

Framed by a flowering crabapple tree in bloom, workmen from Physical Plant began installing the footings for the Commencement stage that will be erected soon in Killian Court. —Photo by Calvin Campbell

## Work Begins In Killian Court

By JOANNE MILLER  
Staff Writer

Intensive, visible effort began last week on the transformation of Killian Court into an amphitheater for MIT's first outdoor Graduation Exercises in more than 50 years, weather permitting, on June 4.

The first work completed in Killian Court was the temporary removal of a row of bushes near Memorial Drive to open up a center aisle through which the commencement procession will march.

This week work is underway on the installation of the center stage where the guests of honor will be seated and the graduates will receive their degrees. Later two rented wings will be added at

either side for the seating of members of the Corporation and the faculty.

Altogether, the staging will be 130 feet across and 45 feet deep. In addition, there will be a new rostrum and tables for diplomas and hoods. The main stage and its appurtenances have all been built on the campus by Institute carpenters under the supervision of Dick DeWolfe, manager of building maintenance.

Later the Institute electricians and sound technicians, under the direction of Paul Blanchard, manager of electrical services, and Frank Cook, supervisor of Graphic Arts audio-visual services, will install a sophisticated sound system, including two 1200-pound speakers, so that the

audience will hear the proceedings clearly.

The final touches in Killian Court will come at the end of the month when—count them—6,500 chairs will be delivered and set up over a two-day period. At the same time refreshment tables will appear in the adjacent duPont and Lowell Courts to accommodate the post-commencement receptions for the five schools. These activities will be carried out under the supervision of Larry Pickard, manager of grounds services. Sal Lauricella of Food Services is in charge of refreshments for the reception.

All of these activities will be noticed by the neighbors of MIT's great greensward, but there is also

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## Three Mile Island Forum Planned

Prompted by the accident at Three Mile Island, a group of MIT graduate students interested in how our society decides technological issues has organized a two-day meeting—Three Mile Island: Public Risks and Technical Decisions.

The meeting—open to the public—will begin at 7pm Friday, May 11, in Rm 54-100 with a speech by Laurence Stern, the Washington Post's assistant managing editor for national news, who coordinated

the Post's coverage of the accident. The title of his speech is "Three Mile Island: The Expert, the Press, and the Public."

The sessions starting at 9am Saturday, May 12, in Rm 10-250 will include workshops and panel discussions involving several residents of the Harrisburg, Pa., area. The residents will discuss what kind of information they were receiving during the height of the crisis and offer suggestions about how the information flow could be

improved.

Several professors and researchers from MIT and Harvard also will have roles in the meeting.

Lissa Martinez, spokeswoman for the student group, said the two-day meeting will not be a pro-*vs*-con discussion of nuclear power.

"The accident at Three Mile Island," she said, "has made people more aware of how this society uses technology and how this technology affects their lives. The goal of the meeting is to help people understand how technological choices are made so that they may scrutinize these choices and become involved in these decisions."

The students involved in arranging the meeting are enrolled in the Technology and Policy Program of the School of Engineering. The program's thrust is to educate men and women who combine a base in technology with skills in identifying, analyzing and implementing policy issues.

The information gap that developed during the Three Mile

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## Health Plan To Hold Open Meeting

The MIT Health Plan will hold a special information meeting for interested employees Wednesday, May 16, at noon in the Bush Room (10-105). A representative from the Health Plan will be available there from 11am-3pm to answer questions and enroll new members.

There are now 7,000 members in the MIT Health Plan, a prepaid, comprehensive health care program for employees and their families. For a single monthly

## Leadership Campaign Reaches \$205 M

The \$225 million five-year Leadership Campaign being conducted by MIT to marshal significant new private support for the Institute's long-term endowment, facilities and program needs has reached \$205 million with a year yet to go.

Howard W. Johnson, Chairman of the MIT Corporation and chairman of the Leadership Campaign, reporting to a recent meeting of

MIT's Alumni Council on the fourth anniversary of the launching of the campaign, said \$72 million has been received from or pledged by alumni and friends of the Institute thus far. A further \$60 million, Mr. Johnson said, has been raised in gifts from corporations and another \$73 million has been contributed or pledged by private foundations. Of the \$205 million, Mr. Johnson said, \$53 million has been subscribed for endowment, \$51 million for facilities and \$101 million for current program use. Endowment is now at \$400 million.

Also speaking at the Council meeting Friday evening (April 27) at the MIT Faculty Club was professor Frank Press, on leave as Robert R. Shrock Professor of Geology at MIT, who is serving as science advisor to President Carter in the White House. Professor Press reviewed national research and development programs, their priorities as matters of national

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## Awards Convocation

The annual Awards Convocation will be held Friday, May 11, at 11am in the Little Theatre, with Fernando Cruz-Villalba, president of the Graduate Student Council, presiding. Awards will be presented to members of the community in recognition of outstanding contributions in service, teaching and athletics.

## Millon Assumes New Post At National Gallery Center

Dr. Henry A. Millon, professor of history and architecture at MIT, has been appointed Professor-in-charge of the newly-formed National Gallery of Art's Center for Advanced Study in the Visual Arts.



Professor Millon's appointment as the first head of the new center was announced Monday (May 7) in Washington, DC, where the center is located, by

J. Carter Brown, the director of the National Gallery of Art.

The appointment is effective immediately, but Professor Millon will continue his teaching duties during the 1979-80 academic year.

According to Mr. Brown, the need for the Center for Advanced Study in the Visual Arts has been under study for 10 years. Plans call for the first group of resident scholars to be at the center in the fall of 1980.

The center's program will consist principally of offering research facilities to visiting scholars. These will range from US

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## Ephraim Katzir To Present Compton Lecture On Friday

Professor Ephraim Katzir, former president of Israel and head of the Department of Biophysics at the Weizmann Institute of Science in Israel, will deliver a Compton Lecture Friday (May 11), Provost Walter A. Rosenblith has announced.

Dr. Katzir will speak at 4pm in Rm 54-100 on the topic, "A Scientist as President of a State."

The Compton lecture series was established in 1955 to honor the late Dr. Karl Taylor Compton, MIT president from 1930 to 1948 and chairman of the MIT Corporation from 1948 to 1954.

Dr. Katzir, who served as president of Israel for five years, from 1973 to 1978, was born in Kiev,

Russia, in 1916. He received the MSc in 1937 and the PhD in 1941 from Hebrew University in Jerusalem. He remained at Hebrew University through 1946, first as an assistant in the Department of Theoretical and Macromolecular Chemistry and later as a research associate in the Department of Organic Chemistry.

He was a research fellow at the Polytechnic Institute in Brooklyn, NY, and at Columbia University in 1947-48, before he joined the faculty at the Weizmann Institute in 1949.

He has been a visiting professor at Hebrew University, a research

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## Last Call For Open House

This Saturday, May 12 from 10am to 4pm, offices, labs and departments throughout the Institute will be open to visitors for Employees Open House.

The biennial event provides a wonderful opportunity for all who work and study here to show their families and friends (and explore for themselves) the variety of activities that make up the workplace at MIT. Displays such as model rocket launches, the arts and crafts show, the model railroad, give an idea of the scope of leisure activities and interests in which MIT people are involved as well.

Of interest to many visitors, though not strictly a part of the Open House, will be the series of panel discussions and workshops on the Three Mile Island incident (see story above).

The meetings will begin at 9am in Rm 54-100 and Open House

visitors will be welcome.

Open House programs have been mailed to the homes of all employees, and will be available in the Rogers Lobby along with free balloons and Employees Open House buttons. The programs include chances on a \$100 US savings bond, which should be deposited at the desk in the Lobby. Chances for a trip for two to Venice will also be on sale, sponsored by the Quarter Century Club, with proceeds going to the Community Service Fund. Drawings for the bond and the trip will be made at the Open House Reception in the Sala de Puerto Rico where members of the administration will greet visitors from 2:30 to 4pm. Music and snacks will be provided at the reception as well as the excitement of the drawings.

Come early. Bring the whole family. Have a good time!

## No Tech Talk

Because of the end of classes, Tech Talk will not be published on May 23.

The Institute Calendar in next week's (May 16) issue will cover the period of May 16 through June 3. Deadline for calendar entries, classified ads and Institute notices will be, as usual, at noon Friday, May 11.

Tech Talk will be published May 30 even though that is a holiday week.

# Three Mile Island Forum Planned

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Island accident was of more than academic interest to the MIT students who have organized the May 11-12 meeting.

"Many of us got calls from our parents, who were confused by the sometimes conflicting reports they were hearing on television and reading in the newspapers," Ms. Martinez said. "When you have a son or daughter at MIT why not give them a call when you need an answer to a technological question?"

But finding out what "rad" or "rem" means wasn't quite that simple for folks in the vicinity of the nuclear plant at Three Mile Island. Some of the workshops scheduled for Saturday will involve the issue of communication with the public, and the responsibility of industry, government and news agency people to produce honest, timely and intelligible information.

Other workshops will deal with energy policy, the health effects of radiation, the politics and methodology of risk assessment, the responsibility of the engineer to society and the ways in which complex systems influence people's lives.

Others scheduled to take part in the sessions are:

Robert H. Cunningham, Civil Defense director for Massachusetts

## Students Present Research Results To NASA Officials

Fourteen MIT students—nine of them undergraduates—had an impressive audience Monday, May 7, for a two-hour presentation on the research projects they are conducting in the Space Systems Laboratory of the Department of Aeronautics and Astronautics.

The audience consisted of the two top officials of the National Aeronautics and Space Administration—Robert Frosch, administrator, and Alan M. Lovelace, deputy administrator—and NASA's Management Council.

Eight of the students made presentations.

Accompanying the students were Professor Jack L. Kerrebrock, head of the department; Professor Rene H. Miller, former department head and founder of the Space Systems Laboratory, and Professor James W. Mar. Professors Miller and Mar are co-directors.

Professor Mar said the opportunity to report directly to NASA's highest officials on research results was highly unusual.

"We have between 30 and 40 students involved in space research in the department," Professor Mar said. "NASA is interested in our program because they are eager to interest young people in space related research."

"NASA is also interested because it is developing a technical base for the exploitation of space, focusing four to five years in the future. Our research work is geared to this, involving several experiments to obtain engineering data for the effective use of the Space Shuttle, studies of human productivity in space, the maintenance of geometric tolerances of large space structures, and the study of space manufacturing facilities in order to capitalize on the unique conditions in space."

## Eastman Court To Host Dancers

Students of the MIT Dance Workshop, Beth Soll director, will present a performance of original works in the Eastman Court, May 9-11, at 6pm, and May 12, 13, at 3pm.

The free, public performance will offer compositions based on experiments with stillness—the incorporation of mundane movement material into formal structures, costumes and props. Dancers will also encounter the problems and pleasures of working in a large, outdoor environment.

sets.

Stuart Diamond, contributing editor at Newsday Magazine, who covered the Three Mile Island story.

Loyde H. Hartley, dean of the faculty at the Lancaster Theological Seminary in Lancaster, Pa., which is about 20 miles from the damaged nuclear plant.

William Ramsay of Resources for the Future, and author of *Unpaid Costs of Electrical Energy*.

Irwin Bupp of the Harvard Business School, author of a recent book on nuclear power.

Professor George Rathjens of the MIT Department of Political Science, named by Governor King to an independent panel to investigate the implications for the

state of the Three Mile Island accident.

Professor Thomas B. Sheridan of the MIT Department of Mechanical Engineering, a consultant to the Nuclear Regulatory Commission and Babcock and Wilcox, builders of the Three Mile Island plant.

Professor Leon Trilling of MIT, a frequent commentator on the responsibility of engineers to society.

Mitch Tyson, special assistant to Sen. Tsongas on energy and science.

Dr. Edward Webster, professor of radiology at Harvard Medical School, a contributor to the recent report by the National Academy of Sciences on effects of low-level radiation.

MIT Juggling Club\*—Thursdays 7:30-11pm, Sundays 1-4pm, W20-491. Visitors welcome.

Kundalini Yoga Group\*—Wednesdays, 5-6:30pm, Mezzanine Lounge, Student Center.

Club Latino-MIT\*—Regular meetings, 7:30pm, Tuesdays, Student Center, room variable. Info: Juan Carlos, 494-0330; Jesus 494-9039.

MIT Outing Club\*\*—meets every Monday and Thursday, 5-6pm in Rm W20-461, to plan upcoming trips and rent equipment. MITOC sponsors hiking, snowshoe, cross-country skiing, rock climbing, canoe or bicycle trips every weekend, also occasional slide shows and sales at local stores.

MIT Rugby Football Club\*\*—beginners welcome. Practice Tuesdays and Thursdays, 5pm, Briggs Field. Games every Saturday. Info: Bruce Glasser, x3-6733, Joel Lederman, 738-1662.

MIT Table Tennis Club\*—Sundays, 2-4pm, Thursdays, 8-10pm, T-Lounge, DuPont Gymnasium.

T'ai Chi Club\*—An old Chinese exercise designed to relieve stress and promote relaxation. Tuesdays, 5:30-6:30pm, Dance Studio, 2nd floor DuPont Gym. Info: Ganesh, x3-4178.

MIT Tae Kwan-Do Club\*—Korean martial art. New members welcome. General meetings, Mondays and Thursdays, 8-10pm, Dancing Room; Saturdays, 3-5pm, T-Club Lounge. Info: d15-9278.

MIT Chinese Martial Arts Club (Wu-Tang)\*—Physical and mental discipline through practice of Kung-fu. Northern Praying Mantis and T'ai Chi offered. Beginners welcome. Tuesdays, 8-10pm, W20-491, Saturdays, 1-5pm, W20-407. Info: Chen-dao Lin, d15-9640.

## Religious Activities

The Chapel is open for private meditation 7am-11pm daily.

Tech Catholic Community\*—Sunday masses: 9:15am, 12:15 and 5:15pm. Weekday masses: Tuesdays and Thursdays, 5:05pm, Fridays, noon, in the Chapel.

Christian Service\*—Sundays, 10:30am, Chapel. All invited.

Service of Holy Communion\*—Wednesdays, 5:10pm in the chapel. All welcome. Sponsored by the Lutheran and Episcopal Ministries.

MIT Islamic Society\*—Weekly Friday prayers, 1pm, Kresge Auditorium, Rehearsal Room B.

## Cable TV

May 9-15, 1979

Wednesday, May 9

Channel 8: 12-1pm

RHETORIC AND JOURNALISM: MEDIA AND LAW—RIGHTS AND RESPONSIBILITY—Edwin Diamond, Dept. of Political Science, MIT, guest Katherine Harting, Associate Producer, ABC World News Tonight. Rec. 4/27/79.

1-2pm

THE END OF WHITE SOUTH AFRICA: HOW SOON?—Donald Woods, Author of *Biko*. Rec. 12/1/78.

2-3pm

FIRST IMPRESSIONS OF THE DARK CONTINENT—Tom Wicker, Associate Editor, *The New York Times*. Rec. 4/11/79.

3-4pm

A MUSICAL EVENING TO REMEMBER—by Video Club. Rec. 5/12/78.

4-5pm

DNA SEQUENCING—Dr. Allen M. Maxam, Mass. General Hospital Research Tutorial Series. Live from Harvard.

7-9pm

PRINCIPLES ON ANTI-EPILEPTIC DRUG USE—Dr. T.R. Brown, MD, Clinical Pharmacology; Dr. B.J. Wilder, MD, Medical Therapy. Live via satellite and microwave from the Medical University of South Carolina and Harvard.

Thursday, May 10

Channel 8: 12-12:30pm

THE PROBLEM—an original play by Albert Gurney, Dept. of Humanities, MIT. Rec. 1/75.

12:30-1:30pm

NOON H.I.T.S.—Student produced variety show. Live from Harvard.

1:30-3pm

AIRCRAFT AND SPACECRAFT NAVIGATION—Charles Stark Draper. Rec. 10/25/78.

3-4pm

PETE SMITH—by Basement Video.

5-6pm

THE USE OF GENE FUSION TO STUDY PROTEIN SECRETION IN E. COLI—Dr. Jonathan Beckwith, Dept. of Bacteriology and Immunology, Harvard Medical School. Live from Harvard.

Channel 10: 3-9pm

6.041-6.431 REVIEW SESSIONS—Prof. Al Drake, Dept. of Electrical Engineering, MIT. Tape D10 six times, on the hour.

Friday, May 11

Channel 8: 12-12:45pm

PHYSICAL CHEMISTRY IN FUTURE ENERGY TECHNOLOGY—Dr. John M. Deutch, Director, Energy Research, US Dept. of Energy. Rec. 11/17/78.

# Blake To Close Minority Series

Dr. Elias Blake, Jr., president of Clark College in Atlanta, Ga., will be the fourth and final speaker in MIT's Minority Graduate Student Association Spring Lecture Series on Thursday, May 10, at 4pm in the Bush Room (10-105).

Dr. Blake will speak on "Manpower Needs for the 80's As They Relate to Blacks." Serving as respondent will be Dr. Lester C. Thurow, professor of economics and management at MIT.

Dr. Blake has been president of



Clark College since 1977. From 1969 to 1977 he was president of the Institute for Services to Education, Inc., a nonprofit corporation involved in research and program development work related to greater access for blacks in higher education.

The lecture series, featuring four black college presidents, has focused on the topic, "The Full Participation of Blacks in the Marketplace—A Challenge for Historically Black Institutions and Predominantly White Institutions."

John B. Turner, associate dean for program development in the Office of the Graduate School, and Dr. Clarence G. Williams, special assistant to the president and chancellor for minority affairs, are cosponsors of the lecture series.

Early Language Development  
Opportunity for a student to take part in a project involving the collecting and analyzing of data on early language development. Some knowledge of linguistics or cognitive development is useful but not essential. Student must be a native English speaker with some experience working with young children. Contact Prof. Susan Carey, x3-5768.

Research Lab of Electronics  
Research opportunities exist for this summer in the areas of cognition, biomedical, digital signal, pattern recognition, computer hardware and software engineering, as well as opto-photographic sciences. Experience preferred in hardware debugging-building or in firmware/software programming. Languages utilized are Unix, Fortran, C-programming language and various microprocessing assembly-machine types, e.g. Intel, AMD, Motorola, National, LSI/11, etc. Call James Cyr at x3-7311 or x3-8135 for details.

Dancing For The Deaf  
Ame-Joe Associates, a dance school in Malden, is seeking to develop an efficient system for teaching dancing to wholly and/or partly deaf children, using precisely timed color-light display in place of music. A student is sought to develop three basic elements of such a system: 1) a variable-speed rhythmic light display with 16 selectable color-patterns; 2) a system of manually switched tones to superimpose rhythm information on existing music; 3) A means of interfacing the above two elements.

Jewish Religious Services\*—Traditional Services, daily 8am, Rm 7-102. Friday night, Sundown, K kosher Kitchen, 50-005. Saturday, 9am, Bush Room 10-105. Mincha and Seudah Shlishit, info: 3-2982. Conservative Services, Saturdays, 10am, 312 Memorial Drive. Reform Services, call Hillel Office, 3-2982.

MIT Vedanta Society\*—Meditation and discourses on the Gita by Swami Sarvagatananda of the Ramakrishna Vedanta Society of Boston. Fridays, 5pm, Chapel.

Prayer Time and Bible Class\*—1-2pm, Fridays, Rm 20E-207. Guest speakers, music, refreshments. Led by Miriam R. Eccles, founder and director, Alpha and Omega Missionary Society.

United Christian Fellowship\*—Weekly meetings, Fridays, 7:30pm, Spofford Room (1-236). Prayer Meetings, 5:15pm, Mondays, Tuesdays and Thursdays; 8:15am Wednesdays, W20-441.

## Preprofessional

Chinatown Health Clinic Project Ahead\*\*—Eight-week program to provide students with exposure to working conditions in area of their career interest, and understanding health issues relative to underserved communities. 30 hours/week field work divided into health related field placements and community activities on Lower East Side of Manhattan. Stipends up to \$90/week. Application deadline: May 25. Info: Preprofessional Office, 10-186, x3-4158.

## New UROP Listings

For more detailed information on UROP opportunities listed, MIT undergraduates should call or visit the Undergraduate Research Opportunities Program Office, Room 20B-141, Ext. 3-5049 or 3-4849 unless otherwise specified in the listing. Undergraduates are also urged to check with the UROP bulletin board in the main corridor of the Institute.

Boston Urban Gardening  
The Action for Boston Community Development Urban Gardening Program has opportunity for a student of sociology, economics or political science, interested in working in the following areas: 1) Research into the possibility of obtaining a facility to be used as a root cellar for the storage of Massachusetts produce. 2) Work in the low-income neighborhoods of Boston with community based organizations and individuals to organize community vegetable gardens by organizing gardening groups, securing permission to use the land and developing work plans and distributing materials.

12:45-1:30pm

RESTORING THE ENVIRONMENT FOR RESEARCH AND DEVELOPMENT—Dr. Edward Kane, Pres. E.I. Dupont de Nemours and Co. Rec. 11/17/78.

1:30-2:30pm

GREATER BOSTON SONGFEST—by MITV. Rec. 1978.

2:30-3:30pm

VISIONS AND VIEWPOINTS: THIRD WORLD WOMEN, CHILDREN, AND FAMILIES—Live from Harvard.

3:30-4pm

ELECTROPHYSIOLOGY AND HEMODYNAMICS OF THE FROG HEART—Rec. 4/75.

Monday, May 14

Channel 8: 12-2pm

TECHNOLOGY AND WORK: WHO DECIDES?—Frank Runnels and Frank Rosen, Pres. and V. Pres. of the All-Unions Committee to Shorten the Work Week. Rec. 10/26/78.

2-3pm

TECHNOLOGY, LABOR, AND POLITICS—Arthur Scargill, Pres. Yorkshire Miners National Union of Mine Workers. Rec. 1/16/79.

3-4pm

MIT SYMPHONY ORCHESTRA—by Video Club. Rec. 1977.

4:30-5:30pm

INFLUENCE OF PROTEIN STRUCTURE ON IMMUNE RECOGNITION—Dr. Allen Rosenthal, Merck Institute for Therapeutic Research.

Channel 10: 3-9pm

6.041-6.431 REVIEW SESSIONS—Prof. Al Drake, Dept. of Electrical Engineering, MIT. Tapes one hour each, alternating: D11 D12 D11 D12 D12

Tuesday, May 15

Channel 8: 12:15-12:45pm

CAMBRIDGE...USA—"A Harvard Museum and the Cambridge Public Schools"—Gaby Pundon, Museum of Comparative Zoology; Kaki Aldrich, Public Education Specialist, Harvard Museums; Barbara Powell, Cambridge Parent. Rec. 3/22/79 WLVI-TV Ch. 56. From Harvard.

12:45-1:45pm

TOTS IN TINSSEL TOWN—Act 2, Harvard Hasty Pudding Theater, 1976. From Harvard.

2-4pm

POLITICS, TELEVISION, AND THE NEWS—Edwin Diamond, Dept. of Political Science, MIT, guest Terry Ann Knopf, *Miami Herald* Press Office and writer, *Boston Globe*. Rec. 10/19/78.

4-12mid

8.02 REVIEW SESSION

Channel 12: 4-5pm

STRUCTURE DETERMINATION OF CARBOHYDRATES—Dr. Roger W. Jeanloz, Mass. General Hospital Research Tutorials. Live from Harvard.

# Echoes

May 6-12

## 50 Years Ago

Mary Elizabeth Betts '30 was elected President of the Liberal Club.

Miss Betts was also elected President of Cleofan, a society of Technology coeds not in the Architectural Dept. Other officers elected by members of Cleofan include Grace Sarrel '30, vice president; Katharine A. Sarabia '32, secretary; and Mary K. Cusick '31, treasurer.

## 40 Years Ago

The annual moonlight sail of the 5:15 Club will take place on board the largest cruise ship in the area, the "City of Hull." The ship has facilities for dancing on three decks and a sixty-foot bar on one deck.

## 25 Years Ago

The Damon Runyon Memorial Fund for Cancer Research awarded the Institute a \$20,000 grant for research by Dr. John G. Trump, Professor of Electrical Engineering. His project is entitled "Some Physical and Clinical Studies with High Energy Electrons."

Prepared by Marcia Conroy, MIT Historical Collections, x4444.

## TECH TALK

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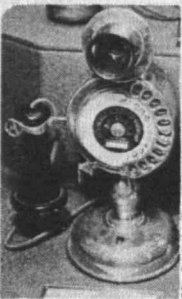
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## 'Hello Central' Opens at Historical Collections

After considerable refurbishing and reorganization, the MIT Historical Collections (265 Mass. Ave., 2nd floor) is in the process of opening several new exhibitions for public perusal.



Alexander Graham Bell and MIT.

Of particular interest and just recently installed is "Hello Central," a display that traces the development of the telephone as well as the relationship between Alexander Graham Bell and MIT.

Bell attended a lecture in acoustics at MIT on the day he arrived in Boston in April, 1871. Later he worked with MIT Professors Edward Pickering and Charles R. Cross in a laboratory, experimenting with the latest findings in acoustical research.

In 1876, Bell gave the first working demonstration of his telephone at MIT. In 1916, at the dedication of MIT's Cambridge campus, Bell made the first multi-station, cross-country hook-up, reaching 34 MIT alumni clubs.

The Historical Collections



Entrance to the MIT Historical Collections—definitely a must for Employees Open House, or anytime. —Photo by Calvin Campbell

exhibit includes phones, graphics and other related memorabilia, bringing to life the magic of an instrument that a world eager to keep in touch embraced.

Other new installations on display are the "X-Ray Astronomy Sounding Rocket" and "L'ère de Despradelle," the latter featuring architectural renderings from the Beaux Art

period of 1893-1912 as influenced by Professor Constant Desiré Despresdelle.

Open Monday-Friday, 9am-5pm, the Historical Collections continues to house and display rare instruments (c. 1800-1900), photographs, globes and portrait busts. The exhibits will also be open to the public on Saturday, May 12, as part of the MIT Employees Open House.

## Advisory Committee to Aid Search for OME Director

Associate Provost Hartley Rogers, Jr., has announced the formation of an eight-member advisory committee to assist in a national search for a new Director of the Office of Minority Education (OME).

Professor Rogers said the committee will be chaired by Arthur C. Smith, professor of electrical engineering, who has served as acting director of OME since February. Professor Rogers said Professor Smith would continue as acting director until a new director is selected.

Professor Wesley L. Harris, who had served as director of the OME since the office was established in 1975, resigned as director in February when he began a one-year leave of absence from his faculty position as a professor in the departments of ocean engineering and of aeronautics and astronautics to join the National Aeronautics and Space Administration.

The advisory committee includes three students as well as faculty and staff. Serving with Professor Smith are:

Ronald P. Adolph, a sophomore in civil engineering; Dera A. Gray, a sophomore in computer science and electrical engineering; Mary O. Hope, assistant dean for student affairs; Dr. Arthur P. Mattuck, the Class of 1922 Professor of Mathe-

matics; David Venecia, Jr., a sophomore in chemical engineering; Dr. Clarence G. Williams, special assistant to the president and chancellor for minority affairs; and Dr. James E. Young, professor of physics.

Professor Rogers said that the provost's office "is committed to continuing OME as a strong and successful student-support effort." He said that the characteristics sought in a new director would include intelligent understanding of the nature and goals of the undergraduate educational program, sympathetic understanding of minority experience and minority needs at an institution like MIT; strong personal commitment to the purpose of OME; qualifications and experience that will provide a high level of credibility with MIT faculty, minority students, staff and administration; and personal qualities that will help the individual work effectively with the same groups.

The establishment of the OME in 1975 was the result of several years of research and planning. It has helped to identify and assess, as far as possible, factors important in the learning process of minority students at MIT, and has been concerned primarily with academic aspects of minority experience at MIT.

## Work Begins In Killian Court

(Continued from page 1)

a lot going on behind the scenes.

As has been the custom for many years, Rockwell Cage is also being prepared for Graduation Exercises, in cases of inclement weather. Activities there, however, are considerably scaled down this year.

The usual central stage, with its back drape and huge American flag will be in place, but chairs for the Corporation and faculty will be on the floor. And there will be the usual 4,100 audience seats for the graduates and their guests.

But something more is new this year—the "hidden" third Commencement arrangements that rest almost entirely with the on-the-spot people who year after year have guaranteed the flawless execution of the chief ritual of the academic year.

The "hidden" Commencement arrangements have to do with the 6-7am decision as to whether or not the weather welcomes the new outdoor event. Though moving Commencement back into the Cage seems a simple decision, a lot of last-minute work would be involved. For example, the Institute seal and diplomas must be moved as well as floral decorations and medical facilities.

Most hidden of all has been the work of the subcommittee of the Commencement Committee which began planning for the outdoor ceremony more than a year ago. The committee is chaired by Professor Gerald L. Wilson, head of the Department of Electrical Engineering and Computer Science.

Mary L. Morrissey, director of the Information Center and executive secretary of the Commencement Committee has provided support and coordination in planning the various activities. Henry J. Leonard, Physical Plant superintendent of support systems, is responsible for installation of all physical facilities necessary with assistance from Conor Moran and Frank Winsor, and Ted Doan.

## Adams Memorial Service Planned

A memorial service for Professor Frederick J. Adams will be held Friday, May 11, at 2pm in the MIT Chapel.

Professor Adams, who died March 25 in Toledo, Ohio, was the first head of MIT's Department of City and Regional Planning (now Urban Studies and Planning).

Memorial contributions in lieu of flowers may be made to the Frederick J. Adams Fellowship Funds of the School of Architecture and Planning.

Rockwell Cage has become too small for Commencement as more and more students graduate each year, producing a bigger and bigger audience of proud families, according to Professor Wilson. By moving to commodious Killian Court, each graduating student can have three tickets—and sometimes four. The Commencement

Committee also hopes to accommodate more members of the Institute community who will be able to observe "their graduate" from the periphery of the back of Killian Court. Members of the community are also invited to observe the procession which will march south on Massachusetts Avenue, then east on Memorial Drive to the entrance to Killian Court.

## Senior Week Events Listed

Last chance for a last fling is fast approaching for MIT seniors.

One event has already been planned for the last day of classes, and three more for Senior Week. In the classes of '79 newsletter, class officers have asked graduating seniors for suggestions for other activities which will include families and friends.

Already on the calendar are "The Freedom Ride"—an evening cruise in Boston Harbor aboard the M/V Freedom Friday, May 18, from 8pm-12:30am. Moonlight and sea breezes on the top deck, disco on the second, dancing to the music of Clockwork on the third, with hors d'oeuvres and a cash bar add up to a night to remember.

Saturday, June 2, from 3-6pm, Kresge Oval will be given over to a traditional New England Clam Bake. All the usuals. Tickets at \$9 will be sold in Lobby 10 through May 18.

Sunday, June 3, at 2pm, "Doc" Edgerton's Magic Show will be staged in Rm 10-250. It's free, first come, first served, and the doors will open at 1:30. Sunday evening, a semi-formal dance with rock and swing music will be held at the Student Center from 8pm to midnight. Tickets are \$4 per person.

The week, of course, culminates in Commencement. If the weather proves fine, it will be the first outdoor commencement in more than 50 years. Each senior on the Degree List will receive three tickets, and can apply for a fourth at the Information Center, where all tickets must be picked up between May 14 and 25. If it rains, the graduation exercises will be held in Rockwell Cage, and only two tickets will be good for the Cage.

Tech Talk will not accept classified ads for commencement tickets.

## 4 Rune On Sale Now at Discount

RUNE, the MIT Journal of Arts and Letters, has just been published in its fourth edition by students and employees of the Institute.

Titled 4 RUNE, the booklet will be on sale for \$1.00 in the lobby of Building 10 through May 11.

Described as being "less conservative than 2 RUNE or 3 RUNE," by editor Leslie Chow, this latest edition is an eclectic collection of visual and literary offerings that range from serious concepts and writings to light-hearted humor.

According to Ms. Chow, a senior in civil engineering from Chappaqua, NY, "4 RUNE does not try to be sensational, but fresh... less traditional...with more variety and depth."

Heading up that effort is an interview with playwright Jonathan Lipsky, author of "Master of Ecstasy." The interview was conducted by Niti Salloway, manager of television services at MIT, and Dr. E.G. Mitropolous, a Ford Foundation Fellow in the Department of Architecture. An excerpt from the play is also included.

Dr. Mitropolous designed the cover for this publication, a work that doubles as an example of "Mail Art," a form of graphic art that involves the owner in communication exchange through the mail.

## Pratt to Assume Position at Tufts

Professor George W. Pratt, Jr., of the Department of Electrical Engineering and Computer Science, has been appointed an adjunct professor of equine medicine at the Tufts University School of Veterinary Medicine. The school will open in October.

Professor Pratt, who will continue to be a member of the MIT faculty, has developed a device consisting of supersensitive force plates that has proved successful in predicting lameness in horses that veterinarians and trainers presumed to be fit.

## Millon Assumes New Post At National Gallery Center

(Continued from page 1)

and foreign scholars at very advanced levels to doctoral candidates pursuing independent and Gallery-related research and writing projects.

The research facilities, in addition to the gallery's art collection, will include a major art reference library, extensive photographic archives, a computerized bibliography, offices and carrels, and seminar rooms.

Speaking of the scope of the center, Mr. Brown said, "The intent of the center is to provide optimum conditions for scholarly research and have as its goal the establishment of a singularly rich environment for art historical related subjects in the United States."

Professor Millon said, "An important part of the center's goal will be the extension of its interest to a wider professional public in the Washington area through a program of public lectures and small colloquia."

Professor Millon, a distinguished scholar and architectural historian, first taught at MIT in 1955-56 as a part-time instructor. He was appointed assistant professor of the history of architecture in 1960, associate professor in 1964 and professor in 1970. He has also taught at Harvard University, Brown University, Pennsylvania State University and Oberlin College.

He was a member of the Institute

for Advanced Study at Princeton this year, and was director of the American Academy in Rome in 1974-75.

Professor Millon received the BA in English in 1947, the BS in physics in 1949 and the B. Arch in the history of art in 1954, all from Tulane University. He then received the AM in history of art in 1954, the M. Arch in architecture in 1955 and the PhD in the history of art in 1964, all from Harvard University.

His books include *Baroque and Rococo Architecture*, and the widely used textbook *Key Monuments in the History of Architecture*. He has published with Craig Hugh Smyth three portions of a long-term study of Michelangelo and St. Peter's.

He is also the author and editor of numerous publications and articles on art and architecture.

His many memberships include the *Accademia delle Scienze*, Turin, Italy, the *Societa Subalpina di Storia Patria*, also in Turin, and the *American Academy of Arts and Sciences*.

Professor Millon has also written a series of articles on architecture for the *Boston Globe* and organized, with a team of architects, an exhibition for the Museum of Modern Art, "The New City: Architecture and Urban Renewal, 1967."

He was born in Altoona, Pennsylvania in 1927, is married to the former Judith Rice, and has four children.

## Ephraim Katzir To Present Compton Lecture On Friday

(Continued from page 1)

fellow and guest professor at Harvard University, a visiting professor at the Rockefeller University in New York City and a fellow at the University of California at Los Angeles.

He has contributed papers and articles, including many on protein and polyamino acids, to more than 100 scientific publications and professional journals. He also has served as a member of the editorial board on a number of publications.

He is a member of the National Academy of Sciences of the United States and a foreign honorary member of the American Academy of Arts and Sciences. His prizes include the Tchernikhovski Prize (for exemplary translation of scientific literature into

Hebrew), the Weizmann Prize (from the municipality of Tel Aviv), the Israel Prize in Natural Sciences and the Rothschild Prize in Natural Sciences.

Professor Katzir's late brother, Dr. Aharon Katzir, was one of the early associates of the Neurosciences Research Program at MIT when it was founded in 1962, and remained an associate member until his death. He was also among the founders of the International Union of Biophysics. Dr. Aharon Katzir, who was known by the name Katchalsky in the West, was killed in a terrorist attack at the Tel Aviv airport in June, 1972.

# THE INSTITUTE CALENDAR X3-3270

May 9  
through  
May 20

## Events of Special Interest

**Annual Awards Convocation\*** — Fernando Cruz-Villalba, current president, Graduate Student Council. Annual presentation of awards to members of the community for outstanding contributions in service, teaching and athletics. Fri, May 11, 11am, Little Theatre, Kresge Auditorium.

**Employees Open House\*** — Some 50 exhibits, events and activities have been planned for the public to see what goes on at MIT. Campus-wide demonstrations and displays. Sat, May 12, 10am-5pm.

**Day Trip to Mystic Seaport\*** — Sponsored by the MIT Cambridge Chapter AARP. Visit Mystic Seaport Museum, including luncheon. Sat, May 19, 9am, buses will leave from West Garage. Admission: \$18. Reservations required.

## Seminars & Lectures

### Wednesday May 9

**Hybridomas — A New Vista in Research\*** — Malcolm L. Gefter, PhD, professor of biology. The Clinical Research Center Seminar, 9am, Rm E18-408.

**Capital Accumulation and Immigration in the Periphery: The Case of Venezuela\*** — Saskia Sassen-Koob, sociology, Queens College. Migration and Development Study Group Seminar, Noon-2pm, CIS Seminar Room I, Rm E38-615.

**Is It Catching?\*** — John M. Moses, MD, an internist and former Chief of Infectious Diseases, Mt. Auburn Hospital. Medical Department Spring Lecture Series, Noon-1:15pm, Rm 10-105. Space is limited call x3-1316 if you plan to attend.

**Wind-driven Transient Circulation in the Middle Atlantic Bight: Some Modeling Results\*** — Dr. Dale Haidvogel, WHOI. Oceanography Sack Lunch Seminar, 12:10pm, Rm 54-915. Coffee provided.

**Polymer Crystallization and Properties of Crystalline Polymers\*** — Prof Leo Madelkern, University of Florida. Polymer Seminar Series, last of a three part series, 2pm, Rm 3-133.

**Holography — The Second Decade\*** — Dr. Stephen Benton, Polaroid Corporation. Electrical Engineering and Computer Science Optics Seminar, 3pm, Rm 36-428.

**Nuclear Engineering Doctoral Engineering Seminars\*** — Ron Ballinger, Corrosion Fatigue of Nickel Base Alloys for Nuclear Steam Generator Applications, 3pm. Raul Racana, Structural Analysis of Fusion Reactor First Walls, 3:30pm. Dan Litai, Choice and Analysis of Design Basis Accidents, 4pm. Rm NW12-222.

**Theory of the Intergalactic Medium\*** — Dr. Richard D. Sherman, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California. Special Plasma Theory Seminar, 3:30-4:30pm, Rm 36-216.

**The Control of Acetylcholine Synthesis\*** — Dr. Alan M. Goldberg, Johns Hopkins University. Seminar at 4pm, Rm 66-144.

**Raymond Pearl: From Eugenics to Population Control\*** — Garland Allen, Washington University. Program in Science, Technology and Society Seminar, 4pm, Rm 20D-205. Coffee served 3:45pm.

**Nuclear Flashes on Neutron Stars\*** — Prof Paul Joss, Undergraduate Physics Colloquium, 4:15pm, Rm 4-339. Social hour follows.

### Thursday, May 10

**The US-Japanese Connection\*** — Mr Fujii, Counsellor, Japanese Embassy, Washington. Center for International Studies Seminar, Noon-2pm, CIS Seminar Room I, Rm E38-615.

**High-Speed Surface Roughness Measurement from Infrared Laser Scattering\*** — Jonathan M. Rourke, research assistant, mechanical engineering. Laboratory for Manufacturing and Productivity, Mechanical Engineering, 2-3pm, Rm 37-252.

**Engineering the Energy Transition\*** — Dr. J. Michael Gallagher, engineer with Bechtel National, Inc., San Francisco California. Seminar at 3:30-5pm, Rm 1-236.

**Manpower Needs for the 80's as They Relate to Blacks\*** — Dr. Elias Blake, President, Clark College, Atlanta, GA. Minority Graduate Student Spring Lecture Series, 4pm, Rm 10-105.

**Maximal Entropy, the Cosmic Background Radiation, and Its Angular Momentum\*** — Dr. Irving E. Segal, mathematics. Maximum Entropy Seminar sponsored by the Center for Advanced Engineering Study, Department of Mathematics and Mechanical Engineering, 4-5pm, Rm 9-451. Coffee at 3:45pm.

**Quantitative Analysis of Complex Mixtures with a Gas Chromatograph-Mass Spectrometer-Computer System\*** — Prof Charles Sweeley, Chemistry, Michigan State University, Visiting Scientist at MIT. Analytical Chemistry Seminar, 4pm, Rm 8-105.

**Real Time ECG Waveform Analysis with a Portable Microcomputer\*** — W.H. Olson, associate professor, electrical engineering and computer science, and Harvard-MIT Health Science and Technology Division. Committee on Biomedical Engineering Seminar, 4-5:30pm, Rm 35-225. Refreshments served.

**Stellar Evolution and Supernova Collapse\*** — Dr. Hans A. Bethe, Nobel Laureate and professor of physics, emeritus, Cornell University. Physics Colloquium, 4pm, Rm 26-100. Tea served 3:30pm, Rm 26-110.

**The West and the Rest of Us: A Visit to the World's Poor\*** — Michael Harrington, chairman, Democratic Socialist Organizing Committee. Sponsored by the Faculty Steering Committee, 4:30-6:30pm, Rm 4-270.

**Introduction to Meditation\*** — M. O'Connell, student of Sri Chinmoy. Sponsored by the Undergraduate Student Association, 7pm, Rm 4-149. Refreshments served following seminar.

### Friday, May 11

**Selective Infrared Photodissociation of Weakly Bound Molecules\*** — W. Ron Gentry, University of Minnesota. Seminar on Modern Optics and Spectroscopy, 11am-Noon, Rm 9-150. Coffee served at 10:30am.

**Chemical Engineering Seminars\*** — Frank Smith III, Electrostatic Effects on Restricted Diffusion of Macromolecules, 2pm. Richard Quann, Ash Vaporization During Coal Combustion, 3pm, Rm 66-110.

**Non-Linear Mode Below the Electron Plasma Frequency\*** — Dr. V.B. Krapchev, MIT. Plasma Fusion Seminar, 3pm, Rm NW16-212. Refreshments served.

**On the Supervision of Robots\*** — Prof Thomas Sheridan, mechanical engineering. Mechanical Engineering Seminar, 3pm, Rm 3-133.

**Block Copolymers: Overview and Theory\*** — Dr. Eugene Helfand, Bell Laboratories. Center for Materials Science and Engineering Colloquium, 4pm, Rm 9-150. Coffee at 3:30pm.

**Descartes and Spinoza; Two Motivations for Rationalism\*** — Prof Harry Frankfurt, Yale University. Linguistics and Philosophy third in a series of lectures on Human Knowledge, sponsored in part by a grant from the Franklin J. Matchette Foundation. Seminar at 4pm, Rm 4-231.

**A Scientist as President of a State\*** — Prof Ephraim Katzir, Former President of the State of Israel and Professor, Weizmann Institute, 4pm, Rm 54-100.

**Aspects of Functional Representation in the Human Brain\*** — Prof Brenda Milner, neurology and neurosurgery, Montreal Neurological Institute. Psychology Colloquium, 4:30pm, Rm E10-013. Coffee at 4:15pm.

**Newton-Mairmonides Connection: Judaic Influences on Newton's Thought\*** — Prof Irving Segal, mathematics. Oneg Shabbat Lecture, 9pm, Talbot Lounge, East Campus. Refreshments served.

### Monday, May 14

**Macho, Defenselessness, and Nuclear Arms Control\*** — Col. Bob Clewell, CIS visiting scholar, former advisor to SALT delegation. Center for International Studies Seminar, Noon-2pm, Rm E38-762.

**Symposium in Honor of 100th Birthday of Albert Einstein\*** — Prof P. Morrison, MIT, Einstein's Physics; Prof B. Feld, MIT, Einstein and the Quest for Peace; Prof I. Shapiro, MIT, Experimental Challenges of Einstein's General Theory of Relativity; Prof J. Bernstein, Stevens Institute of Technology, Albert Einstein and the Philosophy of Science. Sponsored by the Department of Physics, 1:30pm, Rm 26-100.

**A Method for Evaluating the Potential of Geothermal Energy in Industrial Process Heat Applications\*** — Michael Packer, research assistant, Mechanical Engineering Seminar, 3pm, Rm 37-252.

**The Role of Mass Media in Nutrition Education\*** — Richard Manoff, Manoff International. Seminar at 4pm, Rm 16-310.

**In Vitro Shearing Stress Measurements in the Common Carotid Bifurcation\*** — Haywood Zwering, research assistant. Fluid Mechanics Seminar, 4-5pm, Rm 5-234. Coffee at 3:55pm.

**Wind Mixing\*** — Dr. Siegfried Bloss, civil engineering. Water Resources and Environmental Engineering Seminar, 4-5pm, Rm 48-316. Coffee at 3:45pm, Rm 48-410.

**Wronskians\*** — Dr. Joseph Kung, mathematics. Applied Mathematics Colloquium, 4pm, Rm 2-338. Refreshment served at 3:30pm, Rm 2-349.

### Tuesday, May 15

**Is the Israeli-Arab Conflict Getting to Be Obsolete?\*** — Arie L. Eliaiv, Harvard Center of International Affairs Research Associate. Center for International Studies Seminar, Noon-2pm, Rm E38-762.

**Biaxial Extension of Plane Woven Fabrics\*** — Dr. N.C. Huang, mechanical engineering, visiting associate professor from University of Notre Dame. Applied Mechanics Seminar, 3pm, Rm 3-270. Coffee after seminar, Rm 1-114.

**Gas Phase Metal Ion Chemistry: Reactions and Thermochemistry with Organic Molecules\*** — Prof Ralph Staley, chemistry. Seminar in Physical Chemistry, 4pm, Rm 4-370. Coffee at 3:45pm, Rm 6-321.

**Model Building and Model Validation\*** — Prof Henry Braun, Princeton University. Statistics Seminar, 4pm, Rm 2-338. Refreshments 3:30pm, Rm 2-349.

**Stochastic Modelling of Ocean Storms\*** — Shyam Sunder, civil engineering. Seminar series on Research in Offshore Engineering. Sponsored by the Departments of Civil and Ocean Engineering, 4-5pm, Rm 48-316.

**Early Results from Einstein, the Orbiting X-Ray Observatory\*** — Prof. Riccardo Giacconi, Center for Astrophysics, Harvard University. Astrophysics Colloquium, 4:15pm, Rm 37-252. Coffee 3:45pm.

**Chicken Genes That Code for Chicken Viruses\*** — Dr. Harriet Robinson, Worcester Research Foundation, Shrewsbury, Mass. Biology Colloquium, 4:30pm, Rm 6-120. Coffee at 4pm, vestibule, 5th fl, Bldg 56.

### Wednesday, May 16

**Essential Fatty Acid Deficiencies in Man and Animals During Total Parental Nutrition\*** — Robert L. Wixom, PhD, visiting professor of biochemistry. Clinical Research Center Seminar, 9am, Rm E18-408.

**Air Traffic Control: National and International Service\*** — William O. Codner, British Embassy, Civil Air Attache. Aeronautics and Astronautics General Seminar, 2pm, Rm 37-252.

**Nuclear Engineering Doctoral Engineering Seminars\*** — Song-Feng Wang, Mixed Convection in Sodium-Cooled Reactors with Transients, 3pm. John Bernard, Computer Control of Pressurized Water Reactors, 3:30pm. Dave Boyle, Transient Effects in Turbulence Modeling, 4pm, Rm NW12-222.

**Anatomical Evidence for Local Interactions in Monoamine Nuclei: Dendrite Bundles, Neuronaltanycyte Relationships and Neural-Vascular Relationships\*** — Dr. David L. Felten, Indiana University, School of Medicine. Seminar at 4pm, Rm 66-144.

### Thursday, May 17

**Fifty-One Years of Quantum Electrodynamics\*** — Prof Victor F. Weisskopf, MIT. Physics Colloquium, 4pm, Rm 26-100. Tea served at 3:30pm, Rm 26-110.

**Visual-vestibular Acoustic-vestibular Interaction During Linear Acceleration\*** — Prof R. Schmid, Institute Di Elettronica, Pavia, Italy. Committee on Biomedical Engineering Seminar, 4-5:30pm, Rm 35-225. Refreshments served.

**Differential Picture Coding Using Pseudorandom Noise\*** — L.L. Picard, C.I.P.G. Group Meeting, 5pm, R.L.E. Conference Rm 36-428.

### Friday, May 18

**Chemical Engineering Seminars\*** — David Ekpenyong, Frontier Orbital Treatment of Liquid-Phase Reactions of Coal Model Compounds, 2pm. Steven Dinh, The Rheology of BMC Processing, 3pm, Rm 66-110.

**The Control of Flexible Space Structures\*** — Prof Arthur E. Bryson, aeronautics and astronautics, Stanford University. Mechanical Engineering Seminar, 3pm, Rm 3-133.

**Discovery of an Information Processing Mechanism in Extrasensory Perception Functioning\*** — Prof Charles Tart, University of California at Davis and Stanford Research Institute. Psychology Colloquium, 4:30pm, Rm E10-013. Coffee at 4:15pm.

## Community Meetings

**Wives' Group\*** — Wed, May 9, Robert Manners, Chairman of the Anthropology Department at Brandeis University, will give a presentation on "American Indians", 3-5pm, West Lounge, Student Center. Babysitting provided.

**Annual White Elephant Sale\*** — Sponsored by the MIT members of the Cambridge Business and Professional Women's Club to benefit the Olive Libitz Scholarship Fund. Thurs, May 10, 9am-2:30pm, Rm 10-105. Donations may be given to any of the following: Julia Lucas, Rm 14E-210; Norma Loomis, Rm 12-134; Patricia Moulton, Rm E19-702; Alice Seelinger Rm 7-133; Marguerite Pinkston, Rm E19-215, or Elenore Kehoe, Rm 5-119.

**Spring Craft Sale\*** — Sponsored by the Technology Wives Organization. May 10 & 11, 10am-3pm, Lobby Building 10.

**Lunch to Go\*** — Sponsored by the Technology Children's Center. Year end fund raising event, prepared by parents of children in the program. Fri, May 11, Rm 10-105, 11:30-2pm.

**Health Plan Annual Open Enrollment\*\*** — Wed, May 16, Noon, Rm 10-105. From 11am-3:30pm, a representative will be available to answer questions and enroll new members. Information call x3-1322.

**Wives' Group\*** — Wed, May 16, Barbara Reinhold of Brookline High School, will present "A Teacher's View of Teenagers", 3-5pm, West Lounge, Student Center. Babysitting provided.

**Seniors!\*\*** — Fri, May 18, 8pm-12:30am, "The Freedom Ride", Boston Harbor Cruise, live band Clockwork, live DJ, hot and cold hors d'oeuvres, cash bar. Tickets: \$6/person and limited! Sat, June 2, 3-6pm, Kresge Oval, "Clam Bake", lobster, steamed clams, Bar-B-Q chicken, corn-on-the-cob, watermelon, rolls, beer, coke. Ticket: \$9/person. Sun, June 3, 8pm-Midnight, "The Last Tango", semi-formal, two live bands, one playing swing and the other playing rock, hors d'oeuvres and cash bar. Tickets: \$4/person. All tickets on sale now, Lobby 10 or call Gregg x5-9481 or Marcia x5-8307 Dorm.

**Open Meeting\*** — New England Gilbert and Sullivan Society. Sponsored by the Community Players. Sun, May 20, 3pm, Mezzanine Lounge, Student Center. Refreshments served. Information: x3-5716.

**Progress Reports\*\*** — Dotty Bowe, Betty Campbell, and Sylvia Darrow, WAG Representatives from the Forum, will discuss the Women's Advisory Group's activities for the year; Joy Thompson, Women's Forum Steering Committee, will discuss plans for the fall Stress Workshop. Sponsored by the Women's Forum, Mon, May 21, Noon-1pm, Rm 10-105.

**Technology Wives Organization Weekly Exercise Class\*\*** — An hour of serious exercise led by professional Wambui Demps. Every Monday through May 14, 8pm, Exercise Room, 2nd fl, DuPont Gymnasium. Information: Call Wambui Demps 427-5008.

## Lobby 7 Events

**Peter Spencer Concert\*** — Sponsored by the Lobby 7. Fri, May 11, Noon-1pm.

## Social Events

**Emeriti Faculty Luncheon\*\*\*** — Thurs, May 10, Noon, Emma Rogers Room.

**Honorary Matrons of MIT\*\*\*** — The spring luncheon meeting will be held Thurs, May 10, McCormick Hall, Amherst Street. Sherry at Noon and luncheon at 1pm. Acceptance cards will be mailed to you.

**Last Fling Disco\*\*** — Sponsored by the Technology Children's Center (TCC) Year-end fund raising event. Sat, May 12, 9pm-1am, Walker Memorial. Tickets: on sale now. TCC in Eastgate and Westgate and the Child Care Office, Rm 4-114, 9-5 daily, and in the Maclaurin Lobby, Noon-1:30pm.

**Eta Kappa Nu Initiation and Banquet\*\*** — Prof Robert L. Kyhl, will be the Honor Initiate and Prof Ed Fredkin will be the featured speaker at the banquet, open initiation to be followed by a banquet at Endicott House, semi-formal. Sun, May 13, 3pm initiation Marlar Faculty Lounge, Rm 37-252; 6:30pm banquet, Endicott House, Dedham, Mass. Admission: \$7.50. Tickets: Charles Freeman 247-8691 or Louis A. Nagode x3-7764 or x5-9126 Dorm.

**Faculty Club\*\*\*** — Open Monday through Friday; Luncheon served Noon-2pm; Dinner served 5:30-8pm. Happy Hour: Monday through Friday, 4:30-6:30pm, wide variety of drinks \$1.05.

## Movies

**La Nuit Americaine (Day for Night)\*\*** — Sponsored by the Department of Humanities. In French w/English subtitles. Wed, May 9, 7pm, Rm 66-110. Free. Call Dora for confirmation x3-4441.

**La Nuit Americaine (Day for Night)\*\*** — Sponsored by the Department of Humanities. Directed by Truffaut. In French w/English subtitles. Thurs, May 10, 2pm, Rm 26-168. Free. Call Dora for confirmation x3-4441.

**Open City\*\*** — Sponsored by the Department of Humanities. Directed by Rossellini. In Italian w/English subtitles. Thurs, May 10, 7pm, Rm 14N-0615. Free. Call Dora for confirmation x3-4441.

**The Return of the Tall Blond Man with One Black Shoe\*\*** — LSC Movie. Fri, May 11, 7 & 9:30pm, Rm 26-100. Admission: 75c w/MIT or Wellesley ID.

**Pygmalion\*\*** — LSC Classic Series. Fri, May 11, 7:30pm, Rm 10-250. Admission: 75c w/MIT or Wellesley ID.

**The Groove Tube\*\*** — LSC Movie. Sat, May 12, 7 & 9:30pm, Rm 26-100. Admission: 75c w/MIT or Wellesley ID.

**Mission Hill and the Miracle of Boston\*\*** — Sponsored by the Department of Humanities. A new documentary on the transformation of Boston's neighborhoods. Sat, May 12, 7:30 & 9:30pm, Rm 54-100. Admission: \$2.50 \$1.50 w/MIT ID. Call Dora for confirmation x3-4441.

**in the Rain\*\*** — LSC Movie. Sun, May 13, 6:30 & 9pm, Rm 10-250. Admission: 75¢ w/MIT or Wellesley ID.

**Monday Night Screenings\*** — Last Grave at Dimbaza, Nana Mahomo; We the Lambeth Boys, Karel Reisz. Sponsored by the Film/Video Section, May 14, 7pm, Rm E21.

**Why Are the Brave\*\*** — Sponsored by the Department of Humanities. May 14, 7pm, Rm 14N-0615. Free. Call Dora for confirmation x3-4441.

**of the Flies\*\*** — Sponsored by the Department of Humanities. Mon, May 14, 8pm, Rm 10-250. Free. Call Dora for confirmation x3-4441. Directed by Glenville.

**ist\*\*** — Sponsored by the Department of Humanities. Directed by [unclear]. In German, no subtitles, followed by a brief talk in German by Prof. [unclear] Dyck. Tues, May 15, 7pm, Rm 14E-304. Free. Call Dora for confirmation x3-4441.

**ita\*\*** — Sponsored by the Department of Humanities. Directed by [unclear]. Tues, May 15, 6:30pm, Rm 14N-0615. Free. Call Dora for confirmation x3-4441.

**inese Cartoon: Monkey Makes Hovac in Heaven\*** — Sponsored by the [unclear]. Thurs, May 17, 7pm, Rm 10-250. Donation: \$1.50.

## Music

**ly Music Society\*** — Tim Aarset director. Second Annual Spring Concert of German Music (c.1450-1550) for chorus, soloists and instruments. Thurs, May 10, 8pm, Chapel. Free.

## Exhibits

**en House\*** — Sponsored by the Tech Model Railroad Club. Display of Model Railroad. Sat, May 12, 2-5:30 & 7:30-10pm, Rm 20E-214. Information: T. Paulson x3-3269.

**dent Exhibition\*** — On view through May 23. Works by students of the [unclear] Photography Laboratory, 120 Mass Ave, Camb, Mass, 3rd fl, Mon-Fri, 9am-10pm; Sat, 10am-6pm; Sun, Noon-8pm. Information: call 253-2525.

**cesses in Architecture: A documentation of six examples\*** — Works presented by architects: Marvin Goody/Simmons College renovation; Louis Kahn/The Yale Center for British Art and British Studies; Gerhard Kahn and Noel McKinnell/The Boston Five Cents Savings Bank; Donlyn [unclear]/Pembroke Dormitories at Brown University; Jack Myer/Dor-

mitories at Hampshire College and Worcester State College and Richard Tremaglio/private residence in Marblehead, Mass. On view daily 10am-4pm; Wed evenings; 6-9pm, Hayden Gallery, May 19 through June 24. Public reception: May 18, 5-7pm. 160 Memorial Drv, Camb, Mass. Sponsored by the Committee on the Visual Arts. Information: 253-4400.

**Alan Saret: Stair, Water and Canopy Arrangements\*** — Exhibition of drawings for architectural projects. The artist's intentions, procedures and concerns with regard to architectural structures will be explored. On view daily, May 19 through June 24, Hayden Corridor Gallery. Sponsored by the Committee on the Visual Arts. Information: call 253-4400.

**The Computer — From Counting to Cognition\*** — Computers then and now and how they got that way, photographs, computers and representative documents that trace the historic and scientific development of computers, also indication of the ever-expanding use of computers and will include many of MIT activities that contributed to this development. On view through Aug 15, Mon-Fri, 10am-5pm, weekends, 1-4pm. Margaret Hutchinson Compton Gallery, Rm 10-150, Camb, Ma.

**MIT Historical Collections\* — Vannevar Bush, '16; Bldg 4 corridor. The New Technology Exhibit, 2nd floor balcony of Lobby 7. Energy Exhibit, Bldg E40, 1st floor. Solar Energy, Bldg 8, main corridor. Harvard-MIT Rehabilitation Engineering Center, main corridor, Bldg 4. Rogers Building Exhibit, Bldg 4. Meteorology, main corridor, Bldg 8. Norbert Wiener, and Karl Taylor Compton, Bldg 4. Laboratory for Laboratory for Physical Chemistry, Bldg 6.**

**New Records\*** — Music Library, Rm 14E-109. Exhibit of record jackets of recent Library purchases.

**The Outdoor Collection\*** — There are many fine pieces of contemporary sculpture displayed on the MIT campus, including works by Alexander Calder, Louise Nevelson, Pablo Picasso, Henry Moore, Tony Smith and Jacques Lipschitz. For information and guides to the campus, call the Information Center, x3-4795.

**MIT Historical Collections\* — In-house exhibits include antique globes; the Ellsworth A. Wentz Collection of motors and meters; rare instruments including compasses, sundials and other measuring devices from the 17th and 18th centuries; Early Alumni and several exhibits of memorabilia and photographs honoring prominent graduates of the Institute; The Compton Years, a photographic essay of the lives of Dr. & Mrs. Karl Taylor Compton. On view daily, 9am-5pm, 265 Mass Ave, 2nd floor, Cam, Mass.**

**Strobe Alley\*** — High speed photographs by Harold E. Edgerton, Institute Professor and Professor of Electrical Measurement, Emeritus, Bldg 4, 4th floor.

**MIT Science Fiction Society\*** — Come and visit the world's largest lending science fiction library. Hours posted on door, Rm W20-421.

**Hart Nautical Museum\*** — Permanent exhibit of rigged merchant and navel ship models, half models of yachts and engine models. Open daily in Bldg 5, 1st floor.

## Theater

**The Wild Duck\*** — By Henrik Ibsen. Major spring production presented by the Dramashop. May 11, 12, 8pm, Little Theater, Kresge Auditorium. Information 253-2908. Tickets \$3; at the door and Lobby 10.

**Israel Folk Dance Festival\*** — Sponsored by the MIT Hillel. Featuring performances by twelve Israeli dance groups from the entire New England area. Sun, May 13, 8pm, Kresge Auditorium. Admission: \$3.50 adults; \$2.50 students w/ID, and senior citizens. Tickets available at the door.

**Summer and Smoke\*** — By Tennessee Williams. Presented by the Community Players. May 17, 18 & 19, 8pm, Little Theater, Kresge Auditorium. Tickets are \$3 in advance Bldg 10 for MIT & Wellesley students, or \$3.50 at the door. Group rates available. For information call 253-4720.

## Athletics

**Home Schedule\* — Fri, May 4, Golf, Wesleyan, Trinity and Assumption, 2pm. WV Softball, Regis, 4pm. Sat, May 5, LTWT Crew, Rutgers, 11am. V Lacrosse, Brandeis, 2pm. WV Softball, Brandeis, 1pm. MW Sailing, Invitational, 11:30am. Mon, May 7, Baseball, Suffolk, 4pm. Wed, May 9, Baseball, Northeastern, 4pm. Thurs, May 10, WV Softball, Endicott, 3:30pm. Sat, May 12, Lacrosse, Alumni, 1pm. Thurs, & Fri, May 10 & 11, N.E. Decathlon Championships Track, Noon.**

## Dance

**Outdoor Dance\*** — A performance of student work directed by Beth Soll. Sponsored by the Dance Workshop. Fourteen students performing their own composition outdoors. May 9, 10, 11, 6pm and May 12, 13, 3pm. Rain date: Mon, May 14, 6pm, Eastman Court. Free.

**Freshmen are encouraged to attend departmental lectures and seminars. Even when these are highly technical they provide students one means to learn more about professional work in a department and field.**

\*Open to the public  
\*\*Open to the MIT community only  
\*\*\*Open to members only

Send notices for May 16 through June 3 to Calendar Editor, Rm 5-113, x3-3270, before Noon, May 11, Friday.

# Course VI-A Sets Record For Third Year In A Row

For the third successive year, MIT's VI-A Program, which combines industrial and research experience with academic work in the Department of Electrical Engineering and Computer Science, will enroll a record number of students.

This year's VI-A Class of 100 students tops last year's record-breaking class of 78, making it the largest entering class in the 62-year history of the program, director John A. Tucker announced.

Companies participating in the program listed 124 openings for which 141 students applied. One hundred-twenty finally appeared on company preference lists after on-campus interviews in March—a much higher percentage than usual, Mr. Tucker said. Because some students are on several lists it is not possible to match all the openings.

"Undoubtedly," Mr. Tucker said, "this year's increased number of openings, up from 89 last year, is partly attributable to the growth of engineering opportunities in general, and particularly the high regard amongst the long-time participating companies in the program for the MIT students they attract. The increase is also the result of several companies adding new divisions to the program and the return of the Fairchild Camera & Instrument Co. to this year's selection process. The remaining growth is a result of companies increasing the number of openings at last year's locations."

Fairchild will have openings at its facilities in California and Maine. Other company divisions being added include General Electric Co.'s special purpose computer center in Bridgeport, Conn., GE's Electronics Park operation in Syracuse, N.Y., and Motorola, Inc.'s, semiconductor group opera-

tion in Phoenix, Ariz.

Mr. Tucker also announced that several members of the department's faculty will act as advisors to the program. Professor Joel Moses, associate head of the department, will be the advisor to the Draper Laboratory. Professor David Adler will be the advisor for Fairchild's West Coast operation and Motorola's Phoenix operation. Professor Campbell L. Searle will handle the East Coast operations of Fairchild. Professor Joseph C.R. Licklider will be advisor at GE's special purpose computer center. Professor Dimitri A. Antoniadis will be the advisor at IBM's laboratories in Endicott and Yorktown Heights, N.Y.

Mr. Tucker said that this year, for the first time, the VI-A selection process, from the initial sign-up through the final matching process, was done with computers. The algorithm for the matching process was worked out by Professor David H. Staelin. The computer program was written by Dennis L. Sheckler. The growth in the number of students applying made the use of computers necessary, Mr. Tucker said.

He estimated that as of June 1 total enrollment in the program (juniors, seniors and graduate students) will be 263—also a record.

## Alumnus Chosen As Head of MDC

Guy A. Carbone, a member of MIT's Class of 1957, was sworn in as commissioner of the Metropolitan District Commission Wednesday, May 2. After the ceremony he said, "I think being an engineer gives me an advantage on this job because a major portion of what the MDC does is construction." Mr. Carbone holds both the SB and SM in civil engineering from MIT and has a law degree from Suffolk University.

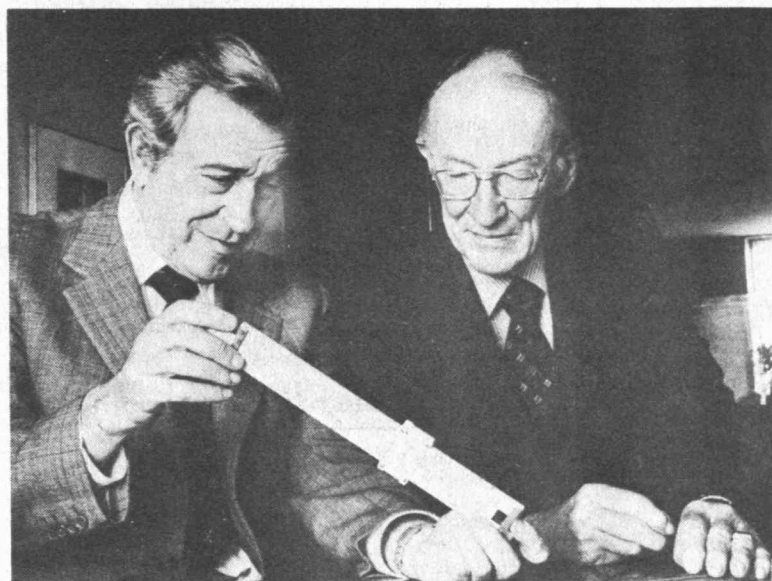
## Morris Wins Danforth Fellowship

Susan Jane Morris, a senior in mathematics at MIT, has won a Danforth Graduate Fellowship for advanced study toward the PHD degree.

Ms. Morris is one of 100 recipients of Danforth Fellowships this year, chosen from over 3,000 applicants. She plans to do her graduate work at MIT.

The Fellowship provides an award for tuition and fees plus an annual stipend for up to four years of study in preparation for a career in college teaching. Ms. Morris's interest in teaching dates back to high school when she taught math classes at the Lenox School in New York. Since 1977 she has been tutoring and grading for calculus courses at MIT.

Ms. Morris is president of the Undergraduate Math Club at MIT, and is a student member of the National Council of Teachers of Mathematics and the Mathematical Association of America. She hopes to combine a career in university teaching with research.



Kenneth J. Germeshausen, right, launched a campaign to build a collection of slide rules by presenting the one he used as a student and an antique French instrument to President Jerome B. Wiesner.

—Photo by Calvin Campbell

## MIT to Build Slip Stick Collection

At last week's meeting of the Council for the Arts, Kenneth J. Germeshausen, '31, director and consultant of EG&G, Inc., presented MIT President Jerome B. Wiesner with two slide rules, his own—bought when he was a freshman—and an antique French instrument.

Thus began what Historical Collections Director Warren A. Seamans hopes will become a definitive collection of slide rules at MIT.

"No instrument is more associ-

ated with MIT, at least in the minds of alumni, than the "slip stick," he said, "and yet there are very few of them in Historical Collections." At present, he said, there are fewer than 10 in the collection, which includes two antique cylindrical calculators.

Mr. Seamans said he hoped members of the community, including alumni, will contribute their slide rules, now instant antiques—and tax deductible—so that the Institute can develop a comprehensive collection.

## Indoor Tennis Sign-Ups Due

The 1979-80 Indoor Tennis Season will begin on Sunday, October 29, 1979, and continue through Saturday, March 31, 1980 (22 weeks). Applications from the MIT Community for 1979-80 seasonal plan playing time may be made and confirmed in person with Mr. Motroni at the Indoor Tennis Center, Mondays through Fridays, 8:00am to 4:00pm, beginning Thursday, May 17, 1979. Telephone reservations for seasonal plan use will not be accepted.

### HOURS & RATES

8:00am-12:00 noon@ \$6.00 per hour

1 hour per week—\$132.00 per court

Singles—\$66.00 per person, Doubles—\$33.00 per person

1-½ hours per week—\$198.00 per court

Singles—\$99.00 per person, Doubles—\$49.50 per person

12:00 noon-2:00pm and 6:00pm-11:00pm@ \$8.00 per hour

1 hour per week—\$176.00 per court

Singles—\$88.00 per person, Doubles—\$44.00 per person

1-½ hours per week—\$264.00 per court

Singles—\$132.00 per person, Doubles—\$66.00 per person

NOTE: The hours of 2:00pm through 6:00pm are reserved for MIT students. Application blanks are available at the Indoor Tennis Center, the Outdoor Courts, Equipment Rooms at duPont and Alumni Pool and from the Athletic Office, W32-117.

## Swetlitz Receives Pressman Award

Marc Swetlitz, a junior in the interdisciplinary science program from Monroeville, Pa., has been selected to receive the first Jeffrey L. Pressman Award.

The Award was established through contributions of friends and colleagues in memory of Professor Pressman, a promising young faculty member in the Department of Political Science who died in 1977. Additional support for the award will come from royalties on *American Politics and Public Policy*, a book edited in Professor Pressman's memory by Professors Walter Dean Burnham and Martha Weinberg.

Purpose of the Award is to support a summer project in American government or politics by an MIT or Wellesley junior. The Award may be used for research, education or travel.

Mr. Swetlitz plans to use the Award to study in detail the upcoming Triennial Convention of the World Council of Churches at MIT this summer.

"My objective," he said, "is to study the implications for American governmental policy concerning the transfer of technology to developing countries from the perspective of the Conference on Faith, Science and the Future, as the WCC meeting is titled." The conference will be attended by 500 delegates from around the world, most from developing nations.

Mr. Swetlitz will prepare a report on the policy implications of the WCC deliberations for presentation to the Department of Political Science in the fall.

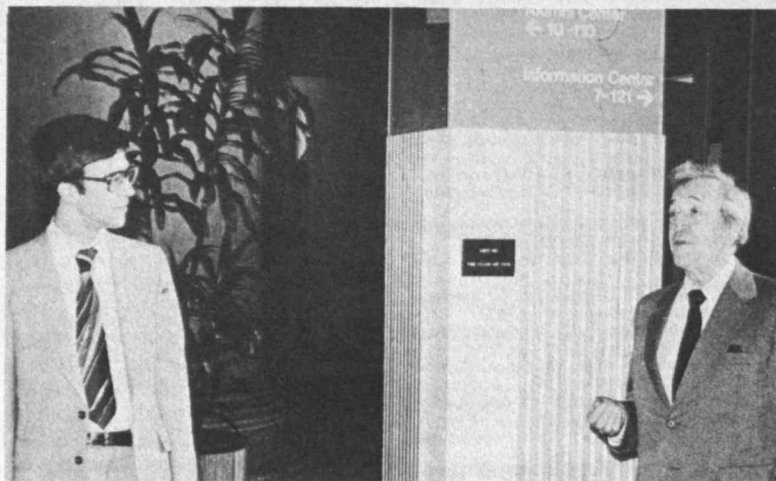
## Student Papers Cited By IEEE

Two papers by MIT students won first and third places in the Boston section of the Institute of Electrical and Electronic Engineers (IEEE) annual student paper contest.

First place winner, a paper on the "Big Board" (which was displayed in Building 7 lobby during IAP '79) called "A Versatile Message Display System," by Brad A. Myers, '79, of New Orleans, Larry Rosenstein, '79, of Canton, and Bill Heil, '79, of Wayne, Pa., went on to win second place in the regional contest. Third place winner at the section level was "A System for Mechanical Inspection Using Acoustic Techniques," by Charlie Freeman, '80, of Concord, Calif.







James L. Bidigare, Jr., president of the Class of 1978 and now a regional coordinator for the MIT ALumni Association, formally presented the 1878 Class Gift, furnishings for the Rogers Lobby lounge area, to President Jerome B. Wiesner at a brief ceremony on Monday.

—Photo by Calvin Campbell

## Leadership Campaign Reaches \$205 M

(Continued from page 1)

interest and well-being, and the role of each in an overall national effort that seeks to balance the nation's short-term needs for technology with its long-term needs for the fruits of research in the basic sciences.

In describing Leadership Campaign progress thus far, Mr. Johnson said: "The Campaign is moving steadily toward success, but it is not over yet. The final year is our greatest challenge and the last \$20 million the hardest. The result so far achieved is a great tribute to the thousands upon thousands of alumni and friends worldwide whose dedication and efforts have made the campaign such a success thus far."

While some Campaign goals have been well supported, Mr. Johnson said, there still remain some unmet critical needs that require special efforts during the remaining year of the Campaign.

Endowed professorships are an example. The Campaign goal is for 50 endowed chairs, most of them at \$1 million each, and thus far, 31 chairs have been subscribed. Also not fully met are endowment funds for student aid, capital funds for additional student housing, a new athletics and special events center, and a special fund for support of faculty and facilities for the MIT School of Engineering.

"The School's enrollment continues to climb and faculty and facilities have been stretched to the breaking point," he said. "It is a tribute to all members of that School that its rating remains first in the nation. There is particular need for support for young faculty."

Mr. Johnson said the Leadership Campaign includes a more recent \$10 million goal for the School of Engineering of which only \$2 million has thus far been subscribed.

Other areas where opportunities remain for new private support include the Alfred P. Sloan School of Management; new programs being launched in the brain sciences; new facilities for the creative arts; program support for research in energy technologies, management and policy; the Whitaker College of Health Sciences, Technology and Management; a new Program in Science, Technology and Society; and the Division for Study and Research in Education.

The Leadership Campaign was first announced at a meeting of the MIT Alumni Council in April 1975.

## Early Music Society To Perform

The MIT Early Music Society, Tim Aarset director, will give its second annual Spring Concert of German Music, Thursday, May 10, at 8pm in the MIT Chapel.

This free, public concert is sponsored by the MIT Music Section, and will feature a vocal ensemble, soloists and instrumentalists—all gathered from the MIT community.

"We have come a long way together in this unprecedented undertaking," Mr. Johnson told Council members. "Members of the Corporation and Corporation Development Committee, those who serve on our Volunteer Leadership Appeal and National Business Committee, and many more who are leaders and volunteers in the Alumni Fund and throughout the Alumni Association, have provided the direct and always encouraging personal support that has made our achievement to date possible. The thousands of alumni who have contributed so generously to the Alumni Fund have helped to provide the solid foundation on which all of these efforts have been built."

"Your enthusiasm, dedication, and loyalty have constantly encouraged all of us who serve at the Institute. We thank you for what you have done. Together we can complete the task and bring the MIT Leadership Campaign to a truly triumphant conclusion."

## Yvonne Rainer To Present Lecture and Film

As part of a series of seminars on "Film as Medium," filmmaker Yvonne Rainer, a fellow at the MIT Center for Advanced Visual Studies, will present a lecture and film, Thursday May 10, at 7pm, at CAVS.

Ms. Rainer will give a free, public screening of her first film, "Lives of Performers," made in 1972. She said the film has many qualities that her later works do not have. The soundtrack includes layers of experiential sound, juxtaposed on top of one another.

Born in San Francisco, Cal., Ms. Rainer attended San Francisco City College. She taught at the California Institute of Art, University of California in San Diego in 1975. She has been an instructor at the Whitney Museum of American Art in New York City, since 1973.

Ms. Rainer approaches film with an interest in narrative cinema, content and the interaction of text and image. She tends to concentrate on emotional difficulties, using surrealistic juxtaposition and humor to express her somewhat autobiographical interests and concerns.

The program will include music for spring time, of the 1450-1550 vintage. Compositions by Oswald von Wolkenstein, Erasmus Lapidica, Arnolt Schlick, Heinrich Isaac, Paul Hofhaimer, Ludwig Senfl and others will show off the sounds of lutes, viols, recorders, krumphorns and shawms.

The Early Music Society has performed for neighboring audiences, such as the Boston Museum of Fine Arts, Boston College, Wellesley College and Brandeis University as well for MIT.

## Athletics Department Posts New Rates

The MIT Department of Athletics has announced a price increase and a new policy setting up two classifications of athletic user cards for faculty, staff, employees and alumni for use of Institute athletic facilities effective July 1.

There will be no increase in price of student athletic cards, according to Professor Ross H. Smith, Director of the MIT Department of Athletics.

But for faculty, staff, employees and alumni, he said, there will be, for the first time, two classifications of cards.

First, there will be a card limited to use by an individual at an annual fee of \$50 for faculty, staff and employees and \$90 for an alumnus or alumna.

Second, there will be a family card at an annual fee of \$75 for faculty, staff and employees and \$135 for alumni. The family card will extend use of athletic facilities to the card holder's spouse.

Individual card holders, family card holders and the spouses of family card holders have the privilege of using athletic facilities at hours that do not conflict with student physical education programs and with intercollegiate, intramural and club athletics. These, Professor Smith pointed out, are the primary uses to which the Institute athletic facilities are dedicated.

"The new schedule of fees is a move toward a more equitable charge for the use of the athletic facilities based on today's inflated costs and the information we have on utilization of the facilities by various groups within the MIT community," Professor Smith said.

As in previous years, Professor Smith said, children will be admitted during family swimming

## Sadoway Wins NSF Support

Dr. Donald R. Sadoway, assistant professor of materials science and engineering, has received a two-year, \$32,000 grant from the National Science Foundation for research on electrical properties of solid chloride electrolytes.

Professor Sadoway's grant was awarded under the NSF Engineering Research Initiation Grants Program to encourage young investigators to expand their work beyond that done for their doctorates. Professor Sadoway, who received the PhD degree in extractive metallurgy from the University of Toronto in 1977, was a NATO Postdoctoral Fellow at MIT during 1977-78 and joined the faculty last fall.

## ACSR Hearing

The ACSR will hear views on members of the MIT Community on the questions of investment and divestment of securities of companies with operations in South Africa on Thursday, May 10, at 7:30pm in Rm 9-150.

For further information or to sign up in advance contact the Secretary of the Committee, Rm 5-208.

Minutes of the previous ACSR meetings are available on reserve in the Hayden, Dewey, and Student Center Libraries.

## Harry Frankfurt To Speak Here

Dr. Harry Frankfurt, professor of philosophy at Yale University, will give the third lecture in the Human Knowledge series sponsored by the Department of Linguistics and Philosophy on Friday, May 11, at 4pm in Rm 4-231. Its title is, "Descartes and Spinoza, Two Motivations for Rationalism."

Professor Frankfurt is a renowned scholar on the rationalists, and has richly contributed to the understanding of problems of freedom of the will. His books include *Demons, Dreamers and Madmen*.

hours at the Alumni Pool and during open hours at the ice rink, but with the introduction of two types of cards, use of those two facilities will be limited to the children of those who hold family cards.

Professor Smith asked that family card holders consult

schedules and rules that are posted at the pool and at the ice rink concerning use by children.

Professor Smith pointed out that the price increase for faculty, staff, employees and alumni is the first in two years. Following is a comparative summary of the new two-card policy and fees:

	Athletic Card Fees		1978-79		1979-80	
	Individual	Family	Individual	Family	Individual	Family
Student	\$ 5.00	included	\$ 5.00	included		
Faculty	40.00	included	50.00	\$ 75.00		
Staff/Employee	40.00	included	50.00	75.00		
Alumni	70.00	included	90.00	135.00		

## Seven Women are Selected As Ida M. Green Fellows

Seven women, two of them MIT seniors, have been chosen Ida M. Green Fellows for 1979.

The Ida M. Green Fellowships were established by a gift of \$1 million from Cecil E. and Ida M. Green to be used primarily for the support of women beginning graduate work at MIT. The fellowships provide full tuition for the academic year plus stipends of \$350 per month for nine months. The new Green Fellows are:

Beth Doll of Patterson, N.C., is a senior in mechanical engineering at MIT and will continue in the SM program in that department. Ms. Doll, a member of Pi Tau Sigma, is a former General Motors Scholar. Her research interests lie in composite technology and in related areas of structural analysis and design.

Caroline G. Grant of Syracuse, N.Y., is a senior in mathematics at Queens University, Kingston, Ontario. Ms. Grant, an honors student in mathematics, will be working toward the PhD degree in mathematics at MIT.

Jean L. Januszkiewicz of Santa Clara, Calif., received the BS degree in quantitative business analysis from Pennsylvania State University in 1978. As an undergraduate, Ms. Januszkiewicz was an Evan Pugh Scholar, and recipient of the Wall Street Journal and the Alpha Kappa Psi Awards. She is a member of Phi Kappa Phi and Beta Gamma Sigma honor societies. At present she is production planner at Intel Corp. At MIT she plans to work toward her PhD at the Sloan School of Management.

Dorine J. Holsey of Berkeley, Calif., received the AB degree in architecture from the University of California, Berkeley, in March of this year. Her interests are in urban architecture, with emphasis on satisfaction of human needs in urban development. Ms. Holsey was Baird Scholar at the University of Arizona, and National Merit

Scholar of Alpha Kappa Alpha Sorority at Berkeley. She was also secretary and vice president of Alpha Kappa Alpha, and served as student representative to two faculty committees at Berkeley. At MIT she plans to work toward the M. Arch degree.

Ong Joo Hooi of Penang, Malaysia, is a senior in chemical engineering at MIT. Ms. Ong will be in the SM degree program in civil engineering, concentrating in the area of water resources. She plans ultimately to return to Malaysia and to become involved in the prevention or correction of problems arising from that country's drive toward industrialization.

Malka Rappaport of Brooklyn, N.Y., has the BA degree in linguistics from Brooklyn College. Ms. Rappaport was a member of the Scholars Program of Humanities at Brooklyn College and was elected to Phi Beta Kappa in her junior year. She will pursue graduate work toward the PhD degree in linguistics and philosophy at MIT.

Claire L. Skarda of Baltimore, Md., has the BS degree in chemistry from the College of Notre Dame of Maryland. Ms. Skarda is particularly interested in the analysis of the molecular structure and properties of ceramic materials. She plans to work toward the SM degree in ceramics and the PhD in materials science and ceramics.

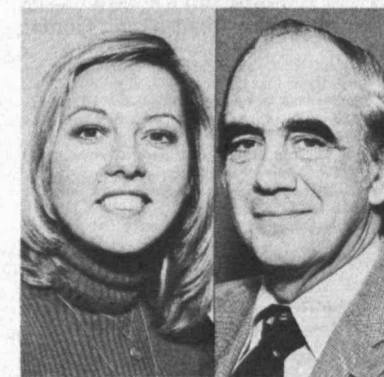
## International Lunch

The International Lunch to Go (or to Stay) sponsored by the Technology Children's Center, will be held Friday, May 11, from 11:30am-2pm in the Bush Rm (10-105).

Parents will prepare food from around the world. Proceeds will benefit the program's scholarship fund.

## Technology Review Announces Two Changes In Business Staff

Two changes in the business staff of Technology Review, the appointment of Peter Gellatly as business manager and the promotion of Evelyn Milardo to circulation and promotion manager, have been announced by James A. Hester, publisher of the magazine.



Ms. Milardo Mr. Gellatly

The position of business manager is a new one at Technology Review, according to Dr. Hester, and will bring all business operations under Mr. Gellatly's direction. He will be in charge of advertising sales and representation, marketing and general control of income and costs.

As circulation and promotion manager, Ms. Milardo will direct

circulation promotion, subscription fulfillment, and magazine audit programs.

A graduate of Brown University, Mr. Gellatly became advertising representative for the Saturday Evening Post in the Cleveland area in 1955, and was later appointed Pittsburg sales manager. In 1965, he went to Newsweek magazine where he became successively Cleveland, New York and finally, national sales manager. Mr. Gellatly came to Boston in 1973 as publisher and treasurer of Hill Publications, Inc. Since 1976, he has been self-employed as a marketing consultant with emphasis on magazine publishing and communications.

Ms. Milardo joined Technology Review as circulation manager in 1977. Since that time its paid circulation has risen from 21,000 to almost 30,000.

A native of Australia, Ms. Milardo received the BA degree in art education from Alexander Mackie College in Paddington, NSW, in 1973. She has worked in public relations, advertising and design, both in Australia and the US. Before joining Technology Review, she was traffic co-ordinator at the DR Group, a direct mail advertising agency in Boston.