Future of New Dorm Uncertain

By Kimberly McManus

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Two Nobel Prize Winners MIT-Affiliated

By Arkajit Dey

Former MIT economics professor Eric S. Maskin and former graduate student Amreeta K. Gill ’09, both of whom have been affiliated with MIT, have been awarded the 2007 Nobel prizes.

Walter Shepherd Owen, 87

The MIT community mourns the loss of Walter Shepherd Owen, 87, a former MIT physics professor who served as a member of the MIT community for over 50 years.

Postol Speaks Against U.S. Characterization Of Missile Defense Site

By Nick Semenkovich

The U.S. Missile Defense Agency has been working to install a missile defense site in Turkey. The MDA claims that the site will “provide common security” by protecting from intermedi-ate-range Iranian ballistic missiles and long-range North Korean missiles. The proposal, known as the European Capability Initiative, has been stalled by Russia due to its security concerns. Although the MDA claims that the European Capability Initiative would be unable to intercept these missiles, Russian officials are sceptic-ally opposed to the site. To delay the site, Russia has threatened to target some of their nuclear warheads to European cities and withdraw from a cold war treaty banning mid-range nuclear weapons.

Postol, a professor in the Science, Technology, and Society program at MIT, says that the U.S. claim that the European Capability Initiative cannot intercept Russian missiles is incorrect. Postol discussed his research at an Aug. 28 Capitol Hill briefing through the American Association for the Advancement of Science. In his presentation, Postol said that the MDA has overstated the speed of Russian ICBMs by 15% and underestimated the speed of proposed new U.S. inter-ceptor missiles by 30%, according to an article in the Baltimore Sun on Sept. 24. The MDA, Postol said, has altered the speed of Russian ICBMs by 15% and underestimated the speed of proposed new U.S. inter-ceptor missiles by 30%, according to an article in the Baltimore Sun on Sept. 24. The MDA, Postol said, has altered the speed of Russian ICBMs by 15% and underestimated the speed of proposed new U.S. inter-ceptor missiles by 30%, according to an article in the Baltimore Sun on Sept. 24.

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Citigroup's Dramatic Profit Decline Surprises Chairman

By Eric Dash 
THE NEW YORK TIMES

Citigroup, the global banking giant, said Monday that third-quarter profit dropped 57 percent after it faced heavy losses on its fixed-income and consumer businesses.

The Citigroup results reflected a roughly $5.9 billion write-off that the company announced earlier this month after it was forced to recog-
nize losses from deteriorating securities prices and bad trading bets. In-
cluded is a $2.14 billion increase in the money it set aside to cover sour-
cing mortgages and consumer loans.

Citigroup's revenue increased 6 percent, to $22.7 billion, but failed to outpace a 22 percent increase in ex-
penses. Net income fell to $8.38 bil-
ion, or 47 cents a share, compared with $5.51 billion, or $1.10 a share, a year earlier.

"This quarter was well below our expectations and frankly surprising," said Charles O. Prince III, Citigroup's chairman and chief executive, on a lengthy conference call with analysts and investors. "We are working hard on improving these areas."

But unlike a similar statement he made two weeks ago, Prince stopped short of suggesting that he expected earnings to stabilize in the fourth quarter.

While no financial institution was expected to escape damage from this summer's credit storm and slowdown in the housing market, Citigroup was particularly hard hit.

The heavy losses and frequent disappointing quarters have raised questions about Citigroup's diversified business model, growth strat-
egies and it's management practices.

Citigroup's share price on Monday hovered around $46.50, about the same place where it was trading when Prince took over the company four years ago. And despite strong support from Citigroup's board and biggest shareholder, the problems in the quarter have raised doubt about his ability to manage the sprawling enterprise.

In the last two weeks, Prince has made significant changes as the bank has come under criticism. On Thursday, he announced a major overhaul of the structure and leadership of the investment bank, bringing the alter-
native investment unit into the divi-
sion and installed Vikram S. Pandit as its leader. He also named new heads of its capital markets division and fixed-income trading group, which had performed well until the recent quarter. Meanwhile, it is upgrading its risk management systems.

Despite the recent turbulence, Prince said that Citigroup's board was content with the strategy and management. "The board feels comfort-
able at the levels where we made the changes," he said.

Citigroup's overall investment banking revenue fell 24 percent. Most of the losses stemmed from its domestic fixed-income trading busi-
nesses and large book of leveraged loans.

The bank took write-downs of $1.35 billion pretax on the value of funded and unfunded leveraged loans as the market has dried up. It absorbed losses $1.58 billion as prices of subprime mortgage securi-
ties deteriorated. And it realized losses of $636 million in trading losses amid turmoil in the credit markets, though execu-
tives say it would have suffered even without the turbulence. All those areas contributed to an 87 percent drop in domestic investment bank-
ing revenue.

Turkey Seeks Approval to Raid Iraq to Pursue Kurdish Rebels

By Alissa J. Rubin
THE NEW YORK TIMES

Tensions mounted along the Iraqi-
Turkish border on Monday as the Turkish government sought parlia-
mentary approval for military raids into northern Iraq. The vote in Par-
lament comes as Turkey has armed forces to cross the border in pursuit of Kurdish rebels who launch attacks into Turkey from Iraqi Kurdistan.

The rebels, members of the Kurd-
istan Workers' Party, known as the PKK, have taken refuge in mountains that straddle the border. They are separatists who want auto-
nomous Kurdistan and have been generally sympathetic to the separat-
ists aspirations of the rebels and un-
mired by calls from the central gov-
ernment to restrain them.

Kurds in northern Iraq have been generally sympathetic to the separat-
ists aspirations of the rebels and un-
mired by calls from the central gov-
ernment to restrain them.

The Turkish government has sought approval to cross the border in pursuit of the PKK after the recent death of its leader.

The two countries signed a secu-
ry agreement last month to work together to combat violence by the PKK, which is considered a terror-

ist organization by the U.S. and the European Union. But the accord's specifically denied Turkey the right to cross into Iraq, even for the purpose of "pur sanitization.

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ists aspirations of the rebels and un-
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ernment to restrain them.

The Turkish Parliament is expected to vote Wednesday and approve the motion, which would authorize the armed forces to cross the bor-
der. The PKK has isolated itself from the rest of the Kurdish population and has not been able to secure a safe haven in Iraq.

The PKK has faced significant attacks from the Iraqi government since it established a government in the Kurdish region.

Turkey is one of the few countries in the world that has significant ties to the PKK, which has been designated a terrorist organization by the U.S. and the European Union. The PKK is known to be active in neighboring countries, including Turkey, Syria, and Iraq.

The PKK's main stronghold is in northern Iraq, where it has been fighting for the establishment of an independent Kurdish state.

The PKK has been involved in a long-standing conflict with the Turkish government and its allies, who see the PKK as a threat to their stability and security.

The Turkish government has been under pressure from the international community to end ties with the PKK and to take steps to prevent it from undermining its efforts to stabilize the region.

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Cuban Immigrants Law Up for Renewal, Avoid U.S. Coast Guard

By Marc Lacey

The New York Times

LOS ANGELES

Cubans migrating to the United States in the greatest numbers in over a decade, and for most of them the new route is first to head west — to Mexico — in a convoluted route that2

American officials say the migration, which has grown into a multinationwide enterprise, has risen sharply because many_PI CNN

That is what Jose Luis Savater, 45, a carpenter from Havana, did in early October to reach south Florida, which remains the goal for most migrating Cubans. It took Savater almost four days to reach Isla Mujeres, Mexico, a coastal island, in a rickety boat made of wood, fiberglass and aluminum and powered by a jury-rigged motor used for irrigating fields. The 15 men and one woman with him took turns sailing. “It’s extremely dangerous,” Savater recounted by telephone from Cancun. “I saw myself dead. I suffered a lot.”

But his next step was far easier: a flight to Matamoros, a border town just across from Brownsville, Texas, with the help of money wired from relatives in South Florida. Some American officials are calling this new approach — Cubans’ settling up to desert border stations and seeking political asylum — dusty foot.

Statistics make it clear that Cubans now believe that although it is considerably longer, the route through Mexico from the tiny bayside village of Cortes and other new launching spots on the western side of Cuba increases their odds of reaching Miami.

As for the law, the result is branding numerous schools as failing, but not producing radical change — leaving angry parents demanding redress. California citizens groups have sued the state and federal government for failing to deliver on the law’s promises.

“They’re so busy fighting No Child Left Behind,” said Mary Johns, president of Parent U-Turn, a civic group.

The New York Times

October 16, 2007

World & National

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let your imagination soar

By putting our collective imagination to work for a better future, GE’s changing the world, one innovation at a time. That’s why we were named one of the Most Innovative Companies by BusinessWeek in 2007. At GE, we invite you to let your imagination soar with a career in engineering, finance, manufacturing, sales and marketing, human resources, or information technology.

GE Info Night

Learn about opportunities at GE at Info Night and enter to win an iTouch!

October 17

6:30 p.m. – 9 p.m.
34-101

Pizza provided at 6:30, presentation begins at 7. Q&A with various GE businesses following.

Imagination at work

By Diana Jean Schemo

The New York Times

As the director of high schools in the gang-infested neighborhoods of East Los Angeles, Guadalupe Paramo struggles every day with educational dysfunction. For the past half-dozen years, not even one in five students at her district’s trewing high schools has been able to do grade-level math or English. At Lincoln High this year, only seven in 100 students could. At Woodrow Wilson High, only four in 100 could.

For chronically failing schools like these, the No Child Left Behind law is branding schools and turning them over to a private company, a charter ope

For chronically failing schools like these, the No Child Left Behind law up for renewal in Congress prescribes drastic measures: firing teachers and principals, shutting down high schools and turning them over to private companies or the state itself, or a major overhaul in governance.

But more than 1,000 of California’s 9,500 schools are branded chronically failing schools and the numbers are growing. Barring revisions in the law, state officials predict that all 8,603 public schools serv

In Florida, 441 schools could be candidates for closure. In Maryland, 49 schools in Baltimore alone have fallen short of achievement targets for five years or more. In New York, 77 schools were candidates for restructuring as of last year.

Some districts, like New York City, have moved aggressively to shut large, failing high schools and break them into small schools. Los Angeles, too, is trying small schools, along with other innovations, said David L. Brewer III, its schools superintendent, has just announced plans to create a “high priority district” under his direct control made up of some of the worst schools.

Yet so far, education experts say they are unaware of a single state that has taken over a failing school in response to the law. Instead, most allow school districts to seek less drastic ways to improve.

“When you have a state like California with so many schools up for restructuring, that taxes the capacity of the whole school change industry,” said Heurich Munrop, an education professor at the University of California, Berkeley.
Opinion

Torre on Decline

As a die-hard Yankee fan, I feel the need to object to the sentiments espoused in the recent article about the firing of Joe Torre (“Torre’s Tenure in NY? Should Not Hinge on One Division Series,” Oct. 12, 2007). Yankee fans demand a level of performance that other fans may not be accustomed to. For some teams, fans just want a winning season, or to beat their division rivals, or to find some way of not letting a perfectly good season fall apart (like the Yankee’s cross-town friends, the Mets). Yankee fans want a World Series title, though some years we’ll settle for a pennant. We don’t expect one every year, but with such a dominant lineup, getting kicked out of the playoffs in the first round again and again, and losing the way we have, merits the dismissal of the manager. We’re not fickle fans; I love Joe, but he’s lost his touch with the team. They just aren’t working the way they did back in the late ‘90s; he is not even managing the way he did then. Joe, he’s been on the decline for a while, and this was just the straw that broke Steinbrenner’s back.

Wacius W. Maina ’10

Letters To The Editor

Dear Staff,

I am writing to express my concern about the recent editorial (“Torre’s Tenure in NY? Should Not Hinge on One Division Series,” Oct. 12, 2007). As a long-time Yankees fan, I believe that Joe Torre has been a valuable asset to the team and deserves another chance to lead them to victory.

Sincerely,

[Your Name]

Opinion Policy

Editorials are the official opinion of The Tech. They are written by the editorial board, which consists of Chairman Michael McGraw-Herdeg, Editor in Chief Angelina Wang, Managing Editor Austin Chu, Opinion Editor Aditya Kohli, and Contributing Editor Rosa Cao.

Dissonant voices are opinions signed members of the editorial board choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to editors@the-tech.mit.edu. Hand copy submissions should be addressed to The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 5 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the author’s signature, address, and phone number. Unsigned letters will not be accepted. 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. Letters, columns, and cartoons may also be posted on the Tech’s Web site and/or printed in other forms.

Associate Provosts for Faculty Equity finally named a year after the position was created. Where was this 10 months ago during the Shirley debate?

LaVerde’s Market now open 24 hours. Now 6,170 students, pre-meds, and reading room lovers will no longer go hungry!

Record voter turnout in fall UA elections. Unfortunately, the highest voter participation was at Bentley Hall. Let students elect Naledi Abe Bekele.

MIT can only claim distant relations to any of the 2007 Nobel Prize winners. After this and our U.S. News rankings drop, how are we going to attract new students?
Anti-Americanism in the New Century

Ali S. Wyne

None of the presidential candidates have answered a fundamental question: how can the United States rehabilitate its reputation in the world? It is not, admittedly, a new question. It gains added urgency, however, because Americans, and the values for which they stand, are increasingly being associated with the Bush administration’s foreign policy. According to Kohut, the world community increasingly suspects that the United States is using the war on terrorism as an excuse to project its power ever further. It also believes that America’s preoccupation with terrorism has limited its ability and willingness to contribute to the resolution of global problems like climate change. Finally, many in the global community believe that the United States accords priority to military force over diplomacy, with the result that even close allies regard it as one of the principal threats to world stability.

Exacerbating this perception is the hostility of influential policy makers, and their intellectual proponents, toward world opinion. Defending the war in Iraq, Jonah Goldberg, a Senior Review columnist, argued that “the grapes we hear today are predictable complaints of people who grew pretty comfortable in the shadow of a sleeping giant. The giant was rudely awoken. And if the resultant harsh light of day is unpleasant or inconvenient to you, too bad it is bad. The United States is taking care of business and we’ve got nothing to apologize for.” Goldberg’s colleague, Michael Ledeen, offered this policy prescription: “Every ten years or so, the United States needs to pick up some small crappy little country and throw it against the wall, just to show the world we mean business.”

Growing opposition to American people coincides with increasing suspicion of democratic capitalism. I issue this statement with qualifications, of course. As of 2005, 64 percent of the world’s countries were electoral democracies, and, if present trends persist, the world’s major powers will continue to be democracies. However, rising powers will not have to embrace democracy to wield important influence. In particular, China’s success in combining single-party rule and capitalist economics has buoyed the hopes of autocratic powers — most importantly, Russia. Other examples abound: Central Asian and Eastern European countries are picking up where the Soviet Union left off. Closer to home, Latin America and South America are beginning to break their ties to Washington.

Keeping with these trends, the global community seems poised to embrace a world in which another power supplants the United States. In 2005, the Program on International Policy Attitudes and GlobeScan surveyed 23 countries on the optimal structure of global governance: 20 believed that it would be “mainly positive” if the European Union acquired greater influence than the United States in world affairs. In 2007, the Chicago Council on Global Affairs and WorldPublicOpinion.org surveyed 13 countries on China’s ascendance: majorities in all but one believed that it would be “mostly positive” or “equally positive and negative” if China’s economy were to become as large as America’s.

Why should we care what other countries think? Recent years should answer that question. They can choose not to contribute to the welfare of Afghanistan and Iraq, which are emerging as fundamentalist states at the heart of the Middle East. They can revert to protectionism and establish bilateral pacts, thereby enfeebling the system of multilateral trade governance on which our economy’s health depends. They can send their students to colleges and universities outside of the United States, thereby weakening our innovative edifice. They can prevent us from influencing Iran and North Korea, two of the world’s most dangerous regimes. The list goes on.

World opinion is like a friend. Its responsiveness scales with the respect that it receives. It does not expect to get its way all of the time or even most of the time, but it will turn sour, even hostile, if it is continually ignored. While it is content in its views, it is willing to listen and change. Under the Bush administration, we have turned our back on our most dependable friend, the one who helped us attain, and once embraced, our rivaled position of power.

The United States rehabilitated its reputation and built prestige in the 1990s. Anti-Americanism is increasing, however, because Americans, and the values for which they stand, are increasingly being associated with the Bush administration’s foreign policy. According to Kohut, the world community increasingly suspects that the United States is using the war on terrorism as an excuse to project its power ever further. It also believes that America’s preoccupation with terrorism has limited its ability and willingness to contribute to the resolution of global problems like climate change. Finally, many in the global community believe that the United States accords priority to military force over diplomacy, with the result that even close allies regard it as one of the principal threats to world stability.

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As we look forward to 2008, we should ask — are we going to lead in the 21st century? If the answer is yes, who are we going to elect to redeem our image?
By Charles Lin

My roommate Sam and I were at Neiman Marcus one day, looking at Prada party shoes. It was then that we decided the current avenues for constructive feedback to the powers that be in America are woefully inadequate. Sam and I are strong proponents of constructive criticism, especially when it comes to consumer products.

For instance, Sam once wrote a letter to Trader Joe’s suggesting that they should not advertise goods as 50 percent organic since that implies that they’re also 50 percent chemical. Likewise, he advised the Coca Cola Company to consider that Dr. Pepper out sells Coca Cola. They also wouldn’t be making ill-fitting $1,200 velvet blazers in the first place.

Banana Republic has also recently turned a deaf ear to feedback. They’re peddling a new fall fragrance called “Confidov.” Confidov is defined as the “subconscious layer that covers the equine posterior,” otherwise known as a horse’s ass. Boy do I want to smell that like that before a date. Are you ready to go out to dinner yet? Yeah, one second, let me apply some of this so you’ll confuse me with a saddle.

If only it was for one way companies to actually adapt to people’s tastes. It’s amazing that they spend so much money on trying to figure out what people want and yet inevitably fail. Remember New Coke? To date, writing letters and yelling at Banana Republic sales associates seems to have gone nowhere. No change needs to come from the top down.

Here’s what I’m thinking. These fancy retail stores love ultra modern installations for their stores. This is why Banana Republic does the pandemonium and Abercrombie and Fitch hasn’t actually shown a picture of a fully clothed person in five years. Why don’t they make shopping a more interactive experience? They can only try and satisfy shoppers by buying things; we need a way to instantly shake off dissatisfaction. This is why with political elections, I’d rather vote against somebody than for somebody.

When you enter a store, they should hand you a little remote with two buttons. (1) Like and (2) Hate. Then you should feel free to roam around and be judgmental. Don’t look at that stupid shawl collar men’s cardigan? Then point and hate. I’ll be even better if you could point it out at other shoppers too. Hipster with the too-skinny jeans, point and hate. Of course, I’m walking around in a mall right now complaining incessantly and writing a column on a BlackBerry. If I had such a remote, I’d point and hate myself.

This is actually a good thing. Stores need to be reminded not to design absurd blazers. Likewise, I would be okay with the occasional reminder of just how absurd my own existence is. In fact, almost everybody in the world would benefit from an occasional absurdity check. Who says the like/hate remote should be limited to shopping? Imagine speed dating with one of these things.

Well, the remote won’t be invented today, but there is hope in the land of feedback. As I awkwardly communicate this column on Sam’s BlackBerry with my thumbs, he is filling out a customer service survey that will give him 15 percent off a garment bag. We’ve been weighing out the cost-benefit analyses of a three-fold garment bag vs. a two-fold bag. We’ve decided that the space saving benefit of having three folds outweighs the problem of having another crease in the suit. Hopefully the people who make garment bags will take our feedback into account.

We Welcome Feedback

We encourage our readers to send us feedback on the images that we publish, as well as the stories that we write. Our goal is to make sure that our readers feel heard and that our work reflects the diversity of our community. If you have any comments or questions, please feel free to contact us at oneweb@tech.com.

Conflict Behind the Lens

We ran this image to counteract the idea that photography is simply about capturing a moment in time. While it is true that photography can capture a moment, it is also a means of communication. The photographer must consider the message they want to convey and the way they want to convey it. This is especially true when working in challenging environments such as the one depicted in this image.

There’s no easy solution.

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Today, we’ll discuss two popular mathematics software packages: Matlab and Mathematica. In addition, we’ll take a look at gnuplot, a tool designed to produce high-quality data plots.

How do I get started with Matlab?

Matlab is a popular language for working numerically with lists and matrices. You can bring up the full interface with:

```
athena% add matlab
```

(Without the -desktop flag, Matlab will start its text-mode interface.)

“Matlab” is short for “matrix laboratory.” You can enter a matrix with square brackets, with spaces between numbers on the same row and semicolons to break rows:

```
>> a = [1 2; 3 4]
an
```

You can also use an iteration syntax for long lists. For example, `1:1000` is the first thousand positive integers, and `[1:0.01:1 2:0.01:3]` represents all hundredths from 0 to 1 and from 2 to 3, inclusive.

Standard matrix operations such as multiplication (*), transpose, etc. are supported. You can call a function with parentheses:

```
>> transpose([1; 2; 3])
an
```

Since Matlab will try matrix operations first, if you want to do a “scalar operation” on each element, you’ll need to add a period before the operator. Using the answer from the previous problem:

```
>> a * [4 5 6] ??? Error using ==> mtimes
   Inner matrix dimensions must agree.
an
```

To plot a function via Matlab, first create the data points, then use the plot command:

```
>> x=[0:.1:pi]; y=sin(a);
```

You can find more information about options to the plot command, and in fact about most Matlab commands, by typing help followed by the name of the command.

A detailed reference guide using Matlab is SIPB’s document “Inessential Matlab,” available in hard copy from our office. An online version is also linked from the Web copy of this article at http://www.mit.edu/~asksipb/.

What’s a good tool for doing algebra and other symbolic math?

Mathematica is an interactive computer algebra system as well as a mathematical programming language. You can launch the standard notebook interface by typing:

```
athena% add math
```

You’ll be able to start typing expressions in standard mathematical notation. To evaluate an expression, hit Shift-Enter.

```
In[1] := 16! * (1/256)
Out[1] := 2^400 3^200 5^128 7^128
```

Standard Mathematica functions are capitalized and use square brackets for their arguments, for example:

```
In[2] := Simplify[Integrate[2 Sin[Log[x]], x]]
Out[2] := x (-Cos[Log[x]] + Sin[Log[x]])
```

```
In[3] := Integrate[Sin[x]/x, {x, 0, Infinity}]
```

Mathematica is a powerful yet lightweight programming language as well; the classic example of the factorial can be re-implemented as:

```
fact[x_] := If[x==0, 1, x fact[x-1]]
```

In a more rule-based style, you can write:

```
fact[x_] := x fact[x-1]
```

(The underscore indicates a variable argument, rather than a literal “x.”) You can even use higher-order functions, just like in Scheme:

```
In[4] := Map[(#^2+1) &, {1, 2, 3, 4}]
Out[4] := {2, 5, 10, 101}
```

Mathematica’s online help, available from the Help menu, is extremely detailed and has several tutorials as well as a complete function reference. You can also type a question mark followed by a function name for a quick overview of the function’s syntax.

```
In[5] := ?Sin
Sin[x] gives the sine of x.
```

How can I plot my data?

Although advanced math packages such as Mathematica and Maple incorporate some graphics capabilities, their focus is on data analysis and not presentation. To produce more professional figures, it is best to use an external program such as the gnuplot utility.

Gnuplot runs in a terminal, but it opens a separate window to display graphs. To start a gnuplot prompt, add the `gnuplot` locker (enter `gnuplot` at an Athena prompt), then type `gnuplot`. Once running, gnuplot has an extensive on-line help system, accessible by typing `help` at the prompt.

Making plots on-screen is easy, for example, try:

```
gnuplot> plot x**2*sin(x)
```

It’s also easy to plot data files, such as the output from this Mathematica command:

```
Export["trig.dat", Table[{x, Sin[x], Cos[x], Tan[x]}, {x, 0, 3 Pi/2, 0.1}]]
```

```
Assuming that `trig.dat` is in the directory where you started gnuplot, you can plot the tangent function with plot "trig.dat" using 1:4 using:
```
```
gnuplot> plot "trig.dat" using 1:4
```

You can also get gnuplot to write plots to a file. Try:

```
gnuplot> set output "tangent.jpg"
gnuplot> plot "trig.dat" using 1:4
```

```
Gnuplot can produce an extensive variety of plotting styles — try using it for your next scientific paper!
```

To ask us a question, send e-mail to sipb@mit.edu. We’ll try to answer you quickly, and we can address your question in our next column. You can also stop by our office in W20-557 or call us at x3-7788 if you need help. Copies of each column and pointers to additional information are posted on our Web site: http://www.mit.edu/~asksipb/

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Campus Life

Want to write for Campus Life? Email join@the-tech.mit.edu

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CAMPUS LIFE

Call SIPB with questions at x3-7788!

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THE TECH

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Skip your night class and skate down to the TD Banknorth Garden because Boston Bruins Student Nights are back. This season every weekend is Student Night and tickets are only $23.50. Go online to bostonbruins.com or call Shea Coakley at 617.624.1976 to order yours today!

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The Hub of Hockey

Upcoming Student Nights

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Students and faculty are invited to join in the fun and games at the TD Banknorth Garden, the official student ticket outlet for the Boston Bruins. All students and MIT faculty receive 20% off tickets and have access to the Student Center, located in W20-557!
The MIT Wind Ensemble and Festival Jazz Ensemble performed a two-part concert entitled “Dance Winds” on Friday evening, Oct. 12. The concert welcomed parents and family in addition to celebrating the memory of Herb Pomeroy, jazz trumpeter and founder of the Festival Jazz Ensemble, who passed away on Aug. 11 of this year.

(Clockwise from top left) Roshini S. Zachariah ’09 (left) and Kaitlyn P. Becker ’09 (right) play flute during “Armenian Dances (Part 1),” by Alfred Reed.

Frederick E. Harris Jr. spiritedly conducts the Wind Ensemble through “Armenian Dances.”

Mauro C. Braunstein G (right) and Lisa M. Danz ’10 (left) play bass clarinet and bassoon, respectively, in “Alleluia,” a song played in memory of Herb Pomeroy.

Jason P. Rich G (left) and Sinan Ketan G (right) play opposite Colin E. Johnson G’s baritone saxophone during a sax solo in “Pressure Cooker,” a song by Sammy Nestico.

Aseem Kishore ’08 wails during a trombone solo in “Tall Cotton,” also by Nestico.

Matthew J. Rosario ’10 plays the piano during “Dukâbâd,” the second song in a medley in memory of Pomeroy.

Photography by Omari Stephens
Mellifluous Musical Rhythms Resound From Songfest

Every year, MIT’s a cappella groups put on an entertaining show for students and parents at Family Weekend.

(clockwise from right)
- Techiya, MIT’s Jewish a cappella group, sings “Sisu et Yerushalayim.”
- Chelsea L. Ostrander ’10 of the Muses serenades the crowd with “It Ends Tonight,” originally by the All-American Rejects.
- The MIT/Wellesley Toons open for the annual concert with “Put Your Records On,” originally by Corinne Bailey Rae.

The Logarhythms amuse hundreds with colorful costumes and eye-catching moves.
Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Solution on page 13.

Solution, tips, and computer program at http://www.sudoku.com

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17 Lesson from Aesop
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36 Business ventures for couples
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46 Fills with thin mortar
47 Eliot
52 Main/Kilbride movie
54 Neon
55 Some digits
56 Quiet period
60 Lobster eggs
61 Tolkien’s tree
62 Part of AT&T
63 Samuel of the Supreme Court
64 John of pop music
65 Exist
66 Lady’s address
67 Frozen rain

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4 Bygone Russian ruler
5 Actress Ward
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9 Raw minerals
10 Overtake
11 Import tax
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47 Eliot
52 Main/Kilbride movie
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55 Some digits
56 Quiet period
60 Lobster eggs
61 Tolkien’s tree
This week, LSC PRESENTS TWO FREE SNEAK PREVIEWS!

Tickets distributed in Lobby 16 at 6:00pm day-of-the-show

Admission is limited to the MIT Community and guests. MIT or Wellesley ID required

Tuesday, 8:00PM in 26-100

WHAT IF SOMEONE YOU LOVE... JUST DISAPPEARED?

TODAY

Wednesday, 7:00PM in 26-100
Followed by Q&A with Actor Tom Guiry

TOMORROW!

STUDY ABROAD INFORMATION SESSIONS!!

Oct. 18, 4:30-5:30pm, Rm. 3-133
&
Oct. 19, 3:30-4:30pm, Rm. 4-231

Come learn about semester, summer, IAP, or year-long opportunities!

http://web.mit.edu/studyabroad, E-mail: studyabroad@mit.edu

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TODAY

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TOMORROW!
The following incidents were reported to the MIT Police between Sept. 6 and Oct. 11, 2007. This summary does not include incidents such as false alarms, general service calls, larcenies, or medical shuttles.

Sept. 6: M3 (33 Mass. Ave.), 6:08 a.m., Breaking and entering; electronic equipment stolen.
M19 (132 Memorial Drive), 1:00 p.m., Arrest of Pramodth H. 30 First St., Worcester MA, for trespass after notice.

Sept. 7: NE49 (600 Tech Square), 12:40 p.m., Arrest of Ernest Hunter, 12 Greenwood St., Malden MA, on two outstanding warrants.

Sept. 10: E60 (30 Memorial Dr.), 9:00 a.m., Breaking and entering; reporting person states computer was stolen.

Sept. 11: Hayward Lot, 9:00 a.m., Hit and run; Sergeant takes report.
W7 (662 Memorial Dr.), 10:28 p.m., Arrest of suspicious person; Malachi Mims, 52 Homeland St., Boston MA, taken into custody on default warrant.

Sept. 14: M16 (100 Memorial Dr.), 9:51 a.m., Arrest of suspicious person; Abdisamad Abubakar, 9 Costa Circle, Framingham, MA, for trespass after notice.

Sept. 16: W9 (251 Vassar St.), 3:00 a.m., MIT Police assist Cambridge and State Police on sexual assault investigation.

Sept. 17: W9 (251 Vassar St.), 3:26 p.m., Warrant served; Malachi Mims, 7 Marvis Place, Cambridge MA, placed under arrest for default warrant from Brockton court.

Sept. 20: W61 (600 Memorial Dr.), 9:00 a.m., Breaking and entering; motor vehicle window smashed and GPS stolen.

Sept. 24: DP (428 Memorial Dr.), 3:00 a.m., Breaking and entering; victim reports person climbing in her room window. Suspect exited when he realized victim was in room.

Sept. 25: Slan Lot, 9:48 a.m., Breaking and entering into construction site; theft of equipment.
Windsor Lot, 1:00 p.m., Breaking and entering; vehicle broken into and camera stolen.

Sept. 26: 730 Main St., 9:24 p.m., Recovery of stolen motor vehicle; Boston Police notified.

Sept. 28: Alpha Epsilon Pi (165 Bay State Road), 4:50 a.m., Attempt to commit a crime; Caller reports she was awakened by noise and observed a black male, in beige t-shirt, trying to gain entry through window from fire escape.

M22 Garage (32 Vassar St.), Hit and run; vehicle left scene after causing damage to another vehicle.

Sept. 29: NW68 (70 Pacific St.), 9:55 p.m., Person reports suspicious vehicle followed her and suspicious person tried to get her into vehicle.

Sept. 30: M4 (182 Rear Memorial Dr.), Student sleeping in 4-251 when awakened by man going through her belongings. The man fled as she woke up.

Oct. 1: NE125 (1 Charles St.), 9:25 a.m., Breaking and entering; report of theft of computers.

Oct. 4: NW2 (265 Mass. Ave.), 2:24 p.m., Caller reports unattended child left in vehicle. On arrival, mother was with child in vehicle.

Oct. 5: Kappa Sigma (407 Memorial Dr.), 6:44 a.m., Arson; report of smoke coming from roof of Kappa Sigma. Officers report mattress smoldering on roof deck. Cambridge Fire on scene to investigate.

405 Memorial Dr., 12:20 p.m., Warrant served on William Quigley, Somerville, MA on two warrants.

Oct. 11: M3 (33 Mass. Ave.), 2:08 p.m., Breaking and entering; reporting person states someone broke into his filing cabinet.

Solution to Crossword from page 11
Solution to Sudoku from page 10

"War in Darfur and the Search for Peace"
Alex de Waal
October 17th, 7:00-8:30 P.M.
4-270

Alex de Waal is the director of Justice Africa, based in London, and a fellow of Harvard's Global Equity Initiative. He has been involved in the peace negotiations in Darfur, Sudan in northeast Africa for the past decade. Come hear him talk about the current situation in Darfur, what can be done in the future to alleviate the violence, and his new book.
Today you affected tomorrow’s financial headlines.
All in a day’s work.

Bring your passion and commitment to our One Firm Presentation and see how you can make an impact at one of the world’s great financial institutions.

Hotel@MIT
20 Sidney Street, Cambridge
Wednesday October 17, 7:30 p.m.
Football Beats WNEC
26-21, Earns First Win of Season

The MIT football team earned its first win of the season on Saturday afternoon, beating Western New England College 26-21 in an away game. Quarterback Stephen C. Toth ’09 threw for 52 yards and two touchdowns, while DeRon M. Brown ’10 rushed for 138 yards and another touchdown. Toth replaced Brian P. Doyle ’11, who passed for 11 yards before leaving with an injury.

Tech (1-5, 1-3 New England Football Conference) relied on its running game, leading 265 of its 336 yards on the ground. After falling behind 7-0 just 1:41 into the game, Toth connected with running back Robert C. Ura ’09 for a three-yard pass on fourth-and-goal in the second quarter. MIT never trailed again, as Marcus A. Parvin ’10 intercepted a pass that led to a touchdown drive. Brown completed a 25-yard run to the end zone to give MIT a 13-7 halftime lead. After Thomas C. Scotten ’08 completed a two-yard touchdown run, WNEC countered with a scoring drive that culminated in back Jordan Capitanio running for nine yards. The score stood at 20-14 before Toth finished a fourth-quarter drive with a one-yard touchdown pass to Thomas J. Franklin ’09. WNEC scored another touchdown late in the fourth quarter on another Capitanio run, making the score 26-21. The Golden Bears could not manage another late touchdown, as quarterback Tim Hegarty threw an incompletion into the back of the end zone on fourth-and-goal to Thomas J. Franklin ’09. MIT never trailed again, as Marcus A. Parvin ’10 intercepted a pass on fourth-and-goal in the second quarter. Brown completed a 25-yard run to the end zone to give MIT a 13-7 halftime lead.

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Lochmiller Scores Game-Winner In Overtime Against Babson

Chase J. Lochmiller ’08 scored the game-winning goal in a 1-0 victory against Babson College in a New England Women’s and Men’s Athletic Conference men’s soccer game this past Saturday. With 51 seconds left in the first overtime period, Lochmiller launched an 18-yard shot into the lower right corner of the goal that Babson goalkeeper Chris Necklas could not save.

The Engineers (7-4-1, 1-2-1) survived an overtime scare when the referees called Babson’s Tim Winn offsides just prior to his knocking a ball past goalkeeper Thomas S. Caldwell ’09. Caldwell earned five saves, recording his ninth career shutout and fourth of the season. With the victory, the Engineers avenged a pair of 5-0 losses to Babson (10-3-1, 3-1-0) from the 2006 season.

The Engineers next compete on Saturday, Oct. 20 against NEWMAC opponent Springfield College in an away game beginning at 7 p.m.

—aCaroline Huang

Men’s Golf Finishes 14th At ECAC Championship

The MIT men’s golf team finished 14th out of 15 teams at the Eastern College Athletic Conference Division III Championship this past weekend, shooting a team score of 679. Trinity College came away with the team win, totaling 599 shots over two rounds. Edward B. Keith ’09 shot the lowest two-day score for the Engineers with a 159, good for a 34th-place tie in the individual standings. Keith was 18 shots back of the medalist, Castleton College’s Bryant Smith, who recorded a total of 141.

Rounding out the scoring for MIT were Anthony G. Fowler ’09 (166), Bradley S. Brown ’08 (173), Austin L. Ostdiek ’08 (180), and Bryn L. Waldwick ’10 (189). The team has a two-week layoff before competing in the New England Intercollegiate Golf Championship in Brewer, Mass. on Monday, Oct. 22 and Tuesday, Oct. 23.

—aCaroline Huang

**THE 2ND ANNUAL ELLINGTON CHALLENGE**

**$1,500 PRIZE**

Ellington Management Group, L.L.C. is a hedge fund with world-class talent. To help us identify top programming talent, we are proposing a challenge requiring only ingenuity and programming skills. Entries will be judged both statically (on programming merit) and dynamically (on the performance of your strategy against the strategies of other participants in a simulated tournament).

**Due:** 12am Monday, October 29.

**Winner Announced:** Reception at Ellington’s headquarters in Old Greenwich, CT on Thursday, November 8th at 12 pm.

**Challenge Details:** [http://www.ellington.com/challenge](http://www.ellington.com/challenge)

Ellington is a private investment management firm which manages over $5 billion of hedge fund capital and over $24 billion of collateralized debt obligations (“CDOs”). The firm employs over 150 professionals.

Visit us at [http://www.ellington.com](http://www.ellington.com)
Sixth-Ranked Water Polo Wins Pair Over Div. I Fordham, Iona

By Jeff Lemieux

MIT's water polo team, ranked sixth nationally in Division III, defeated Fordham University and Iona College in a pair of home matches this weekend.

Victory over Div. I Fordham

Tech defeated Division I opponent Fordham University, 11-6, on Saturday afternoon in the Zesiger Pool. With the victory, the Engineers snapped a five-game losing streak and improved to 9-10 on the season, while Fordham fell to 0-12.

The win continued MIT's domination of Fordham in recent years, as Tech has emerged triumphant in 11 of the teams' last 12 meetings.

Janine M. Hopmans '08 enjoyed the first multi-goal effort of her career by supplying a hat trick as MIT's women's soccer topped Worcester Polytechnic Institute, 6-0, in the New England Women's and Men's Athletic Conference's annual battle of the Engineers. Fellow sophomore Lewis' four goals set up Hopmans' first score.

By James Kramer

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