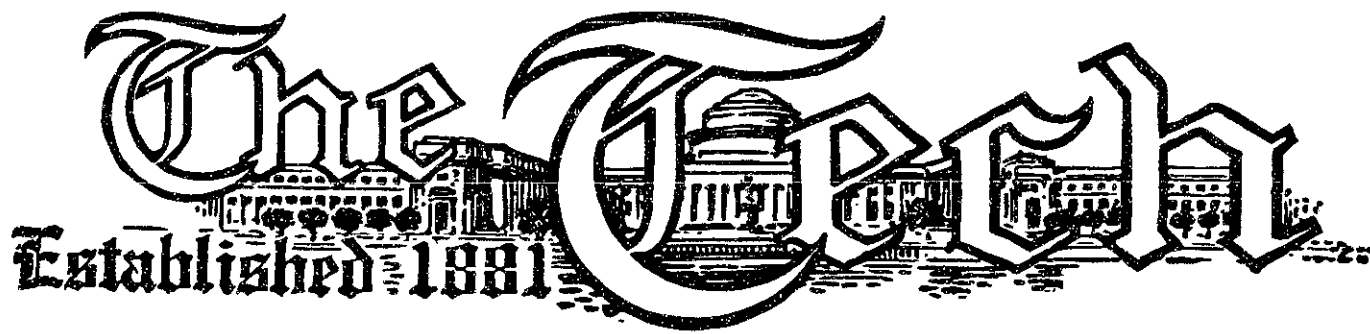


MIT's
Oldest and Largest
Newspaper



The Weather
Today: Partly cloudy, 84°F (29°C)
Tonight: Breezy, warm, 65°F (18°C)
Tomorrow: Cloudy, 86°F (30°C)
Details, Page 2

Volume 113, Number 41

Cambridge, Massachusetts 02139

Tuesday, September 14, 1993

Technology Joins Nations Together

By Eva Moy
NEWS EDITOR

The third and final plenary session of the Industry Summit focused on the role of technology in bringing both the developed and developing nations of the world together as one global society.

"The New World Divide: Is Technology the Gap or the Bridge?" featured Robert B. Palmer, president and chief executive officer of Digital Equipment Corp.; Boris G. Saltykov, minister for science, higher education, and technology policy of Russia; and Lester C. Thurow, professor of management and economics and former dean of the Sloan School of Management.

This panel was chaired by Fred Moavenzadeh, director for construction research and education and professor of civil engineering; and

William Weld, governor of Massachusetts.

The panelists brought a wide range of national, social, and economic backgrounds, as well as experience in academia, government, and industry to the discussion.

"We are living in a global village. If we want to survive, we have to share values," create trust, and network on a micro-level, said Klaus Schwab, founder and president of the World Economic Forum, in a closing statement.

"In an age where information moves at the speed of light, you can't hide from anyone else in the world," Weld said. Cooperation provides a "positive sum gain," with greater wealth and economic parity

Technology, Page 12

Crowding Continues, But Space Available

By Eric Richard
ASSOCIATE NEWS EDITOR

Although the number of freshmen accepting independent living group bids exceeded projected levels, the dormitory system was forced to a higher crowding level than expected. And while there are many MacGregor House lounges and some crowded Baker House quadruples housing five freshmen, several dormitories report spaces which still need to be filled.

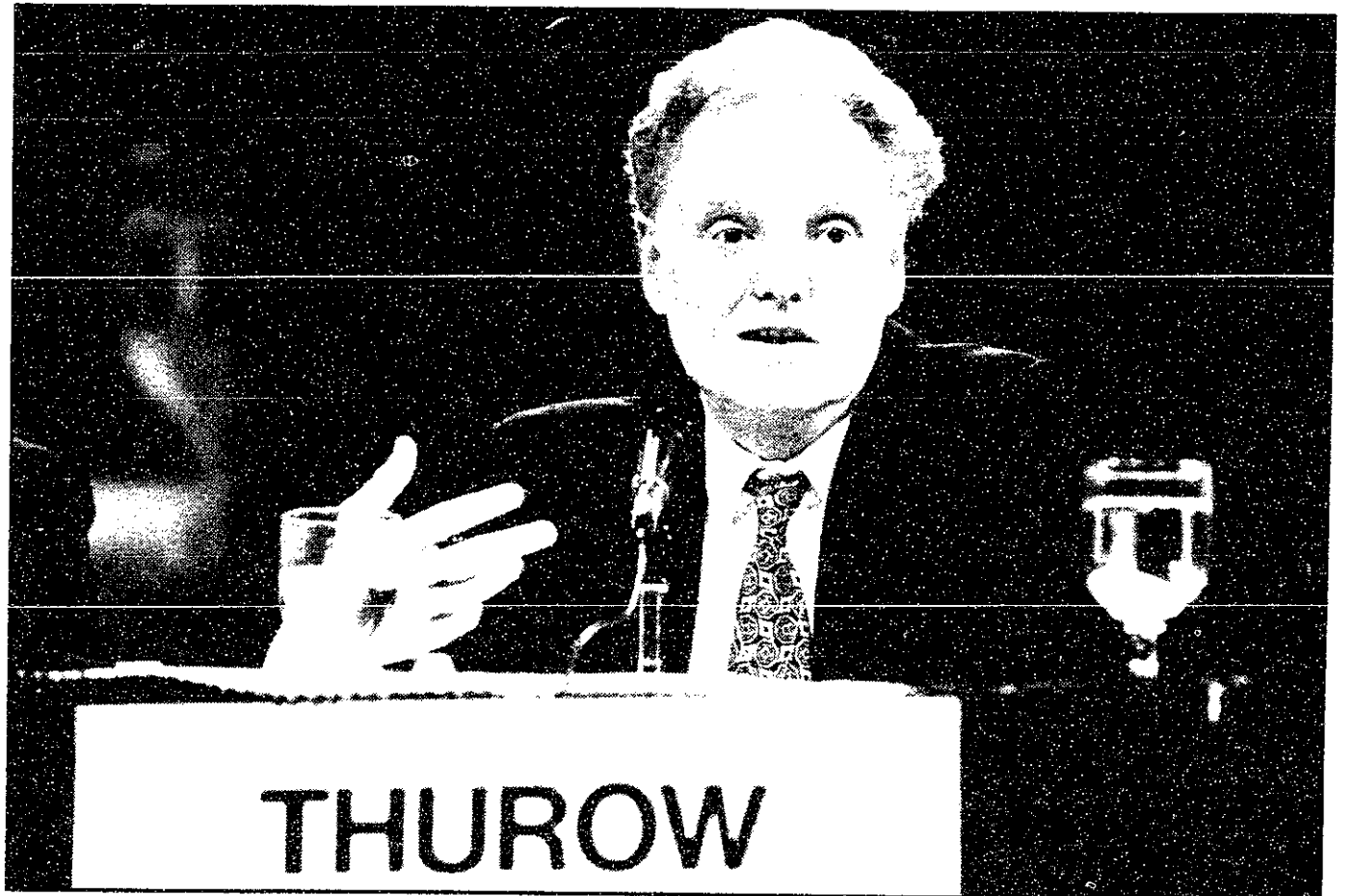
There are currently between 195 and 200 crowded rooms in the undergraduate dormitory system, well below the 230 crowded rooms last year, according to Andrew M. Eisenmann '75, assistant dean for residence and campus activities.

The housing office had to compromise its initial limit of 165 crowded rooms in order to house all of the incoming students.

The number of crowded rooms include 15 MacGregor lounges which were converted into freshmen double rooms, according to Linda D'Anna, an administrative assistant in the housing office. Also, six of the 10 crowdable quadruple rooms in Baker House have been crowded, and now house five students each, according to Lisa Cohen '94, Baker room assignments chair.

"It's nicer to not have to crowd," said Arthur C. Smith, dean for undergraduate education and stu-

Housing, Page 13



Professor Lester C. Thurow shares his thoughts about the use of technology at the third plenary session Sunday morning.

Six Additional Minors Offered

Jennifer C. Han

Starting this year, students will have the option to minor in six more subjects — architecture, brain and cognitive science, civil engineering, environmental engineering, material science and engineering, and mechanical engineering.

The new minors are the result of a survey taken last spring to gauge student demand for minors in these subjects, in addition to the science and humanities minors already available, according to Jacob J. Seid '96, head of the Undergraduate Association Committee on Educational Policies.

The new minors were created to "give students an opportunity to receive credit for their endeavors," said committee member Michael Cho '96. The committee initially

approached the department heads to discuss the creating minors in their departments. The committee then designed and distributed a survey that was distributed to undergraduates last spring.

Thirteen percent of the 800 students who received the survey responded. This represented about 20 percent of the students in each class.

The survey results indicated which minors would be most worthwhile and feasible, according to Seid. However, the final decision was still left to the individual departments.

Course 1 minors popular

Civil and environmental engineering showed the highest demand of the minors implemented this year, Seid said. The committee pro-

jected that 13 percent of undergraduates were interested in this minor.

Architecture and brain and cognitive minors were added to the School of Science because of student demand, Seid said. Previously they had been available through the School of Humanities.

The survey also indicated subjects with low demands for a minor program. The chemical engineering and the aeronautical and astronautics departments had under 7 percent and 3 percent demands. The committee concluded that minor programs in those departments would not be worthwhile, according to Seid.

On the other hand, although the survey showed the highest demands for management (26 percent of

Minors, Page 11



Dean of the School of Humanities and Social Sciences Phillip S. Khoury discusses the Middle East peace process at a press conference Friday.

Khoury Talk Considers Israeli-PLO Agreement

By Jeremy Hylton
EDITOR IN CHIEF

Yasir Arafat, chairman of the Palestine Liberation Organization, and Israeli Prime Minister Yitzhak Rabin shook hands yesterday in a noticeably tense moment on the White House lawn. The dynamics of the moment — Arafat smiled broadly and extended his hand to a stiff-lipped Rabin — conveyed a sense of the Middle East peace process as a whole, a process discussed by Professor Philip S. Khoury at a news conference on Friday afternoon.

"Arafat was in desperate straits. He saw his control of the PLO eroding quickly," said Khoury, dean of the School of Humanities and Social Sciences, at an Industry Summit news conference at Harvard University. "He needed to do something bold and courageous."

Khoury, a political and social historian of the Middle East, has written five books on the region, including *The Modern Middle East*

and *Tribes and State Formation in the Middle East*.

Khoury described his reaction to the Middle East peace accord, which was signed yesterday. He said Arafat has gambled that the agreement will ultimately lead to a much larger Palestinian state and that it will help preserve his position as chairman of the PLO, at a time when his future appears uncertain.

Israel, on the other hand, negotiated from a position of strength and stands to gain economically and

Khoury, Page 15

INSIDE

■ Coverage of the Industry Summit. Page 9

WORLD & NATION

Administration Unveils \$5 Billion U.S.-Mexico Cleanup Fund

LOS ANGELES TIMES

WASHINGTON

As President Clinton readied his fight for congressional approval of a three-way trade agreement with Mexico and Canada, his administration Monday unveiled a \$5 billion-dollar fund to pay for cleaning up the polluted U.S.-Mexican border.

Administration officials hope that the fund, along with additional spending to pay for retraining workers who lose their jobs as a result of the North American Free Trade Agreement, will provide enough votes to overcome strong opposition among skeptical members of the House and Senate.

Clinton, with former Presidents Carter, Ford and Bush looking on, plans to sign supplements Tuesday to the trade agreement that are intended to protect the environment and workers' rights. Tuesday's ceremony will be the first public event of a multifaceted administration campaign to put the trade pact into effect by Jan. 1.

In their attempt to fend off critics who argue that the agreement will result in the loss of jobs to Mexico, Clinton and his aides have begun emphasizing the role the agreement could have — along with the administration's health care plan and its efforts to streamline government — in reviving the nation's economy, and have said that it would boost jobs in the United States by increasing exports.

Clinton Relaxes Trade Ban With Vietnam

THE WASHINGTON POST

WASHINGTON

President Clinton relaxed the ban on trade with Vietnam Monday to allow U.S. firms to bid on development projects there financed by the World Bank and other international agencies. But Clinton retained the embargo on most commercial dealings.

His action nudged the United States a bit closer to ending the hostile relations with Hanoi that go back more than a generation, but signaled that Clinton is not yet fully satisfied with Vietnam's cooperation in the search for U.S. servicemen still missing from the war.

The United States has diplomats in Hanoi, military teams roaming Vietnam to search for remains of missing soldiers and airmen and Pentagon researchers in the Vietnamese government archives. Monday the State Department agreed to provide \$3.5 million in additional U.S. aid funds for a project to supply prosthetic devices for Vietnamese amputees. But "we still haven't seen enough" cooperation in the search for the missing "to feel comfortable in lifting the embargo altogether," a White House official said.

The emotionally charged issue of the MIAs is the last remaining obstacle to peace and normal relations between this country and Vietnam. It is particularly sensitive for Clinton because of his record of opposition to the war and avoidance of military service as a young man.

National Performance Review Would Fix Public Housing

THE WASHINGTON POST

WASHINGTON

The Department of Housing and Urban Development has put a lot of dirty laundry on display over the years, but as a visible symbol of the agency's shortcomings, nothing looks worse than a tumbledown public housing project.

Last week Vice President Al Gore's National Performance Review (NPR) took on public housing as a key target for the Clinton administration's efforts to "reinvent government."

In vague, sometimes opaque language, the summary report — entitled "From Red Tape to Results: Creating a Government that Works Better and Costs Less" — proposed bold innovations in the management and maintenance of housing projects that serve about 1.4 million families nationwide. Regulations would be simplified or dumped; tenants would have more freedom to move out of projects; managers would be left alone as long as they fulfilled a set of unspecified "performance standards."

"They're talking about getting rid of regulations and rewarding performance, and we applaud that," said Richard Y. Nelson Jr., executive director of the National Association of Housing and Redevelopment Officials.

WEATHER

Snow Blankets Parts of Rockies

By Michael Morgan
STAFF METEOROLOGIST

Residents of the central and northern Rockies had their first significant snowfall of the early fall season yesterday. Two to three inches of snow fell in the Denver area on Monday following a warm summer-like day on Sunday where temperatures exceeded 90°F (32°C). The snow will be tapering off today as the cyclone responsible for the moves off to the northeast.

Ahead of this cyclone, warm, tropical air will be advected northward into our area. This moist air will support the increasing risk of showers and thundershowers as the front approaches the area on Thursday. Until that time, the local area will experience midsummer-like weather with increasing heat and humidity.

Today: Partly cloudy and warm. High 84°F (29°C). Winds southwest 10-20 mph (16-32 kph).

Tonight: Partly cloudy and warm. Breezy. Winds southwest 10-20 mph (16-32 kph). Low 65°F (18°C).

Wednesday: Increasing clouds with showers possible late. High 86°F (30°C). Low 68°F (20°C).

Thursday: Cloudy and cooler with rain and rain showers. High 78°F (26°C). Low 60°F (16°C).

Israel, PLO Sign Historic Middle East Peace Accord

By John M. Broder
and Norman Kempster
LOS ANGELES TIMES

WASHINGTON

With a few swift pen strokes Monday, the Middle East was remade.

Under brilliant sunshine on the South Lawn of the White House, representatives of Israel and the Palestine Liberation Organization signed a framework agreement for peace and a beaming Yasser Arafat, chairman of the Palestine Liberation Organization, clasped hands with Yitzhak Rabin, the Israeli Prime Minister who once led his country's armed forces in crushing victories over its Arab foes.

The dramatic tableau beneath the gleaming facade of the White House evoked hope for an end to one of history's most cruel conflicts and a beginning to one of its most difficult works of reconciliation.

"We who have fought against you, the Palestinians, we say to you today in a loud and a clear voice, enough of blood and tears. Enough," said Rabin, the 71-year-old former general who barely allowed a single smile to cross his face during the emotion-laden, hour-long ceremony.

"The battle for peace," said Arafat, wearing an olive dress uniform and a black-and-white kaffiyeh, "is the most difficult battle of our lives. It deserves our utmost efforts because the land of peace, the land of peace years for a just and comprehensive peace."

Both sides recalled the generations of sorrow and bloodshed that preceded the historic ceremony and pledged to press forward with the diplomatic tasks that remain, calling upon the United States and other nations to aid the process of turning the theoretical framework into concrete results for Israel and the Palestinians.

Witnessing the historic ceremony along with leaders of the Clinton administration were former Presi-

dents Carter and Bush, former Secretaries of State James A. Baker III, Cyrus R. Vance, Henry A. Kissinger, George P. Shultz and Edmund S. Muskie, and scores of others who had played central roles on the diplomatic road to the agreement.

President Clinton, whose role as host of the ceremony underscored how much both Israel and the PLO are counting on the United States for the next steps, called the signing "an extraordinary act in one of history's defining dramas."

Clinton repeatedly stressed that Monday's accord would not diminish the longstanding American commitment to Israel's security. He pledged American support for enforcing the agreement and marshaling the resources to make it work.

U.S. Secretary of State Warren M. Christopher said that the administration would "spare no effort" in transforming the agreements on paper into reality on the ground.

"We will remain a full partner in the search for peace," Christopher said. "This Israeli-Palestinian agreement cannot be permitted to fail."

Russian Foreign Minister Andrei Kozyrev, who served as an official witness to the signing because of Russia's role as co-sponsor of the ongoing Arab-Israeli peace talks, also promised his nation's support for the accord.

After Israeli Foreign Minister Shimon Peres and top PLO political adviser Mahmoud Abbas signed the Declaration of Principles setting out the terms of the Israeli-PLO accord, Rabin reluctantly took Arafat's offered palm in a quick and firm shake.

Rabin then stepped to the microphone and gravely proclaimed that signing the accord was "not so easy."

"Neither for myself as a soldier in Israel's wars, nor for the people of Israel, nor for the Jewish people in the Diaspora who are watching us

now with great hope mixed with apprehension," he said.

"It is certainly not easy for the families of the victims of the wars, violence, terror, whose pain will never heal; for the many thousands who defended our lives with their own and have even sacrificed their lives for our own. For them, this ceremony has come too late," Rabin said.

Turning to the Palestinians, Rabin added: "We have no desire for revenge, we harbor no hatred toward you. We, like you, are people — people who want to build a home, to plant a tree, to love, live side by side with you in dignity, in affinity, as human beings, as free men. We are today giving peace a chance and saying to you, saying again to you: 'Enough.' Let us pray that a day will come when we all will say farewell to the arms," Rabin said.

As many in the audience swallowed tears, Rabin then quoted the famous passage from Ecclesiastes: "To every thing there is a season and a time to every purpose under heaven. A time to be born and a time to die, a time to kill and a time to heal, a time to weep and a time to laugh, a time to love and time to hate, a time of war and a time of peace."

Speaking in Arabic, the 64-year-old guerrilla, Arafat, who has survived countless brushes with death at the hands of Israelis and dissidents in his own movement, said: "My people are hoping that this agreement which we are signing today marks the beginning of the end of a chapter of pain and suffering which has lasted throughout this century. My people are hoping that this agreement which we are signing today will usher in an age of peace, coexistence and equal rights."

He expressed appreciation for the difficulties that lie ahead in reversing decades of bloodstained politics and timeworn habits of mind.

White House Report Outlines Communication 'Superhighway'

By Cindy Skrzycki
and Paul Farhi
THE WASHINGTON POST

WASHINGTON

The Clinton administration will try to put its mark on the fractious debate over the direction of the nation's telecommunications industries by putting together a wish list for building a national "information superhighway," administration officials said Monday.

In a report to be released by the White House Wednesday, the administration will signal that it hopes to engineer a major overhaul of communications laws that have been in existence for almost 50 years. The report will form the framework for an administration working group modeled on Hillary Rodham Clinton's health-care task force.

The group's broad goals are to promote competition among industries in building the highway, to ensure universal access, protect individual privacy, remove regulatory and legal barriers to building the system, and encourage research and development of products and services through federal grants.

The "information superhighway" is a generic term for a network or series of networks that may someday carry a broad array of computer data, electronic entertainment and telecommunications services into the average household.

As a preliminary document, the report is expected to avoid specifics on important issues, such as how to finance the building of new telecommunications systems. It is

also expected to be short on advice on how to settle arguments that have simmered for years, such as how to open local phone networks to competition and whether regional phone companies can compete in businesses they are now legally prohibited from entering.

Instead, the administration will leave these questions up to working groups of experts picked from the public policy arena, industry, education, labor and individual users.

"The role of government is to promote competition and see to it that consumers aren't gouged," said Larry Irving, the administration's top official on telecommunications policy and a member of the Information Infrastructure Task Force, which hammered out the report over the past six months.

However, some people question whether the administration's efforts are not being overtaken by the rapid pace of change in the telecommunications field. Large computer, telephone and entertainment companies have been rolling out their plans for building their own information highways, and several have agreed to huge interindustry mergers. There also have been several major court decisions and technological breakthroughs that have begun to alter the direction of telecommunications industries.

"They may be behind the curve," said an aide to Rep. John Dingell, D-Mich., the chairman of the House commerce committee. For example, he said Dingell has

begun discussions with House Judiciary Chairman Jack Brooks, D-Texas, to craft legislation that would give phone companies expanded powers outside their own business. The Senate is already considering a bill by Sen. Daniel Inouye, D-Hawaii, and Jack Danforth, R-Mo., that would allow the Baby Bell companies to enter the cable television field in exchange for greater guarantees of competition in local phone service.

But Irving said the administration can still play an active role in shaping the telecommunications field. At present, he said that there is no overall management of various private-sector efforts to build advanced communications networks.

"We want to know if there is a way to deploy competition for the benefit of consumers and users," he said. "... The marketplace left to its own devices won't embrace education, medicine and social needs first."

Some public-policy groups worry that the information superhighway would replace the existing system of universal telephone service.

That promises to be a thorny question, especially since the history of regulating and writing laws for the telecommunications industry has been a stormy one dominated by powerful competing industries.

The paper will stress that the administration would like competitive access to any national information system, meaning that there would be many roads into the system, which might include cable, satellite and fiber optic entries.

Jordan and Israel to Announce Agenda for Diplomatic Talks

By Nora Boustany
THE WASHINGTON POST

AMMAN, JORDAN

Jordan and Israel are to announce agreement in Washington Tuesday on an agenda that sets the foundations for a treaty and diplomatic relations, Jordanian officials said Monday.

Prime Minister Abdel Salam Majali and Crown Prince Hassan both made public plans by Jordanian and Israeli negotiators to commit themselves to the detailed agenda in Washington, one day after Israel and the Palestine Liberation Organization signed a milestone accord for limited Palestinian self-rule in the Israeli occupied territories.

The finalized draft agenda between Jordan and Israel aims at

the "achievement of just, lasting and comprehensive peace between the Arab states, the Palestinians and Israel," according to Jordanian officials here. It will address issues such as security, trade, water resources and boundary demarcation, as well as the future status of 1.5 million Palestinian refugees now settled in Jordan.

Hassan said the agenda between Jordan and Israel had been ready for months but was held back until the impasse was broken with the Palestinians.

King Hussein, who had announced over the weekend in London that the Jordanian-Israeli document was ready for signing, returned Monday to Amman, the Jordanian capital. Of all Arab

nations that have been at war with Israel, Jordan shares the longest common border, 400 miles, with the Jewish state.

Monday's PLO-Israeli accord highlighted Jordan's longstanding difficulties with its increasing Palestinian population, which constitutes a majority in Jordan. Although both a domestic and foreign policy dilemma for Amman, the Palestinian factor has always shaped Jordan's regional role as a moderating force and link between Palestinians, the Western world and Israel. At stake now is Jordan's future sovereignty and viability, as the new Palestinian entity in formation in Jericho and Gaza seeks a federation with this country later in the peace process.

Three American Soldiers Wounded By Snipers in Somali Street Battle

By Keith B. Richburg

THE WASHINGTON POST

MOGADISHU, SOMALIA

Three American infantrymen were wounded early Monday during a fierce two-hour street battle with Somali guerrillas who set up sniper positions in a hospital and pounded the nearby United Nations headquarters with repeated mortar attacks.

For the second time in five days, militia fighters whom U.N. officials suspect of being loyal to fugitive warlord Mohamed Farah Aided have surprised U.S. and U.N. troops with the intensity of their fighting and their apparent willingness to commit large numbers of guerrillas to battle against the far superior

U.N. firepower. Previous guerrilla attacks have been mostly hit-and-run ambushes, or have involved remote-control detonated land mines such as the type that killed four American soldiers last month.

Monday's fighting erupted just after dawn, as 200 U.S. infantry troops backed by helicopter gunships were completing a sweep through two buildings adjacent to the sprawling U.N. headquarters. The buildings are suspected of being staging areas for militia attacks against the U.N. compound. The troops rounded up and detained 50 suspected Aided militiamen during the sweep, military officials said.

As the Americans were withdrawing, they came under intense

fire from guerrillas using rocket-propelled grenades, mortars and AK-47 assault rifles, officials said.

U.S. helicopter gunships opened fire several times with their huge 20mm cannons on sniper positions, but U.S. officials said the helicopters never fired directly at the hospital.

"I think it's an absolute outrage that Aided's militia would endanger people who were in the hospital," said U.S. Army Maj. David Stockwell, the chief U.N. military spokesman.

Monday was the second time Somali militiamen have used a hospital as a sniper position to fire on U.N. troops, and the second time the troops have responded by firing back, risking international criticism.

Government Lawyer Argues For 'Celibate Homosexuality'

THE BALTIMORE SUN

WASHINGTON

A Clinton administration lawyer tried to assure a federal court Monday that a member of the military who publicly admits being homosexual might be able to stay in uniform by claiming never to have had gay or lesbian sex and vowing never to do so.

Anthony J. Steinmeyer, a Justice Department attorney, made the point during a hearing by a three-judge panel of the U.S. Circuit Court of Appeals. The panel is reviewing the Naval Academy's 1987 ouster of Midshipman Joseph C. Steffan after he said he was gay.

Steffan, 28, was forced out of the Academy just before graduation. He is seeking his diploma in a lawsuit that challenges the military's existing anti-gay policy, and raises doubts about the Clinton administration's so-called "don't ask, don't tell, don't pursue" rule due to take effect Oct. 1.

At Monday's hearing, the judges were openly skeptical and sometimes sharply critical of the military's old and new policies against homosexuals in uniform. Faced with that, the government's lawyer said the policies did offer some chance to avoid automatic discharge even after revealing one's homosexual status.

A truly "celibate homosexual," Steinmeyer argued, would not be considered by the military to be a "homosexual" under the Pentagon's present and past rules against gays. A "homosexual," he said, is one who "desires" sex, and a celibate does not meet that definition.

Buyout Plan Should Move Quickly

THE WASHINGTON POST

WASHINGTON

The Clinton administration hopes to have most of the 100,000 workers it will buy out of their jobs off the federal payroll by April 1994.

The buyout authority — giving selected workers up to \$25,000 if they quit their jobs early or retire immediately — would last two years. Most of the buyout action would take place during a six-month period starting next month, if Congress quickly approves the plan.

Buyouts also will be accompanied by early-retirement offers allowing selected workers to get immediate pensions at age 50 with 20 years of service or at any age after 25 years.

Officials say more than 100,000 buyouts could be offered, as agencies move to cut 252,000 jobs over the next several years. Normal turnover is down as employees who were expected to quit have hung on, partly because of the economy and in anticipation of a buyout.

In recent years, the District of Columbia government, the Postal Service and the Office of Thrift Supervision used special authority unavailable to other agencies to offer buyouts equal to six months of pay.

Congress gave the Defense Department buyout authority last year, and more than 30,000 civilians have taken payments equal to the value of their severance or \$25,000, whichever is less. The CIA now has buyout authority.

To be placed on a mailing list to receive email about upcoming GSC meetings and events, send email to gsc-request@mit.edu.

Graduate Student Council

For further information about GSC events, send email to gsc-info@mit.edu, or phone x3-2195.

Next HCA Meeting:

The Housing and Community Affairs committee meets on Tuesday, September 14 at 17:30 to discuss *safety, housing, parking, a student escort service, and health insurance* in the GSC office, rm 50-220. All graduate students welcome. Free Pizza.

Next General Meeting:

Thursday, September 23 at 17:30 in the GSC office, rm. 50-220. All graduate students welcome. Free Pizza and Soda.

The Funding Board gives money to graduate student organizations. The deadline for fall term requests is *September 17*; you can pick up forms at the GSC office, 50-220.

New Students: How was orientation? Were the GSC events interesting/fun/helpful/stupid? Send your comments to gsc-orientation@mit.edu or phone x3-2195.

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Summit, Protest Did Not Consider Liberty

From statements made at the World Industry Summit and the subsequent demonstration, it would appear that a prerequisite for membership in the MIT community is a commitment to regulating the lives of others. Thankfully, this is not entirely the case.

Those of us at MIT who stand committed to the principles of liberty and self-government are greatly disturbed by both the summit's direction and the demonstrators' opposition. The most troubling aspect of the summit is that every topic under consideration relates only to government regulation or interference with some aspect of the economy. Not a single session addresses the strongest relationship of all — that of liberty and economic development. The implication is that the few in government must somehow play an important role in determining the economic decisions made by billions of people worldwide.

The free market is a widely distributed system that gets the right amount of goods and services to the right people. It works with the immediate negative feedback generated by the billions of economic choices made daily. Government intervention uses either no feedback or positive feedback creating strong oscillations of recession and boom. Furthermore, a centralized authority, no matter how bright its members, cannot possibly cope with the magnitude of information necessary for the determination of winners and losers in an economy the size of ours. Only the free market can be trusted to generate the correct decisions.

Even at their best, proposals for government intervention fail to address the moral implications of letting a privileged few make vital economic decisions for several billion. In order to carry out such proposals either funds or regulations will be required. In the case of funding, a government must rely on its citizens' wealth, usually resorting to the forcible seizure of private wealth through taxation. Where new regulations are involved, people are forced to accept the purely economic choices of others or be held in violation of law. In either case the ability of a citizen to make private choices is abrogated.

At MIT, where we are so confident of our own ability to analyze and choose, the temptation is great to prohibit what we see as the flawed decisions of others. However, no person or panel of people is infallible. When those decisions fail, the lives of countless millions could be in jeopardy. The only ethical policy is to leave the decisions to those who must live with the outcome of their choices.

Equally troubling were the statements made by demonstrators in opposition to the summit. Specifically, they cautioned "we must resist the tendency to couple the Institute too closely to the private appropriation of social wealth and human resources." Once again a faulty notion is employed. A free market economy is not concerned with the "appropriation" of wealth or "human resources" but with the "creation" of wealth and the improvement of the human condition. Instead of denouncing the connections between government and business leaders they call for an increase in the number of special interest groups taking part in the regulation including: labor leaders, consumer groups, youth groups and others. It would appear that managing one aspect of the economy does not go far enough. In their view, all aspects must be managed — in the interest of equality, of course.

Rather than continue down the path of ever increasing intrusiveness, we call for the withdrawal of government from both sides. The history of government is clear. First help the well-connected, then notice that such actions

have crushed the less-connected, then attempt to help these "victims" by crushing still others. At each step, of course, the government takes a cut of the power for itself. In the end, the result is always the same; eventually everyone gets crushed and the government has all the power. Rather than an endless series of advocating business then labor, rich then poor, first world then third world, we should strive to make our system treat all equally under the law.

As Thomas Jefferson put it, "A wise and frugal government, which shall restrain men from injuring one another, which shall leave them otherwise free to regulate their own pursuits of industry and improvement, and shall not take from the mouth of labor the bread it has earned. This is the sum of good government, and this is necessary to close the circle of our felicity."

Vernon Imrich G
and four others

Don't Trust ICC's Claims of Reform

Recently, Amy Courtney G and James P. Ryan G described their experiences with members of the International Church of Christ ["Do Not Dismiss Church of Christ Outright," Courtney, and "Cult Is a Four-Letter Word," Ryan, both Sept. 10]. (There are many other churches with "Church of Christ" in their names that are not affiliated with the ICC, and practice a very different kind of Christianity). Permit me, an unredeemed sinner, to share mine.

In 1989, I spent five months researching the Boston Church of Christ for *The Tech*. I compiled over twenty hours of taped interviews and over a thousand pages of documents, including four years of back issues from the BCC's official bulletin. The result, a four-part series, appeared in October of 1989. (Back issues are available in *The Tech*'s office and in the MIT libraries).

All the BCC disciples that I met glowed with friendliness, enthusiasm, and idealism. Ryan mentions the integrated Johannesburg Church of Christ; I suspect that the BCC itself is one of Boston's most racially diverse congregations. I heard no claims of financial fraud or physical violence against disciples or ex-disciples. My impression is that everyone up to the top of the organization believes in what they are doing.

However, whenever I heard disciples talk to one another, they used the noun "Christian" to mean "a member of the BCC, or of one of its affiliates." All the ex-disciples that I talked to agreed that these were not isolated incidents, but examples of the BCC's doctrine.

Perhaps the ICC's members would claim that their church has reformed over the past four years, and that critiques of their practices are based on out-of-date information. I wouldn't trust such a claim, since Al Baird, the leader of the BCC, said the same thing back in 1989, and it wasn't true then.

Seth Gordon '91

ICC Meets Two Criteria For Cult Status

I'd like to respond to the question recently debated in *The Tech* of whether the International Church of Christ (a.k.a. Boston Church of Christ), with which the Christian Student Association is affiliated, is to be considered a cult. I was amazed that Amy Courtney G and James Ryan G would suggest that the BCC should not be considered a cult merely because there are many exemplary in the group (Courtney's main point), or because the group has participated in so many charitable

activities. I do not doubt that either of these things is true. However, such facts completely miss the point: They have almost nothing to do with whether or not a group should be considered a "cult."

Generally speaking, a religious group is considered a cult when it fulfills at least one of two criteria: its teachings are deviant from historical orthodox teachings and foundational doctrinal beliefs, and the group practices subtle (or sometimes blatant) psychological manipulation of its members and potential members. The Church of Jesus Christ and Latter Day Saints (the Mormons) and Jehovah Witnesses are usually referred to as "cults" because they fulfill the first criteria in that they deny some tenets of the more commonly accepted Christian faith. (In some cases, they may also meet the second criteria of psychological control over members). The Moonies are also referred to as a "cult" because of their teachings on the person of Jesus (among other things). It is also well established that Moonies are often deemed a cult because of the excessive control they exercise over their members.

The Boston Church of Christ also satisfies the first criterion of a cult because of its teachings on salvation. The BCC teaches that in addition to faith in Christ, a person must also be baptized to be saved. Strictly speaking, in order to be saved they teach that one must be baptized by immersion, be baptized within their church (with few exceptions), and believe that the process of baptism is saving him. The fact that the BCC believes using musical instruments is unbiblical (based on the observation that there is no mention of this practice in the New Testament) does not make them a cult. Such a belief, while admittedly eccentric, is not foundational to the Christian faith in my opinion. Therefore, their departure from the historical Christian teaching on this issue qualifies them as a cult.

Although it is possible their practices have changed, the BCC has also been rightfully classified as a cult in the past by fulfilling the second criteria of a cult: psychological manipulation of its members. Betsy Draper mentioned this briefly in her letter ["Christian Student Association Has Cult Ties," Sept. 2]. This is not her personal opinion, but rather a conclusion based on the testimony of dozens of former members and potential members. I seriously doubt that Draper meant to imply that all BCC members practice (or have even experienced) such manipulation. However, the undeniable fact that such practices have been prevalent in the past still remains.

The skeptic should not simply accept or reject Ms. Draper's opinion. Investigate the available information. *The Tech* produced an outstanding four-part series on the BCC in October of 1989. This is a "must-read" for anyone willing to learn more about the BCC. Another article worth reading, "Keepers of the Flock," was published in the May 18, 1992 edition of *Time* magazine. For those wishing more information on the theological debate of water baptism, contrasting the BCC's teaching of the Bible, an excellent book *Eternal Life and Water Baptism* is available locally from the Waltham Evangelical Free Church, and can be obtained by calling 891-3851. For more information on the BCC, and on cults in general, you can also contact the Christian Research Institute at P.O. Box 500, San Juan, CA 92693.

The determination of whether a group should be qualified as a cult should not be made on the basis of the caliber of people within the group, or even on the basis of the group's activities, but rather on the teachings of that group relative to historical orthodoxy, and the extent to which a group seeks to control its members.

Ed Johnson '88

Opinion Policy

Editorials, printed in a distinctive format, are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, executive editor, news editors, and opinion editors.

Dissents, marked as such and printed in a distinctive format, are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. They must be typed, double-spaced and addressed to *The Tech*, P.O. Box 29, MIT Branch, Cambridge, Mass. 02139, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be mailed to letters@the-tech.mit.edu. All submissions are due by 4 p.m. two

days before the date of publication.

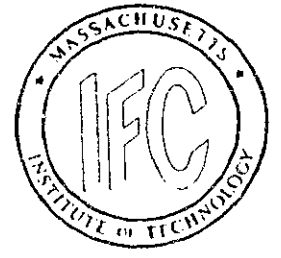
Letters and cartoons must bear the author's signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. We regret we cannot publish all of the letters we receive.

To Reach Us

Electronic mail is the easiest way to reach any member of our staff. Mail to specific departments may be sent to the following addresses on the Internet: ads@the-tech.mit.edu, news@the-tech.mit.edu, sports@the-tech.mit.edu, arts@the-tech.mit.edu, photo@the-tech.mit.edu, circ@the-tech.mit.edu (circulation department). For other matters, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person.



INFOCUS



Massachusetts Institute of Technology InterFraternity Conference

King, Goldman & Sullivan focus on brotherhood, AIDS

Three speakers will be coming to MIT on Friday, September 17, to talk to new members and upperclassmen alike about serious issues which the Greek community faces: ethics, values, and AIDS. "Although the evening is being billed as a 'freshmen/new member' convocation, I hope that everyone in IFC is there because the issues discussed are ones that everyone needs to be concerned about, not just now, but after college as well," said Neal Dorrow, MIT Advisor to Fraternities and Independent Living Groups.

Edward M. King from Bradley University will also be speaking to students that night about the ethical challenges and value choices which are prevalent in fraternal experiences. He propounds *the Basic Expectations of Fraternity Membership*, which have been developed by the National Interfraternity Conference Commission on Values and Ethics [see inset], and will discuss the nine points in depth.

Joel Goldman and T.J. Sullivan will talk to students about fraternity and sorority life, sexuality, and the reality of AIDS on college campuses. The message to students will be "to examine how risky behaviors might have a tremendous impact on their futures, their families, and their own self-identity."

One of the speakers, Joel A. Goldman, is HIV-positive, which should add a creepy sense of realism as he speaks candidly about "some of his bad decisions, about alcohol and careless sexual encounters." The program is hoped to turn into a discussion.

"It is a real privilege for MIT to have these people here. I hope students take advantage of this opportunity," added Dorrow. "Everyone in IFC should be there, to learn from their experiences and to listen to their message(s)."

INTERFRATERNITY COUNCIL wishes to congratulate these IFC members for receiving recognition from their nationals.

Alpha Epsilon Pi:
Best Chapter Publication, Jewish Community Service Award

Chi Phi:
Most Improved Chapter Award

Delta Tau Delta:
Hugh Shields Award for Outstanding Chapter

Kappa Sigma:
Founders' Award for Chapter Excellence

Phi Delta Theta:
Stan Brown Trophy for Best Single Day Community Service Event (Toy Day)

Phi Gamma Delta:
Owen Cup for the Chapter with the Most Improved Scholarship

Phi Sigma Kappa:
Outstanding Chapter, Outstanding Scholarship Award, Outstanding Chapter Advisor

Phi Kappa Sigma:
Best Alumni Newsletter

Pi Lambda Phi:
Outstanding Chapter Organization

Sigma Chi:
Peterson Award for Outstanding Chapter, Ligion of Honor Award

Theta Chi:
Highest GPA in Region

Theta Xi:
Achievement Award: Outstanding Membership Recruitment for 1992-93

Zeta Psi:
Most Outstanding Chapter, Comstock Award for Best Chapter Relations

Workshops Highlight Greek Week

Beginning at nine o'clock this Saturday, a series of workshops have been arranged by the Inter-Fraternity Council. These workshops will provide a forum for fraternity brothers and sisters to discuss possible improvements within the house. Starting with breakfast and registration at nine, individuals will have an opportunity to choose one of four different discussions. Included during the morning is Creative Social Programming, Goal Setting, TIPS Training, and Ed King's presentation on the Use of Ritual. Ed brings his talk from Bradley University to over a hundred fraternal and educational organizations. Later on, discussions on Public Relations, Values and Ethics and Partying will begin.

At noon everyone breaks for lunch and may indulge in the live band on the steps of the student center. The rest of the days events include Kitchen Stewards', House Stewards', Treasurers' and Presidents' Round Table, Community Relations and Service, Diversity, Confrontation 101, Leadership Development, and Risk Management. The Leadership and Confrontation discussions will provide for a more general discussion. All Presidents and Social Chairs are asked to attend the Risk Management workshop.

These workshops are open to all, but executive members are strongly urged to participate. This will be the first year that so many workshops are available and all are urged to take advantage of this opportunity.

Tuesday, September 14: Community Service - Tape Walk @ Infinite Corridore

Wednesday, September 15: Progressive Dinner

Thursday, September 16: Wing Eating Contest @ Lobdell

Friday, September 17: PLEDGE/NEW MEMBER CONVOCATION @ 7:30 PM, Kresge Auditorium

Ed King, Chairman of the NIC Commission on Values and Ethics

Joel Goldman & T.J. Sullivan, "FRATERNITY BROTHERS AND SISTERS GET AIDS TOO".

Saturday, September 18: Leadership Workshops

9:00 AM - 10:00 AM: REGISTRATION, Continental Breakfast @ Stratton Balcony

	20 Chimneys	Mezz. Lounge	PDR 1 & 2	Room 491
10:00 AM	Creative Social Programming	The Use of Ritual	Goal Setting	TIPS Training continues through 12:30 PM
11:00 AM	Partying with Bubba	Values and Ethics and Fraternity	Public Relations	
NOON	Lunch with Live Band on the steps of the Student Center			
1:00 PM	Leadership Development (general)	Confrontation 101 (general)	Diversity	
2:00 PM	Risk Management (Presidents & Social Chairs)		Community Relations and Service	
3:00 PM	Presidents' Round Table	Treasurers' Round Table	House Managers' Round Table	Kitchen Stewards' Round Table

And... Saturday Night

THE GREEK WEEK BALL

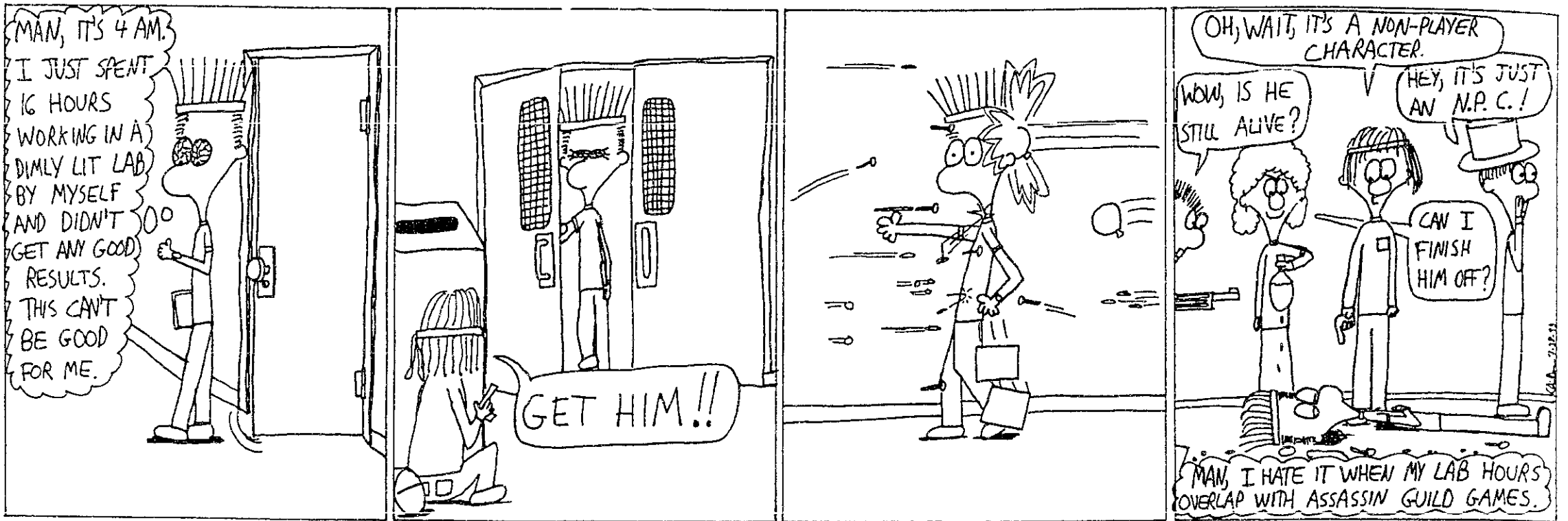
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Sunday, September 19: Second Annual Volleyball Tournament @ DuPont Gym

GREEK WEEK

Nick

by Chris Doerr



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THE ARTS

Double Barrell plays bluesy set at Rockpile

DOUBLE BARRELL
The Rockpile.
 Saugus.
 Sept. 3.

By Eric Oliver
 ASSOCIATE SPORTS EDITOR

The recent upsurge of quality in the Boston music scene, partially fueled by an increase in playing venues, has led to increased visibility for many local bands. Medford-based Double Barrell, who appeared Friday Sept. 3 at the Rockpile, is sure to take advantage of this trend. Their playing style, which defies definition (seemingly intentionally) can only be described as party rock 'n' roll.

Formed by drummer Aaron Lewis and guitarist Chuck Sullivan in 1985, the band now includes guitarist Charlie Petricone, bassist

Billy Schopp, and lead vocalist John McNeely. Double Barrell first appeared on the scene in 1987 with a third place finish in the WBCN Battle of the Bands. In the past several years they have appeared at several local clubs (once opening for Charlie Farren). Recently they produced a four-song demo tape, which attempts to summarize their various talents.

Original songs, according to McNeely, "make up nine out of every ten songs we play live." Covers songs you could expect to hear include "Ah, Leia" by Donnie Iris and "Since You Been Gone" by Rainbow, as well as various Aerosmith, Bad Company, and Spin Doctors cuts.

Variety is the key to Double Barrell's success. They have developed the ability to incorporate many different styles and musical genres into several original songs. One example of this is "Can You Dig It," a song with a garage rock sound, interrupted by a stretch of pure reggae in the middle. "Tough Talk" is a

heavy grung/funk song reminiscent of Faith No More's "Epic." In this song, both guitarists contribute equally, and Schopp comes across strong on bass. "Mac Daddy's Back" features Lewis on vocals (he once spent eight months as lead vocalist) and Sullivan on a Lenny Kravitz style funk groove. Lewis's vocals show a strong James Brown influence, even starting the song with a Brown-style count off.

Sullivan describes his main influence as Carlos Santana, followed by Eddie Van Halen and Eric Johnson. "Carlos would play slow and tasteful and then cut to a speed riff," he said. "I want to learn speed and be able to use it like he did." Songs such as "Open Your Heart," "Hands are Tied," and "Scandalous Bribes" work because they're laid on a good foundation, which allows Sullivan to use different styles in his solos.

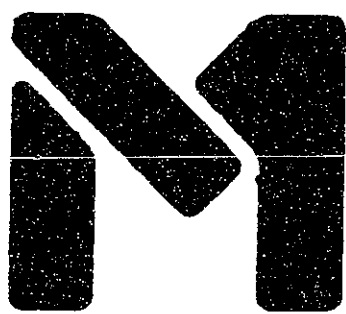
The foundation is kept alive by Schopp

and Petricone. Schopp has alternative influences and keeps the band fresh. Petricone for the most part plays the rhythm guitar role, but occasionally takes over with a Matt "Guitar" Murphy riff or a Joe Perry-style solo. Both also supply background vocals.

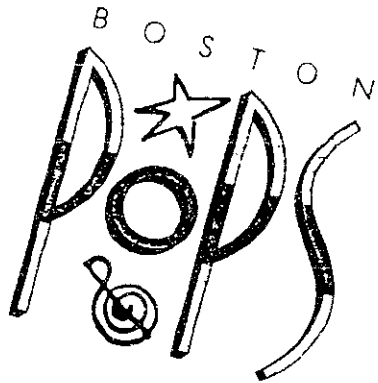
McNeely describes the moment he knew he wanted to be a singer as "the first time I listened to Journey's *Escape* album." Although he lists his influences as Steve Perry, Lou Gramm, and Robert Plant, he comes across more as a bluesy Jon Bon Jovi, occasionally escalating to a Vince Neil type growl. This is most evident on "Quit," a tight blues song that appears on their demo tape.

Their recent show at the Rockpile was well received by an enthusiastic crowd of about sixty. Double Barrell will again be appearing at the Atlantic Club in Revere on Friday, Sept. 17. They're a can't miss for anyone into party rock 'n' roll.

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If you're considering buying an Ethernet card (or related device) to connect to the network drop in your residence, read on...

Undergraduate Dormitory Residents

Wait until second semester before you buy any networking equipment such as Ethernet cards, adapters, or cables. By waiting, you can shop for a greater variety of equipment and lower prices.

ILG Residents

Before you buy, find out about the type of connectivity offered in your ILG. Your house's Network Administrator should be able to help you choose the appropriate cards, adapters, and cables.

Products available at the MIT Computer Connection

The MCC carries a variety of networking products that have been thoroughly tested and are recommended by Information Systems for use on MITnet. If you must buy a card right now, you should be able to use any of these devices without a problem.

Inexpensive products

You may find Ethernet equipment that is less expensive than the products offered at the MCC. Before buying any of these products, be aware that they may not work as well as you'd expect them to work. If you have a question about a specific card or device, send e-mail to <resnet-help@mit.edu> or call x3-4101. A network consultant should be able to help you decide whether or not your potential purchase would be a wise one.

Cautionary note

Information Systems has encountered some problems with Ethernet cards from the following companies:

- IBM Ungerma-Bass
- SMC Western-Digital

For more information

For general information, look in TechInfo under the Resnet folder in the Computing folder.

If you have more specific questions, send email to <resnet-help@mit.edu> or call x3-4101.



Frequently Asked Questions About Resnet

by Michael Barrow <mlbarrow@mit.edu>

• What is Resnet?

Resnet is a project to extend MITnet connectivity to student residences. The first step is to extend service to each independent living group (ILG) for Fall 1993 and to each room in undergraduate dormitories by Spring 1994.

For more information on this project, see "IS Dorm Networking Proposal - An Overview," "IS ILG Networking Proposal - An Overview," and "Resnet FAQ," a more complete version of this article. All these documents are available in the "Resnet" folder under the "Computing" folder in TechInfo.

• Where can I get information about Resnet?

In an effort to deal with all the questions surrounding Resnet and in the hopes of promoting discussion throughout the entire MIT community, IS has set up the following mailing lists and discussion groups:

<resnet@mit.edu> a public mailing list for questions and suggestions as well as official announcements. Every message sent to this list is archived in the publicly-readable Discuss™ meeting "resnet" on menelaus.mit.edu. Anyone can read this meeting and post to it by sending mail to the list.

<resnet-help@mit.edu> a private mailing list for people who wish to ask questions and get official answers. An IS staff member is responsible for answering these questions.

<resnet-status@mit.edu> a public, low volume mailing list. This list is a subset of "resnet," and contains only official announcements. Anyone may subscribe to this mailing list.

In addition you can find all official announcements and documents relating to Resnet, including this document, in TechInfo under "Computing" in the "Resnet" folder.

The documents referenced in this FAQ are available through TechInfo under "Information Systems Publications" or under "Resnet" both located in the "Computing" folder or by contacting the IS Publications Request Service by phone (x3-5150) or email <sendpubs@mit.edu>

• What can I do with a network connection?

There are many resources on MITnet and even more on the world-wide Internet to which MITnet is connected. For example, with a network connection you can send and receive email, converse over Zephyr™, read from and post

For on-line information about this project: <resnet@mit.edu>, <resnet-status@mit.edu>, <resnet-help@mit.edu> or call the Network Help Desk, x3-4101.

Also search on the keyword "resnet" in TechInfo.

to Discuss™ meetings and Usenet newsgroups, search bibliographic databases, get a copy of the US Budget, or have a conversation with a student on the other side of the world — all from the comfort of your dormitory room or ILG.

IS is working on ways to provide Macintosh, and eventually DOS/Windows, users with access to a variety of site-licensed software packages, MIT-developed applications, and IS publications.

In addition, Macintosh users will be able to share files and other resources easily, since AppleTalk is routed over MITnet.

For more information on these and other network resources, see the document *Welcome to MITnet* (NS-14.1).

• Will I be able to get Athena service with Resnet from my room?

If you buy an Athena workstation, you will have access to the same Athena services available through the machines in public Athena clusters with the possible exception of a very few cases where our software licenses restrict use to MIT owned machines.

If you use a Macintosh or PC, you will have access to a subset of the Athena services available through the traditional Athena workstations. Most of the educational software available on Athena is not available on Macintoshes or PCs.

• What can I do with a PC or Macintosh on MITnet?

Contrary to popular belief, you can connect your PC or Macintosh directly to the MITnet connection in your dormitory or ILG. As a matter of fact, many of the services that you're used to using on traditional Athena workstations are available or planned to be available on PCs and Macintoshes. In addition, IS will support several third-party developed network applications. For more information on MIT and third-party network applications support, see the list of supported MITnet applications available in the "Resnet" folder under "Computing" in TechInfo.

Applications available in September 1993 for	Macintoshes	PCs
Discuss	Yes	No
Email	Yes	Yes [Windows]
Email notification	Yes	No
Finger client	No	Yes [Windows & DOS]
Finger server	No	Yes [Windows]
FTP client	Yes	Yes & server
Gopher client & server	Yes	No
Kerberos password changer	Yes	Yes [Windows]
TechInfo	Yes	No
Telnet client	Yes	Yes [Windows & DOS]
Usenet newsreader	Yes	Yes [Windows]
Zephyr	Yes	No

DOS is supported on 8086, 8088, or 80286 machines with a 10 megabyte or greater hard disk running DOS. Windows requires an 80386SX or better machine running Windows 3.1 or better.

HELP WANTED — Become a Network Consultant

DISTRIBUTED COMPUTING AND NETWORK SERVICES is looking for a team of approximately 20 student consultants to provide on-site support for network users in the undergraduate dormitories. Primary tasks will include assisting individual students in getting connected to MITnet, providing bootstrap training, promoting responsible use of MITnet and the Internet, and attending weekly training sessions. Consultants may also be asked to work a limited number of hours on one of the Information Systems Help Desks.

We will accept resumes until September 24. We hope to have the team hired by the end of October. During the fall semester student consultants will be required to attend two hours of training per week. Beginning in the spring semester, student consultants will be required to work 7 to 10 hours per week, including 1 hour of training. Even though we will train the teams, candidates must have previous computer experience. In addition, a knowledge of TCP/IP and/or AppleTalk is beneficial. Hardware and/or software troubleshooting experience is a definite plus.

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AIDS Foundation Announced

By Sarah Y. Keightley
NEWS EDITOR

AIDS pioneer Luc Montagnier held a press conference at Harvard University Friday as part of the Industrial Summit.

Montagnier, a professor at the Pasteur Institute, discovered the

was also a spokesman for the foundation.

In the Western world, people have a skewed perspective of the severity of the epidemic, the spokesman said. This foundation will rally international support for AIDS patients in developing coun-

AIDS results in many orphans. The foundation wants to give scholarships to these orphans. These scholarships would cover education costs, medical care, and social care — to make sure these children are not excluded from society, he said.

In Uganda, which has a population of 17 million people, there are 1.5 million orphans whose parents died from AIDS, Montagnier said.

One out of eight people in Uganda are HIV positive, with 30 percent HIV positive in Uganda's capital, according to the audience spokesperson.

No cure in near future

Montagnier was asked how close researchers are to finding a cure.

It is hard to tell where the research community stand, he said. It is good to give the public hope through results; however, we should not be too optimistic. We are "still a way from a complete explanation of AIDS," he said.

"We're making some improvements, though this is not for direct patient application," Montagnier said.

Although a cure is not likely in the near future, Montagnier is optimistic about the ability to keep people with AIDS alive. "We've already extended the lives of some people," he said. Still, it is difficult to measure how much longer these AIDS patients are kept alive.

Financing the foundation

The World Foundation for AIDS Research and Prevention is financed mostly by donations. Montagnier said he met with the opera singer Luciano Pavarotti a few days prior to the summit, and support from personalities like him would make quite an impact on public opinion.

In addition, the foundation is receiving support from the United Nations Development Program, the World Health Organization, and other international groups, along with support from governments.

The foundation was established by Federico Mayor, director-general of the UNESCO and Montagnier, who is the foundation's president.

Panelists Forecast Bleak World Economy

By Hyun Soo Kim
ASSOCIATE NEWS EDITOR

The "Immediate World Economic Challenges" interactive session of the Industry Summit held Friday portrayed a bleak future for the world economies. The session featured three prominent economists — two of whom are MIT professors.

Professor Rudiger W. Dornbusch, Professor Paul R. Krugman PhD '77, and Professor Jeffrey Sachs of Harvard University served as panelists, and Jerry Green, Harvard provost, served as chair.

Dornbusch opened the session by outlining four major economic issues that daunt the world today. The issues he presented were the possible end of the General Agreements on Tariffs and Trade, the future of the North American Free Trade Agreement, the economies of the former communist nations, and the economies of India and China.

"Congressional authority on the Uruguay Round [of the GATT] will expire soon, and it's unlikely that Clinton will renew it," Dornbusch said. However, NAFTA will probably pass with Clinton's strong endorsement, he said.

Jobs, wages affect economy

Krugman addressed the session description in the summit information directory which said: "Trade, finance, and post-communism are reshaping the world economy. Can we look forward to new prosperity or will currency instability, capital scarcity, and trade wars be the new wave of fear?"

"Jobs and wages are the bottom line in the rich world economies. Not 'currency instability, capital scarcity and trade wars,'" Krugman said.

Krugman said that income

growth slowed in the world economy, especially in lower income households. "In the United States, the problem is income disparity."

"Some people are trying to divert attention to international issues like NAFTA so that the U.S. public will blame NAFTA for problems. ... But both the United States and Europe have avoided taking care of domestic issues," Krugman said.

Dornbusch said that countries should make efforts to create liberalized economies because more open trade may help employment.

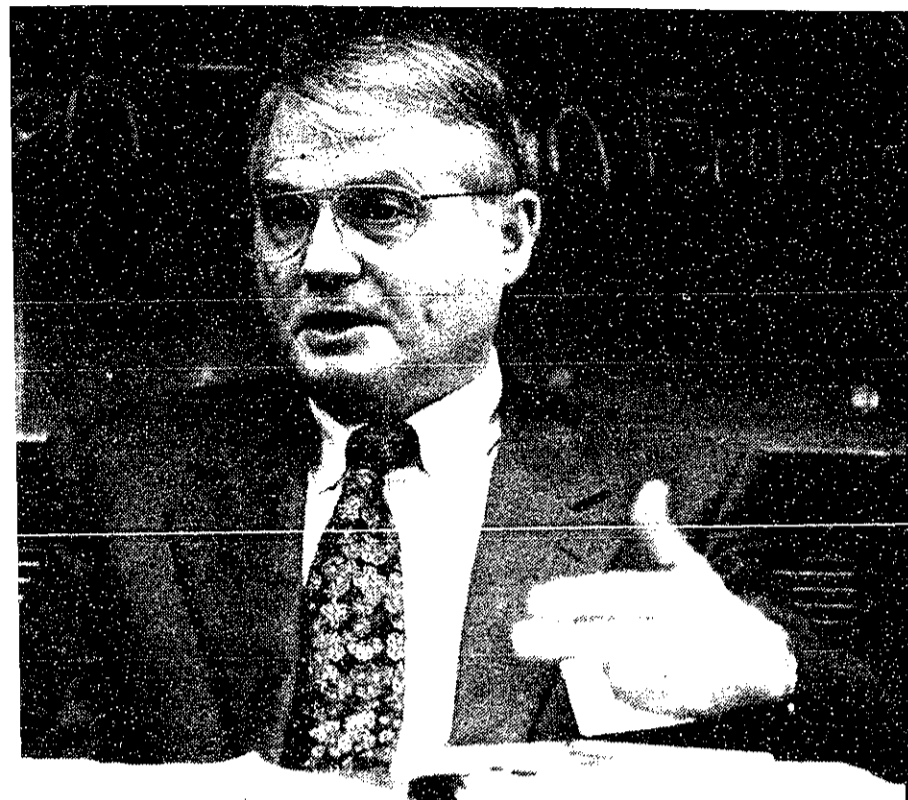
However, Krugman said that trade is not a jobs issue, and that making NAFTA a job issue is a big mistake.

The Russian economy

Sachs explained some of the causes of the economic chaos in the formerly communist world, and focused on Russia. "The interecine political battle is totally derailing the economy," he said. For example, the Russian Parliament is trying to infringe upon the rights of foreign investors in Russia to discourage Yeltsin's privatization efforts, Sachs said.

Sachs also disparaged the West for not giving enough aid to formerly communist countries. "The European countries have basically red-lined giving aid," he said. He added that every export from the formerly communist countries are slapped with anti-dumping restrictions by Western Europe.

During the question and answer segment, a member of the audience challenged some of Sachs's conclusions, saying that Western Europe was more open to exported goods from the former communist nations than Sachs claimed.



JOSH HARTMANN—THE TECH

uc Montagnier, the professor at the Pasteur Institute in France who discovered and isolated the AIDS virus, speaks at a press conference Friday.

Human Immunodeficiency Virus (HIV-1) in 1983 and isolated the second AIDS virus HIV-2 in 1985.

At the press conference, Montagnier announced the creation of the World Foundation for AIDS Research and Prevention. The foundation is taking action at an international level by "giving priority to research and developing education, prevention, and social support measures," according to a brochure.

The foundation was set up to help economies and societies of countries devastated by AIDS, such as Uganda, Montagnier said.

He also pointed out the importance of including a discussion of AIDS at the summit. It seems that developed countries do not recognize the extent of the AIDS pandemic in developing countries.

Even though 85 percent of AIDS cases are in developing countries, only 6 percent of AIDS donations from the private sector has gone to projects for these people, according to a member of the audience who

tries, he added.

Moreover, if a cure were found, it would be very expensive and thereby raise economic and social problems for developing countries, Montagnier said.

Purpose of the foundation

The goal of the foundation is to mobilize private initiative worldwide to complement measures taken by public authorities, give priority to innovative research, and provide support for victims and preventive education, according to the brochure. The first social project is to give scholarships to African orphans whose parents died of AIDS. Once the foundation has enough funds, it will open three applied research centers in Africa, France, and the United States.

AIDS has hit the coastal and eastern part of Africa very hard, Montagnier said. Demographically, AIDS mostly affects young adults in Africa. Many of these young adults are parents, and their deaths from

GUEST SPEAKER COMMENCEMENT 1994

The Commencement Committee invites suggestions for the guest speaker at MIT's Commencement Exercises on Friday 27 May 1994 from all members of the MIT Community. The Commencement speaker should be one who will be able to address topics of relevance to MIT. Written suggestions may be dropped off at the following locations:

Undergraduate Association Office
Room W20-401

Graduate Student Council Office
Room 50-222

Information Center
Room 7-121

The deadline for suggestions is Friday 24 September. In addition, suggestions may be filed with Mr. Caryl B. Brown—President of the Graduate Student Council, Ms. Ann Chen—President of the Class of 1994, and Miss Mary L. Morrissey—Executive Officer for Commencement.

All suggestions will be reviewed and a list will be submitted to President Vest for consideration. The list will not be made public nor will it be rank ordered. The responsibility and authority for selecting a Commencement guest speaker and issuing an invitation will rest with President Vest.



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Friday, September 17, 8:30 a.m. & (6:30 p.m. in Walker Rm 50-010)

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Rosh HaShana meals will be served in the Kosher Kitchen, located in Walker Hall. Dinners (\$8.20): Wednesday at 8:30 p.m., Thursday at 8:45 p.m. and Friday at 7:30 p.m. Lunches (\$6.00): Thursday and Friday 1:00 to 3:00 p.m. and Saturday (box lunch available for pickup on Friday). Prepaid reservations for all holiday meals are due by Tuesday, Sept. 14 can be paid with validine or cash.. Reservations can be made at the Kosher Kitchen, Room 50-005, #253-2987. The Kosher Kitchen is run by M.I.T. Food Service and is under the supervision of the Va'ad Harabbonim of Massachusetts.

TICKETS

Yom Kippur is Sept. 24-25. Tickets are required for all Sept. 24 Kol Nidre services. Tickets are available for all students. For students who are not Hillel members a \$15. donation is suggested. Non-student tickets are available for \$50. Tickets can be obtained at MIT Hillel until Sept. 23 and in M.I.T.'s Lobby 10 on Sept. 14, 22, and 23.

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Jim's Journal

Today I called Steve to see if he wanted to do something.

He came over and we just sat around.

His tennis shoes were stark white.

I asked him if he got new shoes and he said yes.

by Jim

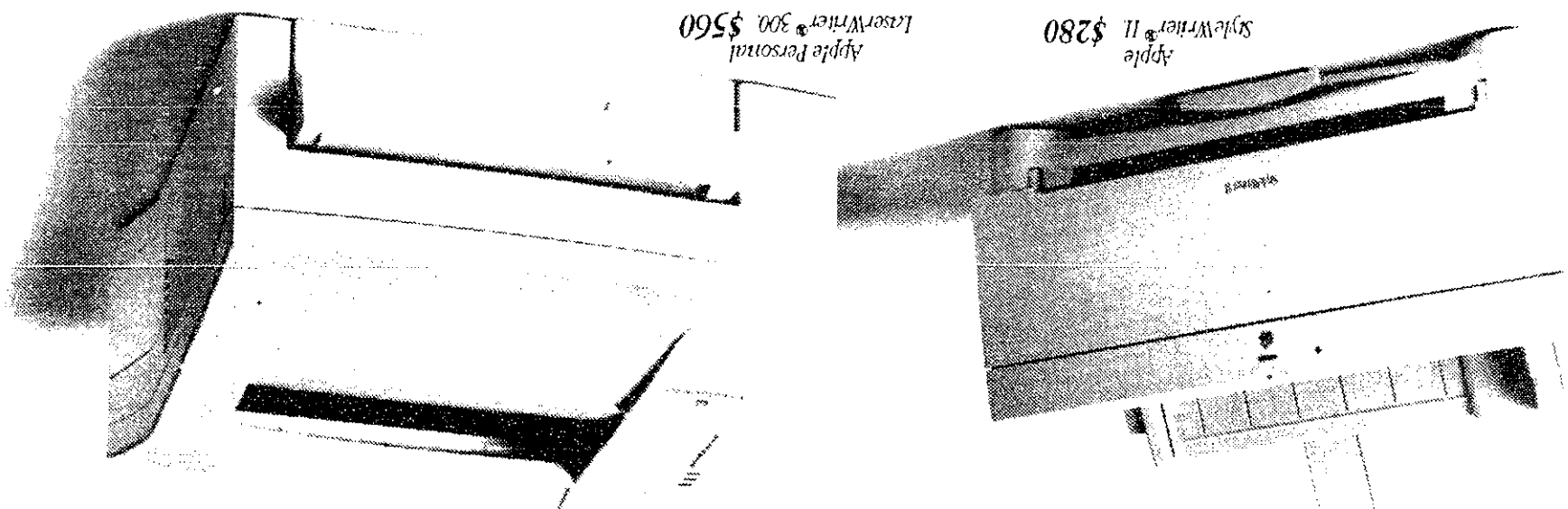
Today I slept in really late because I didn't feel like getting up.

Mr. Peterson was sleeping on the floor in a spot where the sun was shining through.


I wanted to eat something but I didn't have enough energy to make anything.

Then I watched TV.

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Sloan, EECS Delay Minors

Minors, from Page 1

respondents) and electrical engineering and computer science minors (17 percent), these departments declined to implement minors.

According to Seid, the Sloan School of Management is currently too small to accommodate the interests of students, both in terms of staff and financial support. The Sloan School, which has about 40 students per class, would gain an additional 90 new students if it offered a minor program, based on the results of the survey.

The school is interested in creating a minor, but it still needs time and planning before the minor can be implemented, Seid said.

"A minor in the Sloan School

of Management is enticing because everyone does science. It would be a break," said David K. Robinson '97.

Similarly, EECS is currently too busy planning and implementing its five-year Master of Engineering program to begin a minor program.

Many students interest in minors

A projected total of over 42 percent of MIT's science and engineering students are waiting to pursue an engineering minor "as soon as they become available," said Seid. There were not enough responses from students in other departments to provide an accurate projection, he added.

Many students approve of the new additions to the minor program.

"It helps to have a more structured program students can follow," said Judy C. Ascano '96. She added that students would also take a broader variety of classes in a subject. "I also think students would be more likely to take those classes if they could get a it on their diploma."

"I'm interested in architecture, but I wouldn't take architecture classes if I couldn't get a minor from it because I wouldn't see any practical reason to do it," said Suzanne M. Sears '96.

A minor program would "encourage students to be diverse and take classes outside their major," said Jonathan M. Walton '94. "It would be a way to recognize people who take classes outside their major."

POLICE LOG

The following incidents occurred on or near the MIT campus during the period Sept. 3-8:

Sept. 3: Westgate, computer stolen, \$800; Bldg. 14 bicycle rack, bicycle parts stolen, \$240; Delta Psi (Number Six Club), items stolen, \$1,035; DuPont Gymnasium men's locker room, wallet stolen, \$5; Student Center, bicycle stolen from rack, \$90.

Sept. 5: Senior House, malicious destruction; Bldgs. 3 and 14E, windows broken; Westgate lot, '93 GMC truck filled with personal property stolen.

Sept. 6: Bldg. E40, bicycle attached to sign post stolen, \$100; Bldg. E51, bicycle stolen, \$900; Fowler Street: '91 Honda stolen; Audrey Street: '93 Isuzu broken into and various items stolen \$25; Tang Hall, bicycle stolen, \$200.

Sept. 7: Hayden library, window broken; Westgate, bicycle stolen, \$40; E51 bicycle rack, bicycle stolen, \$350; Student Center, compact disc stolen, \$500; Hayden library, headphones stolen, \$150; West annex lot, attempted larceny of '93 Toyota.

Sept. 8: Bldg. 1 bicycle rack on Massachusetts Avenue, bicycle stolen, \$100; Pacific Street lot, car stereo stolen, \$250; Bldg. 10, lap top stolen, \$3,000.

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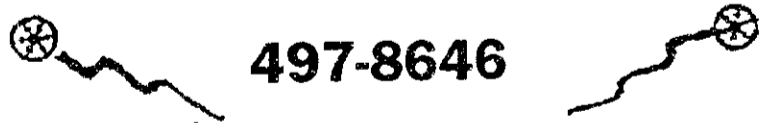


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Great Divide Is a Result of Information Technology

Story, from Page 1

for all countries, he added. "International is domestic."

Nations must share technology

Although technology is one factor which separates developed nations from developing nations, Thurow believes that it is neither a bridge nor a gap. The great divide is actually between those who have technological information and skills (or desire that knowledge) and those who do not, he said.

Thurow also believes that socialism hinders technological advancement. Third world countries must realize that participation in global trade is beneficial, both economically and technologically, he said.

Saltykov agreed that although Russia is technologically advanced in many areas, it cannot compete well on a global scale. Protected by the state umbrella of communism for over half a century, there was no need for marketing or financial infrastructures. Now, with a lack of administration and a centralized system, Russia "does not have enough resources for a normal level, normal speed, of improvement," Saltykov said.

Communist China, however, has been able to advance rapidly in recent years because of better management and better incentives to workers, such as property rights, Thurow said. This is partially because a large proportion of managers come from Taiwan, Hong Kong, and Singapore, as well as overseas, he continued.

Another factor is that in Asian

cultures, "Their average illiterate peasant is willing to make great sacrifices to make sure they have literate children," Thurow said.

On the other hand, American capitalism has been shortsighted, Thurow said. But, society as a whole benefits when all of its members contribute to long-term investment. There is a long-term benefit, for example, when someone pays for a child's education for 16 years without immediate return.

Regardless of political characterization, however, Thurow urged nations to adopt an "export-led, open market economy."

"Electrons do not recognize national bounds," Palmer said.

Academia, government, industry

A common theme voiced by the panelists was that a coalition between academia, government, and industry must be established in order to successfully develop and share technology on a global scale.

Palmer described the "rapid and unrelenting rate of technological progress" in information technology, as experienced by Digital. In the last 20 years, the computer power to price ratio has doubled every 18 months, telecommunication has been driven by advances in silicon and fiber optic technology, and microprocessors and storage units have increased in capacity.

With two million computers and 10 million users connected by the Internet over 70 countries representing every continent, communication is now faster than ever, Palmer said.

The implications of these new technologies are complex and far-



World Economic Forum President Klaus Schwab and MIT President Charles M. Vest confer before the start of the third plenary session of the Industry Summit Sunday morning.

reaching for those who choose to participate, but the risks are also high, Palmer added.

The panelists outlined a number of roles government should take. To minimize these risks, the government should play a role in establishing standards, providing security, and protecting intellectual property rights, Saltykov said.

Weld said The government should ensure that the laws and tax codes promote future, long-range activities. Thurow suggested creating a world science foundation to promote international cooperation in research.

The private sector may be more willing to take risks if the government defines the rules, Saltykov said.

In terms of academic institutions, Thurow asked, "Are we willing to use our institutions to look forward?" MIT is pumping out technology very quickly, partially through foreign graduate students,

but it is also siphoning back technology as quickly as possible, he said.

On a more basic level, Thurow warned that in the future people will need to be mathematically competent, as well as literate, in order to survive. "Even when you have a good 12 years of education, it isn't good enough," he said.

Given that almost one-third of all Americans earned college degrees and one-third do not graduate from high school, it will be up to the politicians to bring these groups together, Thurow said.

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Rush, Huntington Alleviate Crowding

Housing, from Page 1

dent affairs. "But given the number of students, we found as good a solution as possible."

Good rush, Huntington rooms help

Smith attributed the decrease in the number of crowded rooms this year both to a good ILG rush and new rooms available at Huntington Hall. MIT is leasing about 70 rooms at Huntington Hall from the Massachusetts College of Art for a one-year trial period. The Institute had looked into additional housing possibilities last spring as part of the effort to reduce crowding on campus.

While residence and campus activities office initially expected about 365 freshmen to pledge ILGs and live off-campus, Smith said that 380 freshmen have already pledged. In addition, 10 freshmen Alpha Phi pledges be living at the AP house, which previously did not house freshmen, he said.

According to D'Anna, 57 students are housed in Huntington, and there are still 12 openings which have not been filled. Smith said he was pleased that no one was forced to live at Huntington. He added that he expects Huntington to eventually be filled to capacity.

Despite the current crowding level, at least two dormitories reported openings last night. Senior House has 12 available spaces, according to Todd O. Dampier '94, Senior House room assignment chair.

John M. Dykes '96, room

assignment chair for New House 5, said there are also two open doubles in the house, and none of the five crowdable doubles have been crowded.

"I think [the housing office is] going to be slowly migrating students here," Dampier said. "My suspicion is eventually the spaces will be filled, but they have relaxed the pace to fill every space in the system."

Future housing investigated

"There has been a lot of discussion about the next step [to create more housing]," said Smith. Currently there are plans to renovate Building W2, the current location of the chaplaincy, as an annex to McCormick Hall. This would provide 30 more spaces, which should be available by next September, he said.

The Institute has also seriously discussed the possibility of building another dormitory, Smith said. "There are a lot of good reasons for a new building. ... A firm decision will be made before Christmas," Smith said. The Corporation may discuss this issue in an upcoming meeting, he said.

In addition, a new committee has been formed to look into models for determining the size of a freshman class and its corresponding housing needs, Smith said.

"If we keep admitting at the rate we did this year, we are going to continue overcrowding," Smith said. The Institute needs to either "find more beds or cut down on the number of admissions substantially."



YUEH Z. LEE—THE TECH
Provost Mark S. Wrighton (left) chairs a plenary session about environmental issues Saturday morning. With him are Harvard President Neil L. Rudenstine, Jacques-Yves Cousteau, and Maurice F. Strong, the chairman and chief executive officer of Ontario Hydro.

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Investment Is Key to Stability of Palestinian State

Khoury, from Page 1

politically from the deal. "I think this is a smart deal and the Israelis are getting a lot from this," Khoury said.

Khoury also discussed the characters involved in the process and the personal tensions they feel. Arafat has led the PLO for over 20 years, and has supported hijackings and terrorist bombings. Rabin led Israeli forces in the 1967 conquests of the West Bank and Gaza Strip.

"I think it's a very exciting moment fraught with all kinds of problems," he said. Despite the problems he mentioned, including the need for foreign investment in the West Bank and Gaza Strip and control of Jerusalem, Khoury saw the agreement as an important step — "more monumental than the Egypt-Israel peace that was brokered in the late 1970s," he said.

First, Khoury said, the process of granting self-government to the Palestinians must be seen as irreversible. "There has to be some understanding worked out fairly soon that the Palestinians will get more control, over time, over more territory," he said. "In time it is going to become a state."

Jordan and Syria must also be actively involved in the peace process, Khoury said. "You're not going to get real settlement and real peace unless you get Syria to sign on the dotted line," he said.

Another important factor for the stability of the Palestinian territories is investment in the region and its human infrastructure, Khoury said. "It is a poor area and someone has to put some money in it."

The United States is the only superpower with the ability to gather support for a Palestinian state,

Khoury continued. It "will go around with a tin cup if necessary," he said.

Investment in the region will also come from other Arab states, even though many states have reacted coolly to the agreement signed yesterday, Khoury said. "I think in time we're going to see wealthy Palestinians," he said. Many Arabs vacationed in the West Bank before the Israeli occupation, and they may return, bringing investments with them, he said.

The growth of a Palestinian state and foreign investment in it should also help Israelis, Khoury said. For Israel, "an expanded Palestinian state will lead to greater integration into the Middle East," he said.

The new Palestinian state would be closely linked to Jordan and would also trade with Israel, Khoury suggested. "They may form a little larger scale economy including Jordan and Israel, but it is still too early

to tell," he said.

Israel is looking for new markets and closer links to the rest of the Middle East, and a Palestinian state would provide new markets. "One vision is Israel becoming the Singapore of the Middle East," Khoury said.

Many problems remain

Though Khoury was obviously hopeful for the development of a Palestinian state and investment in it, he also discussed several of the problems that must be dealt with.

"Jerusalem will be the trickiest," Khoury said. "I would love to see some sort of internationalization of Jerusalem, but I don't think Israel is ready to cede anything. It's going to remain a thorny issue," he said.


The relationship between Palestinians and Israeli settlements in the West Bank and Gaza Strip must also be determined, Khoury said. The

peace agreement allows Israel to protect Israeli settlers but is vague on specifics.

Water rights on the West Bank are also a contentious issue, Khoury said. "The water table is a good one in the West Bank and more than half of it is siphoned off into Israel," he said.

The Palestinians and their leaders must settle factional disputes, Khoury explained. "The PLO will have to figure out how to govern the ungovernable," he said.

The future of the PLO leadership is also in question. "We don't know what kind of blood-letting is going to occur between these Palestinian factions," Khoury said. Though the peace process Arafat helped to start may succeed, the PLO chairman may be forced out of his commanding role. "There will be pressure sooner than later to get [Arafat] into some sort of honorary position," Khoury said.




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OPEN REHEARSAL - A
3 Wednesday Evenings at 7:30pm, \$31.50

October 20
SEIJI OZAWA, conductor
Vinson Cole, tenor

March 23
ROGER NORRINGTON, conductor

April 20
BERNARD HAITINK, conductor
Cynthia Clarey, mezzo-soprano

OPEN REHEARSAL - B
3 Wednesday Evenings at 7:30pm, \$31.50

November 10
FRANZ WELSER-MÖST, conductor
Heinrich Schiff, cello

January 5
YURI TEMIRKANOV, conductor
Joshua Bell, violin

April 6
SEIJI OZAWA, conductor
Josef Suk, violin
Yo-Yo Ma, cello

OPEN REHEARSAL - C
3 Thursday Mornings at 10:30am, \$31.50

October 7
SEIJI OZAWA, conductor
Krystian Zimerman, piano
Christine Schäfer, soprano

January 20
SIMON RATTLE, conductor

February 24
SEIJI OZAWA, conductor

OPEN REHEARSAL - D
3 Thursday Mornings at 10:30am, \$31.50

November 18
ANDRÉ PREVIN, conductor
Anne-Sophie Mutter, violin

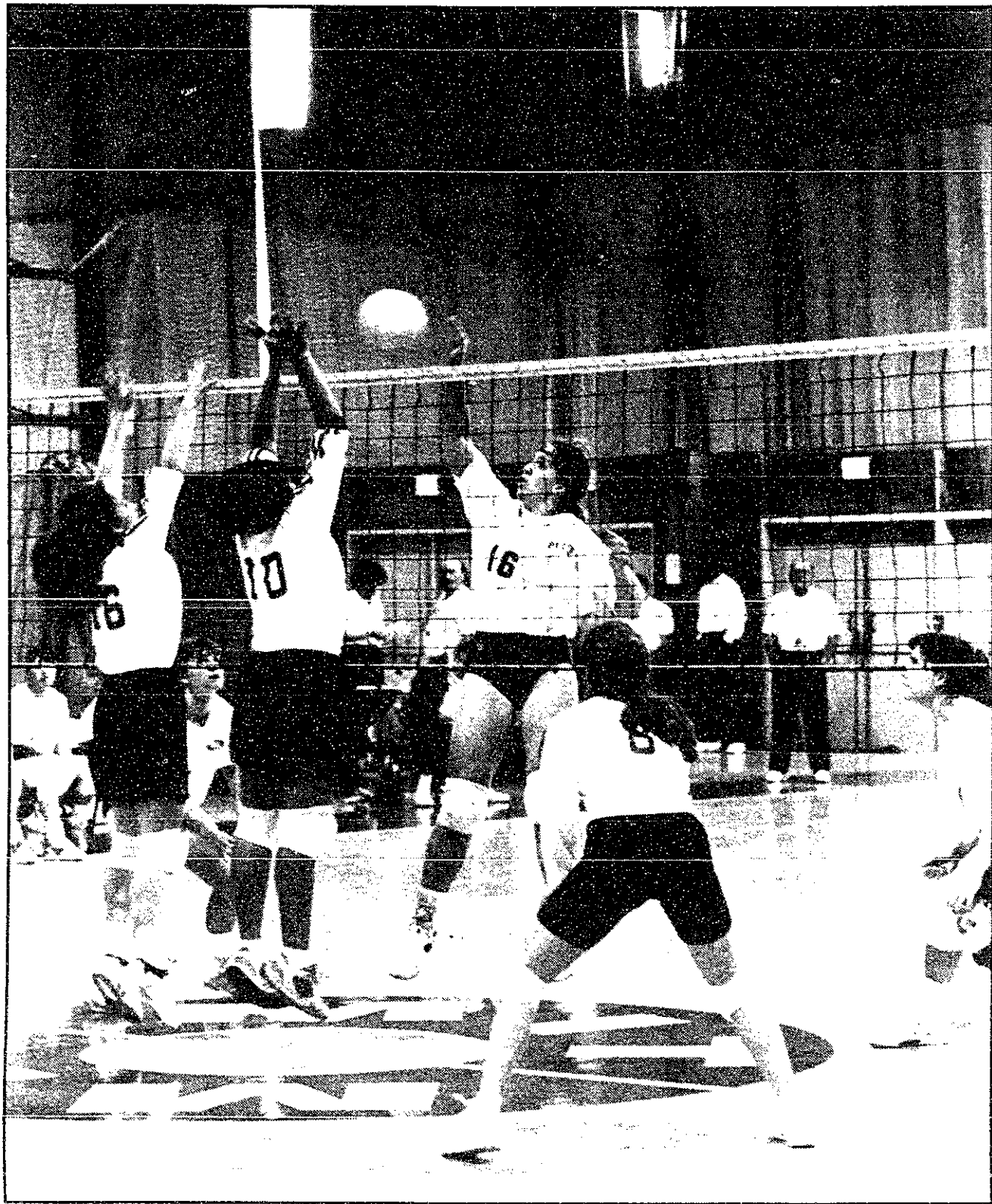
February 3
SEIJI OZAWA, conductor
John Browning, piano

March 17
JAMES LEVINE, conductor

SIX OPEN REHEARSALS: \$59.50
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TWELVE OPEN REHEARSALS: \$112.00

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SPORTS



MIT volleyball held a "play day" last weekend in Rockwell Cage for area volleyball teams to get into shape. YUEH Z. LEE—THE TECH

Baseball Splits Doubleheader

By Koichi Kunitake

The varsity baseball team started off its season Saturday with a doubleheader against the Wentworth Institute of Technology, at Briggs Field. The Engineers won the season-opening game, 5-4, but lost the second game, 8-7.

Rob Lepard '95 gave a noteworthy performance in game one, going two for three with a run scored. Brian Christensen '94 also played well, batting two for four with 2 RBI, and Jeff Kyle '96 hit a clutch single to drive in two runs.

Game two was decided by a single run game. Wentworth prevailed, even though third baseman Dave

Lopez '96 went 2 for 3 with an RBI.

The Engineers, defending Division III Eastern College Athletic Conference champions, will have to overcome the loss of three key pitchers in order to repeat their incredible performance of last season. Taking their place are Kyle, Lepard, and Aaron Loutsch '96. Loutsch, who allowed only two runs in five innings as starter in game one, will be a force to contend with in years to come.

The baseball team plays again Friday through Sunday in the MIT Invitational tournament with five other schools, including such tough competitors as Brandeis and Tufts Universities.

MIT Cross Country: A First Look

By Jason Handwerker

TEAM MEMBER

Displaying a great deal of depth and team unity, a young but talented cross country team defeated an experienced group of alumni at Franklin Park last Saturday. This annual event was an opportunity for every runner to test his ability in a racing situation and for the team to evaluate its competitiveness for the upcoming season.

As expected, the team's top returning veterans had a good showing. The race began with five veteran runners exploding off the line and taking their place with two alumni in the lead pack, which remained tight for the first

mile.

As the race progressed, several runners fell off the pace. Jesse Darley '95 remained strong, however, and continued to battle with former cross country star Terry McNatt '87 until the final sprint, when McNatt pulled ahead.

Finishing second overall, Darley was first across the finish line for the Engineers. He covered the five mile course in 26 minutes, 41 seconds, just three seconds short of first place, with Ethan Crain '95 (27:20), David Moyle '94 (27:22), and Jerry Pratt '94 (27:41) following close behind.

Five freshmen finished in the top thirteen, making it evident that the new class will play a decisive role in the team's future. Leading this emerging pack, Dan Helgesen '97 (28:01) and Jason Handwerker '97 (28:05) filled the next two varsity positions. Since five runners score in cross country, this strong freshman presence will greatly enhance the team's goal of advancing to Nationals.

Other strong performances were turned in by Tarik Saleh '95, Arnold Seto '96, and Josh Feldman '97.

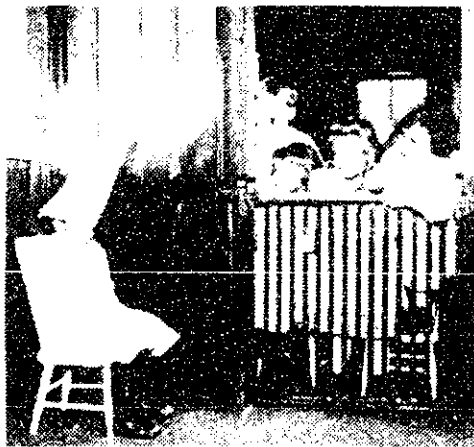
Write about sports!
Call Ann Ames at x3-1541

UPCOMING HOME EVENTS

Tuesday, September 14
Women's Varsity Soccer vs. Elms College, 4 p.m.

Thursday, September 16
Golf vs. Bentley and Merrimack Colleges, TBA
Men's Varsity Soccer vs. UMass-Boston, 3 p.m.

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in
Bharat-Natyam and Kuchipudi
Classical Dances of India

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8 p.m.
Kresge Little Theatre, M.I.T.

Tickets

\$20 and \$15, \$7 (students), \$5 (members)

Call: Pratyush Kumar (617)-864-5041(H), (617)-253-3225 (W)
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This performance has been supported in part by The Ralph Ogden Foundation, The Indian Council for Cultural Relations, MIT Graduate Students Council and Undergraduate Association

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