MIT welcomes community to Open House

President Stratton greets visitors at Open House

On behalf of the students and faculty of MIT, I wish to welcome you to MIT's Open House.

The program that has been arranged for you is planned and developed largely by a group of undergraduates with the advice of a faculty committee representing each of our academic departments. It is intended to give you an opportunity to see a variety of our facilities for teaching and research and to catch some of the flavor of our educational programs in engineering, science, architecture, the humanities, and industrial management. The schedule also includes many exhibits and presentations of student extracurricular activities, including athletics, which are an integral part of our campus life.

One purpose of the Open House is to provide an occasion on which all our friends and neighbors may come to know us a little better, and the program has been designed with many different interests in mind. I hope very much you will have a most enjoyable afternoon.

5 sports events contribute to Open House program

By Cliff Weinstein

Five athletic teams may be seen in action on the MIT home fields this Saturday.

Track

The trackmen will begin a triangular meet with Bowdoin and New Hampshire on the outdoor fields at 12:30 p.m. Tech's cindermen are in the midst of one of their best seasons ever, and are coming on from a 5-0 romp over Yale in their last outing.

On the tennis courts behind Burton and Baker Houses, MIT's tennis team will compete against the University of Massachusetts, starting at 10 a.m. A solid tennis squad with a 6-4 record and a three-meet winning streak going into Saturday's contest.

The number-one player Bent Lusenberg '63 is the singles champion of the Eastern College Athletic Conference tennis tournament.

Rugby

MIT's Rugby Club will meet Holy Cross at 1:30 p.m. This contest should be of interest both to those who are familiar with the British version of football and to those who know nothing about it; there are 52 million Britons who claim that this is the way the game was invented. The MIIT squad has won all of its spring contests to date.

Baseball

A Tech team can be seen competing in the national baseball contest starting at 2:00 p.m. against Middlebury. The Tech nine has had its troubles this year, scoring a 2:00 record, but the last two contests were won in the ninth inning, and the baseball team will attempt to provide a good show for the large Open House crowd.

Lacrosse

Finally, the MIT lacrosse team will meet Amherst at 2:00 p.m. Lacrosse is a rough and rugged sport, and an excellent spectator sport. The Tech sticketmen have had all of their contests to date.

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Students will serve refreshments

Refrigerators will be served continuously during Open House by several student groups.

The Association of Women Students will serve punch and cookies in the Margaret Cheney Room, 3-53B.

Perception exhibit to showwreathy of optical illusions

Through the participation of 31 academic, administrative, the Research Laboratory of Electronics conducts research in three broad categories: general physics and engineering, plasma dynamics, and communication sciences. Four laboratories will conduct demonstrations during Open House: communications biophysics (Room 20A-205), sensory, and visual perception (Room 20A-205), picture processing (Room 20A-205), and information science (Room 35-185). The demonstration by Prof. Murray Eden, in Room 20A-205, will include visitors' participation. Prof. Eden's study of human perception will test visitors' judgments concerning a series of optical illusions.

Materials Center largest construction project

The Center for Materials Science and Engineering is under construction in the area behind the Great Dome. The new building, to cost six million dollars, will serve as the focus for research on solid-state physics, molecular science and engineering, metallurgy, and materials science and engineering.

Arrows to show tour routes

Open House visitors will see over 150 exhibits

By John Montanaro

At MIT's first Open House, in 1952, one of the newest scientific devices on display was an X-ray tube, and humming steam turbines attracted the attention of several hundred visitors.

Saturday, from noon to 5:00 p.m., an estimated 20,000 visitors to this year's Open House will see a nuclear reactor, space probe satellites and eclipses, electron microscopes, lasers, and a machine called Daed, which synthesizes human speech.

Also on exhibit will be electronic computers (of which there will be nine in action) which will challenge visitors in various games of strategy, such as tic-tac-toe, a new technique of food preservation called freeze-drying, and a recently-developed method of removing the salt from sea water.

Exhibits

The purpose of Open House is to show to those who know nothing about it, and those who know something, what goes on at MIT. Three of the more contemporary buildings on campus are Kresge Auditorium, Baker House, and the Chapel.

The most unusual feature of Kresge Auditorium, completed in 1960, is its domed roof, or shell, of concrete. The building amounts to a dome either, but to metal angle 3/4 inch thick.

The concrete shell is only 3/4 inch thick, slightly thinner than an average of egg. Newly installed is a covering of sheet lead, one-eighth of an inch thick, and lamps mounted above the doors are strategically placed. A new concrete shell, one-eighth of an inch thick, places an acrylic and orestone cylinder are irregularly placed on the surface of the metal tubes. The shell of a building's exterior design. It is lighted by numerous specially-designed round skylights and lamps mounted above the skylights for use after dark.

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