

Cranbrook Opens New Physics Hall To Show Theories

Cranbrook Institute of Science's new Hall of Physics will be unveiled to the public at 1 p.m. on Saturday.

The new hall containing a series of exhibits called "Experiments in Physics" is a major new venture not only for Cranbrook but, according to Dr. Robert T. Hatt, director of the Institute, a new dimension in presentation of many of the principles of physics.

Unlike the treatment of physics in other museum halls, the general appearance of the Institute's Hall of Physics, located in the Skillman Wing for the Physical Sciences, will be that of a large laboratory. On some benches there will be equipment which the visitor must manipulate to experience the phenomenon presented; others will be put in motion by the touch of a switch, and yet others will be presented by a member of the instructional staff in conducting an experiment.

AGAINST A wall is a 20-foot wide, specially designed chart of the elements, each group, from hydrogen to lawrencium, color-coded.

A Foucault pendulum demonstrates in the classic manner, yet within a matter of minutes, that the earth is in fact turning on its axis beneath the pendulum swinging freely in space.

By means of billiard balls rolled on a track, the conservation of momentum becomes apparent.

Energized devices show phenomena of resonance, of spectral patterns of gases, interrelation between magnetism and electricity, and the effects of pressure changes.

ACTIVELY growing crystals are seen in polarized light, and molecular motion and the limits of human perception are demonstrated.

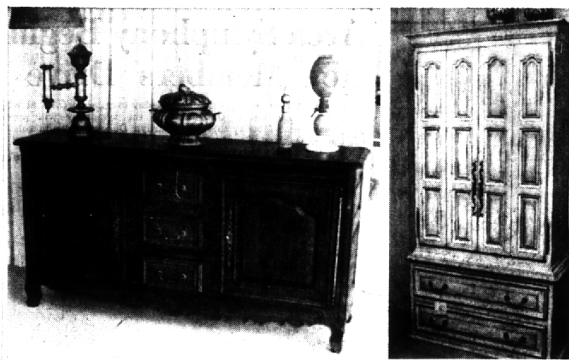
The Institute's unique science theater for the microcosmos, "The Atomarium," is adjacent to and part of the larger plan for the exposition of science.

Over 20,000 school children in classes visit the science museum annually and it is expected that the new hall will draw a large number of new groups, particularly at the junior high school level.

Plan for the new physics hall was developed by Dr. Torsten Al. thin, who came to the Institute

from the Directorship of Stockholm's famed Museum of Technology. Serving with him in planning was Dr. Harry L. Smith, professor emeritus of physics, Eastern Michigan University, and Mrs. Edward A. Macholl, staff member at the Institute. Designer for the display units and graphics has been Bengt Swenson and associates of Skaniabhouse, Birmingham.

CRANBROOK Institute of Science is one of six cultural institutions established by the late Mr. and Mrs. George G. Booth. Though located in Bloomfield Hills, it serves as the science museum of metropolitan Detroit. The museum is open weekdays from 2 to 5 p.m.; Saturdays and Sundays from 1 to 5 p.m., and to groups, by appointment, at earlier hours. There is a moderate admission.



Countrywise Cupboards

Storage units suited for country living from Englander's Studio in Provence include (left) antique sideboard from the provinces, dramatized by pewter tureen, reproduction lamp and wicker-wrapped old siphon and seltzer bottle. (Chemiserie (right) is reproduction with weathered paint finish.

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Drivers Drive More Car Miles

Motorists drove nearly eight million miles more each day on Michigan highways during the first six months of 1964 than they did during the same period in 1963.

State Highway Commissioner John C. Mackie said an estimated 18.8 billion miles were logged on Michigan highways between Jan. 1 and June 30 of this year, compared to 17.5 billion during the same period last year.

THAT'S AN increase of 7.8 per cent — the largest year-to-year increase in traffic for the first six months that Michigan has had since the end of World War II.

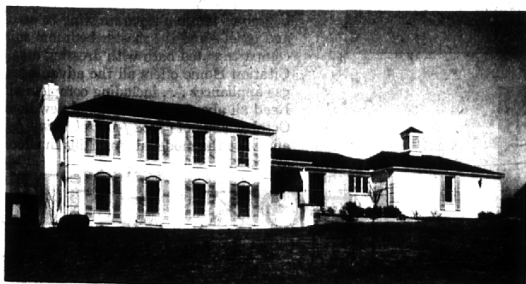
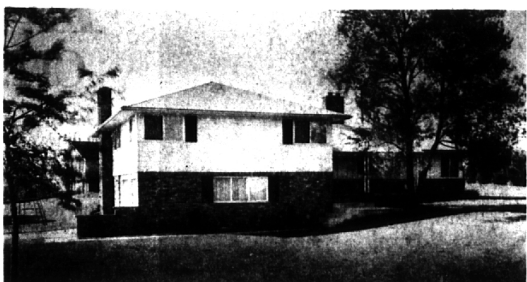
"If the present trend continues — and from every indication traffic was up during July and August — nearly 20 billion miles will be driven on Michigan highways this year, compared to 19.5 billion during 1963," Mackie said.

Advertisement



Mr. John D. Maynard of 919 Mohegan Drive here in Birmingham recently resigned from the firm of Weir, Manuel & Snyder to accept the position of Vice-President of Berndt, Eitter & Van Maaren, Inc. Mr. Maynard has ten years experience in the real estate business in the Birmingham - Bloomfield area and has lived in Birmingham since 1928. He has been active in civic affairs for many years and has held many prominent posts of civic responsibility. In past years he has been President of both the Detroit Rotary Club and the Detroit Metropolitan YMCA. He is presently a Director of the Birmingham Hi-12 Club, a member of Oakland Hills Country Club, and a trustee of the First Methodist Church of Birmingham. Mr. Maynard says that Berndt, Eitter & Van Maaren is unique in that the entire 9-man firm is composed of licensed Real Estate Brokers.

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