe by which it seems as if our universe is flying to pieces," he said.

"We shall try to find out if a galaxy sends out radio waves strongly throughout its lifetime or for only a brief period in its history.

"More fundamentally, we shall seek to discover why one galaxy emits radio waves powerfully whereas its neighbor does not."

The danger that man-made radio interference might cut the earth off from the rest of the universe also was pointed out by Prof. George W. Swenson Jr., electrical engineer and astronomer who for six years has worked on planning and constructing the new radio telescope.

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Taking part in the dedication luncheon were trustees of the University of Illinois, leaders in government, education, and science, and guests.

Lt. Gov. Samuel H. Shapiro, Kankakee, expressed interest and pride of the state in the project. Howard W. Clement, DesPlaines president of the University's Board of Trustees, expressed thanks to all who contributed to this outstanding new facility for pure science.

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Friedman, Alschuler, and Sincere, Chicago, was engaged for architectural services on the Physical Plant Service Building, at

the Medical Center, with the same arrangements as those for the architect for Veterinary Medicine Improvements.

Clark, Daily, Dietz and Associates, Urbana, was engaged for engineering services on the paving of Oak Street, construction of a Central Trash Disposal Depot, and Construction of parking facilities south of Florida Avenue, in Champaign-Urbana.

This agreement also includes the surveys, estimates of cost, preparation of plans and specifications and general supervision of construction, at a fee of six per cent of the construction costs. Trustees are requesting \$4,000,000 in the new 1963-65 capital budget for construction of the Small Animal Clinic and Hospital.

Trustees approved \$25,837 from non-concurring appropriations for work on a number of projects at the University. These include the sum of \$189,417 for the Champaign-Urbana department; \$19,540 for the Champaign- Urbana department; Ice Rink, ice resurfacer, \$8,500.

Physical Plant: Mechanical Engineering, remodeling to increase research space and for expansion of machine shop, \$4,400.

Statistical Service Unit: Auxiliary equipment for the 1401 IBM computer, \$5,242.

University Extension: Audio-Visual Aids service, replacement of equipment, materials and supplies lost in a fire, an addition to \$25,000 appropriated April 19, 1961, \$30,046.

For the Chicago undergraduate division these items were approved: College of Architecture and Art, equipment, \$4,540; Library, additional acquisitions, \$15,000; and Medical Center: Physical Plant, replacement of ducts in the Medical Research Laboratory, \$33,000; and Pharmacy, equipment, \$14,000.

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his special projects has been research in the anti-slavery movement and a study in diplomatic history with Dexter Perkins.

The program will also include talent from representatives of the different countries, plus musical selections by V. W. Entreklin, associate secretary of the department of student ministries, Carbondale.

Reservations can be made with the center at 505 E. Green.

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'PINOCCHIO' TO BE PRESENTED AT UJHS

"Pinocchio," a puppet show by Urbana Junior High School students will be presented at 9:30 a.m. Saturday at the Urbana Free Library, Boys and Girls Library.

Steve McNattin and Terry Jackson will present the puppet show.

Mrs. Berniece D. Fiske, children's librarian, will tell the story, "Johnny and His Mule," by Credle. The program will be finished at 10 a.m.



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Medical Center, Chicago.

Projects:

College of Agriculture: Agronomy, South Farm Heating system, \$2,800; Plant pathology, equipment, \$5,965; forestry, pressure-vacuum cylinder and related instrumentation, an addition to \$10,000 appropriation July 18, 1962, \$4,600.

College of Education: University High School, audio-visual equipment and library expansion, \$7,227; industrial education, equipment, including surface planer and universal grinder, \$6,900.

College of Engineering:

Civil engineering, universal testing machine, \$25,500; physics betatron, prefabricated metal building, \$8,000.

College of Fine and Applied Arts: School of Music, practice pianos and organs, \$36,000.

College of Liberal Arts and Sciences: Chemistry, undergraduate teaching equipment, \$5,266; psychology, comparative laboratory furnishings and equipment, \$9,322; mathematics, equipment, \$8,135.

Library: Equipment, \$21,520.

College of Physical Education: Ice Rink, ice resurfacers, \$8,500.

Physical Plant: Mechanical

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