MIT to open doors to parents

Civil Engineering to show facilities; faculty-students to discuss program

The activities of the Department of Civil Engineering will center about the Freshman Room (1-256), where refreshments will be continuously available from 1:45 to 2 p.m.

Faculty members will be there, and a guide booklet describing the location and activities of each of the new facilities will be distributed.

The program, organized by undergraduates in the department, will enable parents to see many of the new teaching laboratories, including the engineering mechanics lab, computer lab, mechanics lab, structural mechanics lab, and engineering materials lab.

Metallurgy Department will present closed-circuit TV demonstrations

The program of the Department of Metallurgy will open at 2:00 p.m., with a meeting in Room 8-308, where faculty members will speak briefly and faculty tours will begin.

From 2:15 to 2:45, there will be closed-circuit demonstrations of stress corrosion and martensitic transformations, with a film of a controlled burning rate test in the next half-hour, the Semiconductor Research Laboratory (4-320), X-ray Diffraction Laboratory (4-313), and High Temperature Deformation Laboratory (4-315) will be open to visitors.

From 2:15 to 4:45, crystal growth demonstrations will go on in the Solid State Laboratory (3-419). Following this, a coffee hour informal talks with faculty members will be held in the Given Room (3-500).

Photo by Edgerton

Strobe light stops bullet

A high-powered rifle bullet煞ashes a playing card in a 1/10,000 second exposure taken in Dr. Harley Edgerton's Strobe-light Laboratory, Room 1-265. Strobe pictures are on exhibit in Building 10, Rooms 3 and 4.

The Physics Department will be represented this year by six laboratory experiments, two each from the freshman, sophomore, and junior year laboratory subjects. Each experiment will be explained by one student who will illustrate the lab and answer any questions parents may have.

The freshman experiments will illustrate quantization of two-dimensional momentum and the motor driven gyroscope. Interference, diffraction, spectrometry, and electromagnetic forces will be the topics for the sophomore experiments. The junior laboratory will demonstrate a scintillation counter and statistical fluctuations near the critical point of a fluid.

All experiments will be performed continuously from two to four p.m. in Rooms 4-350 and 4-357.

Students to show typical labs

The Physics Department will sponsor 3 discussions by students and faculty in Library Lounge

21 Humanities Department to sponsor 3 discussions by students and faculty in Library Lounge

The Department of Humanities will sponsor three informal discussions composed of students and faculty in the Hayden Library Reading Room, 1-250. From 2:00 to 5:00, the luncheon speaker will be Dean of the Humanities.

The third discussion group will commence on the half hour. The first discussion is entitled "A Model Discussion." This group will be led by Hurbert Dreyfus, and will commence with the letter of St. Paul. This is concerned with the core courses in humanities, and will include students.

The second discussion is a talk by Professor Douglas entitled "Humanities and the Institute," which will discuss the philosophy as a whole.

The third discussion will be a lecture by Professor Roy Lounan on "Experiences of Course 21." Faculty members and students will be available following the discussions for informal talks. Refreshments will be served in the Hayden Library Reading Room, 1-250.

Architecture studio drafting equipment

The Department of Architecture will hold open house in its drafting room, Room 10-70, and a demonstration of Building 7 from 2:00 to 4:30. Members of student projects will be on hand to answer questions during this time. Faculty members will be available for informal discussions and refreshments will be served in the Emmons Room (7-403).

Faculty to give lectures; informal tea to highlight Math Dept. program

Aeronautics Department to tour wind tunnel computers

Chem. Eng. to conduct tours, show movies and demonstrations

The Department of Chemical Engineering will sponsor a group of tours of laboratory facilities and demonstrations of student work.

The starting point for tours, which will begin at 2:00 in the Lewis Science Room on the first floor of Building 12. From 1:45 to 2:00, there will be a demonstration of light scattering in polymer characterization.

Theology of abnormal human blood will be the subject of a demonstration from 2:00 to 2:15 followed by a movie on "Rhythm of Human Blood.

From 2:45 to 2:55, there will be a demonstration of emulsion polymerization of vinylidene chloride and diffusion in molecular sieve will be the topic for the demonstration presented in the Marcus room from 2:45 to 2:55 and a movie, "Fluid Analysis," will be shown.

An informal coffee hour with faculty members in the Emmons Conference Room will follow from 2:30 to 4:30 p.m.

Naval Architecture Dept. to show parents facilities

The Department of Naval Architecture and Marine Engineering will sponsor a number of tours of its facilities.

From 2:00 to 2:30, a tour and demonstration of the Ship Model Towing Tank will be given. Following this, tours of the Naval Architecture Lab will be given from 2:30 to 3:00 in the Heart Naval Unit, on the first floor of Building 6 will be shown. The tour of the Propeller Tunnel will take place from 3:15 to 3:30 in Room 3-271.

The department will sponsor an informal coffee hour with members from 3:45 to 4:30 in Room 5-311.

The tour of the Wind Tunnel will begin from 2:30 to 3:00 in the Moore Room at that time, and again every half hour until 4:00.

Space War also shown

EE labs exhibited

Robert M. Mitchell, freshman engineering student, operates the console of the IBM 1620 computer, part of the Civil Engineering's new automated classroom.

Aeronautics Department

Tour to wind tunnel computers

The Department of Aeronautics and Astronautics will present a number of tours of its facilities showing student work. Informal discussion with members of the faculty and the starting point for tours will be in the Labrador, Room 3-207, from 2:00 to 4:00.

The tours, beginning at 2:30 will visit various laboratories and student design corporations throughout the department. Included in this are brief explanations of inertial guidance and aircraft instruments, thin film experiments, wind tunnel experiments, and various experimental apparatus. Also included are various laboratories and the library.

Chemistry to conduct tours of Spectroscopy and Analytical labs

The Chemistry Department's program will begin at 2:00 in the Moore Room 6-521, with introductory remarks by faculty members. Tours of the Organic Spectroscopy Laboratory (4-680A) and the Analytical Laboratory (2-390) will begin in the Moore Room at that time, and again every half hour until 4:00.