Registration will be online for all MIT departments

Online registration intended to simplify the current paper system

By Stephanie Holden

All MIT departments are going paperless this semester with the implementation of online registration. During registration for the fall 2011 semester, Courses 4, 14, 15, 16, 18, 21W, and 24 tested the new online system. Administrators said that the online system was easy to use for both students and advisors.

Many universities have been using online registration before MIT implemented a pilot online system during the last semester.

“While on the outside looking in sometimes it seems these are easy, quick changes … MIT’s platforms were designed a long time ago and quick changes … MIT’s platforms sometimes it seems these are easy, but we hit the ground running with this,” said Callahan. She noted that 2,630 students registered online last semester, about a quarter of the total undergraduate and graduate student population.

The new registration system has been reduced from a 12-step process to four steps, and it takes information from the central database and provides personalized messages for each student. For instance, optional options for sophomores and P/F/D options for juniors and seniors are appropriately populated. This means that a major commitment of resources, said Callahan, online registration was not developed sooner because MIT was focusing on other priorities such as PE registration, admissions, and online subject evaluations.

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Renowned Spanish judge faces charges of abusing power

MADRID — Baltasar Garzon, a high-profile Spanish judge who garnered international renown by pursuing political leaders including Gen. Augusto Pinochet of Chile, was himself on trial Tuesday over accusations he abused his powers to investigate atrocities committed during the Spanish Civil War.

The case is one of three trials focusing on Garzon, who has spoken out against political corruption in Spain, especially in regions tainted by ETA, the Basque separatist group. Last year, Garzon concluded an 11-month investigation into whether ETA had ordered illegal eavesdropping as part of a corruption investigation. The case that opened Tuesday follows Garzon’s indictment by a fellow judge in early 2010 on charges that he overreached his authority in pursuit of civil war abuses.

The case, which focused on procedural issues, has drawn international resonance and criticism. Amnesty International has called the proceedings against the judge “a threat to the right to a fair and independent justice.”

Garzon is expected to be questioned Jan. 31, with the Supreme Court likely to rule two weeks later. He has denied any wrongdoing.


China says Tibetan monks provoked confrontation

HONG KONG — Deadly showdowns between Chinese security forces and Tibetans in a restive western Chinese province are a “clash of two different systems,” Chinese officials said Tuesday, outside advocacy groups reported. At least two and perhaps as many as five Tibetans were killed by gunfire and many more wounded, the officials said, in what appeared to be the most violent outbreak in the region in nearly four years.

The new confrontation, in the town of Seda was reported by Free Tibet, a London-based organization that advocates Tibetan autonomy, and by Phayul.com, a Tibetan exile web portal. The Phayul account of the Sertaile shooting said five Tibetan protesters were killed while four others were wounded, the group said.

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By Tip Gabriel, The New York Times

Gingrich tries to lure Tea Party support in Florida primary

SARASOTA, Fla. — As he moved on Tuesday to consolidate the conservative base behind him, Newt Gingrich said he was discussing the possibility of forming a coalition with a former Florida governor who quit the Republican Party to back Tea Party favorite Marco Rubio — a line that got a big reaction from crowds who were not frequenters of the act of moderate apologists.

At an event after a theatrical act of exposure for the former Florida governor’s Senate campaign, where Mitt Romney had hired the “Republican who ran Charlie Crist’s campaign.”

The line drew boos at the mentioned campaign, where Mitt Romney had hired the “Republican who ran Charlie Crist’s campaign.”

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By Justin Sink, The New York Times

IMF reduces estimates for global growth

WASHINGTON — The International Monetary Fund warned Tuesday that global growth prospects had dimmed as the sovereign-debt crisis in the eurozone entered a “pernicious new phase.”

Releasing quarterly updates of three reports on the outlook for the economy, debt and global financial stability, the fund cut its forecast for global growth this year to 3.6 percent, from the 4 percent it forecast in September, “on sharply escalating” risks emanating from Europe.

In light of that market uncertainty and sluggish growth, the fund is seeking to raise up to $580 billion in additional lending capacity for its bailout fund to at least $1 trillion from its current capacity of 440 billion euros, or about $570 billion, according to a person with knowledge of the negotiations.

Jose Vinals, director of the IMF’s monetary and capital markets department, told reporters that the fund sought to build a “global firewall” — both to help ease the euro crisis and to ensure that no bystanders to it find themselves locked out of the global financial markets.

By Helene Cooper, The New York Times

Obama sets goal of economy built for the long run

WASHINGTON — President Barack Obama pledged on Thursday night to use government power to balance the science between America’s rich and the rest of the public, seeking to present an election-year choice between his continued lead toward an economy “built to last” and a Republican argument that the country would benefit from less federal intervention.

In his final State of the Union address before he faces the voters, and at a critical moment of his presidency, Obama showcased the extent to which he will try to contrast his core economic principles with those of his Republican rivals in a time of deep economic uncertainty. With many Americans disappointed with the scale of the recovery and the president’s handling of it, he sought to persuade Americans that his pro-growth solutions remain more in tune with independent voters than much of the Republican platform.

Ordinary Americans, the president said, have the right to expect, not only that there are no threats to their head, better than to draw on the activism of the Tea Party movement. Exit polls showed voters who said they supported the Tea Party backed Romney when he won in New Hampshire, then in South Carolina on Tuesday. That may have given an advantage among Tea Party-sup- ported voters to his commanding victory Saturday.

That momentum may roll on for him in Florida, a state less conserva- tive than South Carolina, but where the Tea Party claimed an important role in the 2010 victories of Rubio and Rick Scott, the governor, for the state Republican Party.

Tea Party leaders said they had been aggressively courted by all of the Republicans, “the ones you think are a part of the establishment,”

The line from the House of Representatives, where the Tea Party claims an important role in the 2010 races for Rubio and Scott, the governor, for the state Republican Party.

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But Gingrich’s aggressive de- batos over the Tea Party’s future in South Carolina, where he directed fire at “elites” in Washington and the me- dia, people are concluding “he’s got courage,” she said. “We don’t want him to be mule-footed.”

—Situation for noon Eastern time, Wednesday, January 25, 2012
Pro-government Libyan militia routed from Ghadafi bastion

By Liam Stamm

CAIRO — Forces loyal to Libya’s interim government threwGadhafi’s last stronghold into chaos on Thursday, employing strategies of violent attacks that had been deployed for months by Gadhafi’s forces. The military council of the National Transitional Council (NTC), which has deposed Gadhafi, seized control of Bani Walid, a town in the west of the country that had been a bastion of support for the former leader. The NTC’s chief, General Abdel-Salam al-Hassi, said that the town had been taken after a fierce battle with Gadhafi loyalists.

But the battle for Bani Walid is not over yet. The town is strategically located on a major highway and is a key gateway to Tripoli, the capital. Gadhafi’s forces are expected to launch a counterattack in the coming days, according to the NTC.

Gadhafi’s forces have been intensifying their efforts to retake control of areas they lost to the NTC in recent weeks. The NTC has been forced to retreat from several key towns, including Bani Walid, in recent months.

The capture of Bani Walid is a major blow to Gadhafi’s forces, who have been unable to take the town despite multiple attempts. The NTC has been able to hold the town for nearly a year, but Gadhafi’s forces have continued to attack it periodically.

The capture of Bani Walid is also a victory for the NTC, which has been struggling to establish control over large areas of the country. The NTC has been able to capitalize on Gadhafi’s weaknesses to gain control of areas that were previously loyal to the former leader.

The NTC has been able to gain control of several key towns in recent months, including Bani Walid, Misurata, and Zliten. The NTC has also been able to make gains in the eastern part of the country, where Gadhafi’s forces have been weakest.

The capture of Bani Walid is a significant development in the ongoing conflict in Libya. The NTC is hoping that the capture of Bani Walid will help to consolidate its control over the country and pave the way for a more durable peace. The NTC is also hoping that the capture of Bani Walid will help to attract international support for its efforts to establish a democratic government in Libya.

The capture of Bani Walid is also a significant development for the international community, which has been struggling to find a way to end the conflict in Libya. The international community has been unable to agree on a strategy to end the conflict, and there have been several attempts to broker a peace agreement.

The capture of Bani Walid is also a significant development for the United States, which has been trying to find a way to end the conflict in Libya. The United States has been providing support to the NTC, and has also been trying to encourage other countries to provide support to the NTC.

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Let’s start with the obvious: as a conservative of a playing field as South Carolina, religious beliefs and conservative ideas play a big role.

Conservatives aside, something more significant must have happened in the days leading up to the primary. Various polls conducted on Jan. 15 through 20 show Romney having a significant edge on Gingrich up until a few days before Jan. 21. The numbers are as follows (Gingrich/Romney): Jan. 15 (20 percent/31 percent), Jan. 17-18 (33 percent/32 percent), Jan. 18 (33 percent/30 percent), and Jan. 20 (28 percent/31 percent), and Jan. 20 (40 percent/29 percent). After five days, the results flip in a shocking manner.

This lines up with the exit polls finding that 55 percent of voters decided in the last few days that they would vote for Gingrich. What is difficult to explain is here is both candidates’ religious and political ideologies were clearly known well in advance of the primaries, so that cannot be the reason (unless South Carolina is a revelation in mass, on the eve of the primary, that Romney is a Mormon and that Mormonism is not the same thing as born-again Christianity or evangelism). One logical explanation for this sudden shift is the PAC ads supporting Gingrich, which were extremely emotional, rather than the PAC ads supporting Romney. But the interesting thing is that the super PAC supporting Romney was very hard to pin down rippling Gingrich, so it’s pretty hard to dismiss it as not being effective than the other. It might indeed be more effective, but to the extent of tipping the votes this significantly? I don’t think so.

I think one of the most significant — if not the most significant — reasons for this substantial and unprecedented flip is something that cannot be quantized by voting patterns and percentages. Rather, it is something inherently human, mostly guided by instincts, and very rebellious in the way that people solve problems. It relies upon the beliefs that they stem from rather than the votes.

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LETTERS TO THE EDITOR

The Kneebone in a bridge to our future

History teaches us that we must be careful when we are thinking of our own security. When the intercontinental railroads were first proposed, many people feared that they would be a waste because most of the time the expensive steel tracks just sit there unused. However, the combination of visionary thinkers and military desire to settle the wrong ranks for the team “Too Big To Fail.” They finished second, not fourth. There were 40 teams participating in the tournament, not 33.

Abortion, also caused stark differences in voting patterns. While the majority of those who thought abortion should at least be legal voted for Romney, those in the opposite camp voted for Gingrich. Voters supporting the Tea Party went with Gingrich, while those opposing went with Romney.

GOP Primaries take an interesting turn

While the slippery hydrocarbon crowd anywhere we wanted in the world? We could place missiles and troops about launching flocks of GPS satellites we remember the crazy idea of the AR-Pioko linking defense computers? At least last week, we were not caught off guard by the seeming ubiquitousness of the AR-Keinbone in a bridge to our future. So we could place missiles and troops anywhere we wanted in the world? We could launch flocks of GPS satellites anywhere in the world. Could we have brought our intercontinental imported oil and help greatly reduce our dependence on a keystone in a bridge to our future. It can strategic national importance as it is the feed their power into the new spine of the nation. The added cost of the connection should be considered as an investment by the pipeline financiers, who will pay for themselves through it. One day the wind farms will provide much of the electricity needed for a nation whose cars run on electricity and then the oil pipeline can be turned off, and the electricity can be used more money than ever.

The best way to combine a new electric power trunk line is of strategic national importance as it is the spine in a bridge to our future. It could greatly help reduce our dependence on intercontinental imported oil and help rebuild our domestic manufacturing power by mobilizing hundreds of thousands of skilled workers who will not only rebuild the pipeline, but also build, maintain and maintain hundreds of wind turbines to generate the hundreds of thousands of MW of electrical power we must to power us back to the future.

Professor of Mechanical Engineering

Letters to the editor

Established 1881

The Tech Wednesday, January 25, 2012

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Printing quotes will change

The UA Committee on Technology and Information Services & Technology (IT & ST) will be launching a semester of feedback gathering, discussion, and review, the page quote for printing is going to be replaced with “soft quota.” Effective Registration Day of the Spring semester, registered students will be able to print above 3,000 pages a year without being charged; students going over the 3,000-page quota may Printing, Page 5

OPINION POLICY

Editorials are the official opinion of The Tech. They are written by the Editorial Board, of which Hinduja ’11, Meehan ’11, Joseph Maurer, Editor in Chief Ethan Solomon, Managing Editor Connor Kirschbaum, Executive Editor Aislyn Schalck, and Editorial Board Editors Nina Sinatra and Ryan Normandin.

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

Letters to the editor, columns, and editorial cartoons are handled individually and represent the opinions of the individuals and of The Tech. They are not necessarily that of the newspaper. Electronic submissions as well as printed and should be sent to news@tech.mit.edu. Hard copy submissions should be addressed to The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029, and sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must be signed by the authors’ signatures, addresses, and phone numbers. Unsigned letters will not be accepted. The Tech reserves the right to edit or condense letters, shorter letters will be given higher priority. The Tech reserves, all letters become the property of The Tech, and will not be returned. Letters, columns, and cartoons may also be published in any other form or medium now known or later that becomes known. The Tech makes no commitment to publish all the letters received.

Guest comments are opinions submitted by members of the MIT or local community.

To Reach Us

The Tech’s telephone number is (617) 253-1545. E-mail is the easiest way to reach the editors. Mail should be sent to the Tech to whom to contact, send mail to generaltech@mit.edu, and it will be directed to the appropriate person. You can reach the editor in chief by e-mailing, editor@tech.mit.edu. Please include press releases, requests for coverage, and information about errors that call for correction to news@tech.mit.edu. Letters to the editor should be sent to letters@tech.mit.edu. The Tech can be found on the World Wide Web at http://tech.mit.edu.
Instead be contacted by IS&T and the UA to find out more about what drives their printing needs and to suggest solutions that might be more resource efficient for bulk printing. A firm 3,000 page quota will remain in effect for non-students using Athena printing resources. IS&T and the UA will continue reviewing printing activity and will revisit the issue of non-students printing to Pharos printers over the summer.

When the quota was first considered last year, the primary motivation was to create a disincentive for excessive printing. 3,000 pages a year was chosen as a number that should suit the vast majority of legitimate student needs and that would thus not actually affect the majority of students. Several months into the fall semester, aggregated statistics from Pharos printers indicated that this has indeed remained the case, with the vast majority of users printing well below a rate that would cause them to exceed the quota.

Members of the UA Committee on Technology met with representatives of IS&T over the fall to discuss various aspects and features of Pharos printing, including student feedback regarding the quota. While many of the effects of the quota appeared to be favorable, students were concerned about the stress of having one’s account accidentally charged. Additionally, the effects on certain student groups who have traditionally used printers for their legitimate needs had not been fully realized. It was therefore decided that it would be most appropriate to maintain a soft quota that would still result in the desirable speed-ups, without placing a large amount of stress or inconvenience on students with legitimate printing uses.

IS&T and the UA will continue as always to listen to feedback and periodically review Pharos printing as issues arise. To voice a concern or provide feedback about Pharos printing, please email student-printing-feedback@mit.edu.

Leonid Grinberg
Chair, UA Committee on Technology

In GOP, all eyes on Florida

Anil, from Page 4

be the ultimate and inevitable nominee of the Republican Party. Political analysts put Romney’s likelihood of winning the primaries at the mid-ninety percent region, with Gingrich at a likelihood of winning at about five/six percent. It could be that the word “inevitable” pushed the voters to a state of rebelliousness and made them go against the establishment. Not wanting to bow down to how things have been for some time now, South Carolinians may have had a sudden urge to resist the system, push back, and go with another candidate that was more in tune with their political and religious beliefs and a seemingly viable alternative to Romney. Recent national polls also showed a similar change as Romney’s support decreased nationally while Gingrich’s support went up.

It is important to note that Romney is still leading in the nationals by a wide margin and is seen by many, including Republicans, Democrats, and Independents, as the only candidate that could stand a true fighting chance against Obama. Many voters that went with Obama in ’08 are now considering going with Romney for the sole purpose of not having Obama as President for another term.

With its more diverse and dense population, Florida is the next state in line to have its primary. Current polls show that Romney is ahead of Gingrich, but we have just witnessed how quickly the tides can turn. I will stand by what I said in my last article and argue that Romney will in fact be the “inevitable” victor of the primaries. This is not because he is the perfect Presidential candidate — neither is President Obama — but because he would be the most electable and most competitive candidate the GOP has to offer.
**Pickup lines? Try meaningful conversation**

The secret to a successful relationship is becoming meaningful conversation. Ask ChAChA

**By Jacqueline “Chacha” Durazo**

Hello lovely readers of The Tech! This week I'm going to tell you about how to get to know someone better whom you find romantically interesting. This article is advice for someone interested in a potential relationship, so if your tips on one-night stands or random hook-ups, you might want to look elsewhere.

As MIT students, we all know some awfully geeky pickup lines such as “I wish I were your derivatlve so I could be tangent to your curve,” but I’ve only heard them used in a joking manner. We all poke fun at how nerdy MIT can be at times. However, it’s sometimes a distraction from being honest about how one actually feels about another. Oftentimes, people say lines like the above when they are really thinking, “Haha, look at me, I’m using this really nerdy line, but really, I want to get to know you better,” so the question becomes, how do you actually do that?

Honestly, I feel like pickup lines are just a general don’t unless you want to come across as a stereotypical frat boy. Guys using pickup lines hit on me before, but I’ve never taken them seriously. Sure, I’ve been flattered, but I instantly think, “How many others have you used that on?” I went into this for the second time two summers ago. A girlfriend and I traveled together, and over the trip we became acquainted to the flattery and words of Italian men. But by no means did we ever consider ourselves “special.” Those men do that to women of all shapes, sizes, and ages, it’s a great ego-booster! So while they caught our attention, they retained it but for a moment. If you really want to get to know someone and maybe go out on a date, there isn’t a quick method. Like baking a cake, there are several steps to asking someone out.

Say you meet someone in a situation where you could see them repeatedly (a class, recitation, club, etc.). That’s great! Make an effort to sit next to them. Maybe arrive close to when the class starts, so you can just slip into the room and pull up a seat. Or, if they’re the early type, make an effort to arrive early! Use the common ground of the class/club/group as an initial topic of conversation. Pay attention to what the other person is saying so you can add onto what they just mentioned or suggest something else they might like given their known interests.

Don’t force a conversation. We all have days where we’d just prefer to be quiet. ‘That’s okay! There will be plenty of other opportunities to talk. If you really want to say something, at the end of class you can say something like “Hey, you seem a little down. If you ever want to talk, I’m all ears. Might be interested in something else they might like given their known interests.

I firmly believe the best relationships are those formed first in friendship and then develop into something more. When that happens, you feel comfortable enough with the other person that you can say, “Hey, you’re being a douche bag. Stop that!” With such freedom to call the other person out, you can say something like “Hey, you seem a little down. If you ever want to talk, I’m all ears. Might be interested in something else they might like given their known interests.

Although, I wouldn’t stress that point if you haven’t conversed much. I’d feel comfortable texting/emailing someone after I’ve spoken with them a handful of times, assuming the conversations haven’t been only two minutes long.

If however, you find yourself regularly chatting with an interesting person, and you want to see them outside of class, p-set buddies are the greatest! Having something like a class in common is a super easy way of socializing with your person of interest. My boyfriend and I met by taking the same class. I saw that he was good in the class and I knew I needed help; he saw that I was cute or... I’ve only heard them used in a joking manner. Still, the rest was history!” That brings me to my next point: go slowly. But not too slowly — as in you can’t just wait around for the other person to suggest options for getting together. You need to be actively involved in creating reasons to see the other person, “can you help me with this p-set?” or, “shall we grab lunch together and then work?”

I firmly believe the best relationships are those formed first in friendship and then develop into something more. When that happens, you feel comfortable enough with the other person that you can say, “Hey, you’re being a douche bag. Stop that!” With such freedom to call the other person out, both of you have extremely clear lines of communication, which is essential. Basically, give it some time to naturally develop. Do things together to better your understanding of the other person. And when you’re on the West Coast and your “friend” on the East Coast is rising up until 2:30 a.m. just to catch you for a moment before you go to bed, when he has to be up for work at 7 a.m., I think it’s time you had a talk about the future of your relationship.

A quick summary of key points:

- Be leery of using pick-up lines, as they can often make you come across very differently than you intended.
- Start conversations: first in class by sitting near them/teaming up with them, then as p-set buddies outside of class (exchange numbers and emails), and then just hanging out for fun. Don’t stress romance!
- Grow the friendship first, and then see where it goes.

Thanks for reading! Again, feel free to email me at askchacha@tech.mit.edu with any requests. Catch ya’ next week!

By Jacqueline “Chacha” Durazo

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**Do you like telling stories about your life?**

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**EVENTS**

**JAN. 25 – JAN. 31**

**WEDNESDAY**

12:00 p.m. – 1:30 p.m. The Feynman Films: Symmetry in Physical Law — 6-122
12:30 p.m. – 1:30 p.m. The Class of 2015 – Tips for a Successful Sophomore Year Experience — 4-169

**THURSDAY**

2:00 p.m. – 4:00 p.m. The Office of Minority Education and UROP host the UROP Expo — Kresge Lobby
7:30 p.m. – 9:30 p.m. Roadkill Buffet’s IAP Improv Comedy Workshop — 5-217

**FRIDAY**

8:00 a.m. – 3:30 p.m. Council on Staff Diversity & Inclusion, Committee on Race and Diversity present the Institute Diversity Summit 2012 — 10-260
2:00 p.m. – 4:00 p.m. LIFE AFTER MIT: Taking the next step in academic science, advice on obtaining grants — 68-181

**SATURDAY**

12:00 p.m. – 4:00 p.m. First Clinic VIII: Fix your broken stuff or learn more about it by disassembling it — 4-409

**SUNDAY**

4:00 p.m. – 5:00 p.m. Torcha Social Singing, M.I.T.’s Jewish Hebrew/Israeli a cappella group — Lobby 10

**MONDAY**

3:30 p.m. – 4:30 p.m. How to Find a UROP: Learn about UROP and how to find a UROP project that is the right fit — 4-145
12:00 p.m. – 1:00 p.m. Tech’s Top Teachers’ Talk Turkey: a session with some of MIT’s best teachers about how to teach well — 3-103
4:40 p.m. – 5:00 p.m. MIT/ENGIE (Infinite Sunsets); don’t block the corridor — 3rd floor, Infinite Corridor Building 8

**TUESDAY**

10:00 a.m. – 11:30 a.m. Response and Revision: Helping Students Develop their Ideas in Writing — 12-134
3:30 p.m. – 5:00 p.m. IAP Math Music Recital: the math department’s annual music recital — Killian Hall
As married couples grow older, they gradually adopt a mindset that pits them against the world and makes them believe that everyone is out to get them. Families grow into units that each have their own ideals and ways of dealing with different situations, and this makes conflict amongst families inevitable. In Roman Polanski's new film Carnage, this truth is put on display for viewers to evaluate and ridicule.

Despite its seasoned cast (Kate Winslet, Jodie Foster, Christoph Waltz and John C. Reilly), Carnage is refreshingly experimental. The 80-minute film takes place entirely in one setting, which leaves the story to speak for itself. Polanski runs the risk of boring the audience by having little movement in anything but the plot, but fortunately, the movie is anything but. From hilarious dialogue to situations that every couple can relate to, Carnage is a bold statement that you don't need seizure-inducing action scenes or steamy romance scenes to entertain audiences.

Jodie Foster and John C. Reilly play a blue-collar couple whose son has been "disfigured," their drastic exaggeration, by the son of a white-collar couple, Kate Winslet and Christoph Waltz. The rest of the film displays how these two couples deal with the repercussions of their children's spat. Foster is unbelievable at portraying an overprotective, almost neurotic, mother and Reilly is a very convincing jolly, run-of-the-mill husband. Unfortunately, Waltz's performance in Inglourious Basterds was too haunting for me to be able to accept him as just an arrogant executive, and his American accent needs more practice. Nonetheless, his mannerisms won me over and fit well with his character's ego. Winslet was perfection.

Without the distraction of constant scene transitions, Polanski is able to experiment with the camera angles and depth of field. Interestingly, we can constantly see the facial expressions of one spouse as the other speaks, which tells us more about the characters than what they say aloud. In another segment, a strategically placed mirror in the front of the main room allows us to see a reflection of an outraged, blurry Reilly yelling in the background while Winslet's reactions are shown in front of the mirror. These unique shots help us understand and empathize with each of the characters.

There are many ways to analyze this film. It introduces the problems that arise when two families of different backgrounds are forced to deal with an uncomfortable situation. It also tackles the issue of technology invading our lives, as Waltz's character answers a phone call every few minutes. But the most profound idea is that we need to take ourselves less seriously, and the film teaches us this by doing something rare, making fun of its audience.

Carnage
Directed by Roman Polanski
Starring Jodie Foster, Kate Winslet, Christoph Waltz and John C. Reilly
Rated R
Now Playing

Know something important we should write about?
(We probably don’t know about it.)
Let us know.
news@tech.mit.edu

Class starts 2/14/12 at 8pm
La Sala
Student Center
Be there and be square
MOBILE REVIEW

Happy New Year, Maggie Thatcher?
The Iron Lady is well done, if not bordering on insensitive

By Kathryn Dere
ARTS EDITOR

While many movies focus on the private life behind a public figure, The Iron Lady focuses on the private life of a woman already retired from the spotlight. In keeping with the recent trend of making films about contemporary (Brit- ish) politicians and royalty, this Margaret Thatcher biopic skilfully weaves fact and a great deal of artistic liberties to create a portrait of the first female prime minister of the UK.

The Iron Lady traces Thatcher’s life from her teens to her later years, a series of flashbacks that the present Baroness Thatcher (Meryl Streep) experiences through a period of three weeks. The “Iron Lady” presented here, however, is different from the days. The “Iron Lady” presented here, however, is different from the inhuman force that sparked the women’s movement in the 1970s.

These vulnerabilities play out through the men in Thatcher’s life. On the most immediate level, the film presents her husband as a hallucination that she both needs and struggles against. Deeper in her past is her father, who is little more than a voice, but still powerful. “Never run with the crowd, Margaret. Go your own way.”

Meryl Streep and Jim Broadbent play Margaret and Denis Thatcher in The Iron Lady.

VIDEO GAME REVIEW

Looking for a story? Bastion delivers.
Superior storytelling and satisfying gameplay make this game well worth those $15

By Keith Yost
NOVEMBER

To me, the hallmark of a good work of fiction is the feeling of empathy I feel when I complete it. Being severed from a well-constructed fantasy should induce a moment of existential panic in even the most stoic of men. By that metric, Bastion, a video game from Supergiant Games currently on offer for a mere $15, has one of the best stories I’ve encountered in at least a year.

In this third-person action-RPG, you play as The Kid, a silent protagonist on a mission to assemble the Bastion, a sort of Noah’s Ark / doomsday failsafe, in the wake of an unexplained apocalyptic event. Along the way, you obtain new weapons and combat skills, meet other survivors, unlock various upgrades and perks, and uncover more information about the events preceding the game as well as back story on yourself, the others you meet, and the world you inhabit.

It’s hard to think of a dimension in which Bastion fails to deliver. The story-line, already excellent, is delivered by a gravelly-voiced old man, who also serves as an in-game, dynamic narrator of your playthrough each level. The soundtrack is amazing — in the era before Napster and Bittorrent, it would have been the sort of unexpected on offer for a mere $15 in the era before Napster and Bittorrent, it would have been the sort of

The story-line, already excellent, is delivered by a gravelly-voiced old man, who also serves as an in-game, dynamic narrator of your playthrough each level.

pressing, timing, and good decision making. The game’s array of enemies and weapons are both diverse and distinct, making it important to pick the right tools and play techniques for each level.

Where Bastion has weaknesses, the story-line, already excellent, is delivered by a gravelly-voiced old man, who also serves as an in-game, dynamic narrator of your playthrough each level. The soundtrack is amazing — in the era before Napster and Bittorrent, it would have been the sort of

Bastion
Published by Warner Bros.
Interactive Entertainment for Windows, Xbox Live Arcade, Google Chrome

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Students learn how to work with clay and pottery wheels as part of the IAP Beginning Potter’s Wheel class, offered by the MIT Student Art Association.
Dinosaur comics by Ryan North

There’s a lot of out-of-copyright characters I can borrow! I count at least 20.

Hey the Bible is out of copyright by like a thousand of your earth years.

Whoah, God says I can rip off the Bible!

Okay so what characters are in it? There’s you, obviously, and that bro who built the big boat.

Okay, but what was his name?

Okay focus on Isaac instead

You sick ...
of what?

Huh?

I know you’re doing this on purpose
T-Rex you know what just use Ruth

Okay! I will use that feeling of pity or grief, but which bible character should I have been ruth and/or ruthless?

Aaron?

Huh? What sort of errand?

Later:

Hah hah hah!!

Crossword Puzzle: “Macroeconomic”

By Bruce Venzke, Solution, page 14

ACROSS
1 Does’ beaus 58 Reagan cabinet member
2 Tiny amount 59 Down knee link
4 “Well, golly!” 60 Letters next to 0
6 Elton John theater score 61 Home of the Wichita Mts.
9 December season 62 Unconditional
10 Workplace regulating org. 63 Noun suffix
14 Compás direction 65 What a battery may be made up of
16 Compass direction 67 1+ 4= 12
17 Fort in Goldfinger 1+ 5= 6
19 ___ tu 180x
20 Subject in tort law 24x
21 Perform penance 1-1= 5
22 ___ Haul competitor 2+ 4= 6
23 Left behind, perhaps 2+ 5= 7
25 “Need ___ on?” 2+ 6= 8
26 “Need ___ on?” 2+ 7= 9
30 On ___ with (comparable to) 2+ 8= 9
32 On ___ with (comparable to) 3+ 1= 4
34 On ___ with (comparable to) 3+ 3= 6
35 On ___ with (comparable to) 3+ 4= 7
36 On ___ with (comparable to) 3+ 5= 8
38 On ___ with (comparable to) 3+ 6= 9
39 On ___ with (comparable to) 3+ 7= 10
41 On ___ with (comparable to) 3+ 8= 11
42 On ___ with (comparable to) 3+ 9= 12
43 On ___ with (comparable to) 3+ 10= 13
45 On ___ with (comparable to) 3+ 11= 14
49 On ___ with (comparable to) 3+ 12= 15
51 On ___ with (comparable to) 3+ 13= 16
53 On ___ with (comparable to) 3+ 14= 17
55 On ___ with (comparable to) 3+ 15= 18
57 On ___ with (comparable to) 3+ 16= 19
59 On ___ with (comparable to) 3+ 17= 20
61 On ___ with (comparable to) 3+ 18= 21
63 On ___ with (comparable to) 3+ 19= 22

DOWn
1 Grammy nominee, maybe 1-1= 5
2 Vahalla VIP 1-3= 4
3 Farming prefix 13+ 1= 14
4 Controls one’s emotions 39+ 1= 40
5 Handles OK 39+ 2= 41
6 Start to stir 39+ 3= 42
7 Depend on 39+ 4= 43
8 Revered one 41+ 1= 42
9 Urban bail 41+ 2= 43
10 Pitched perfectly 41+ 3= 44
11 In good shape 41+ 4= 45
12 That being the case 41+ 5= 46
13 Luck and Pluck author 41+ 6= 47
14 Part of NIMBY 41+ 7= 48
15 Ruck ___ (Chinese cabbage) 121+ 1= 122
16 121+ 2= 123
17 ___ Seiz (Chinese cabbage) 121+ 3= 124
18 ___ Gues bad 121+ 4= 125
19 ___ Gues bad 121+ 5= 126
20 ___ Gues bad 121+ 6= 127
21 ___ Gues bad 121+ 7= 128
22 ___ Gues bad 121+ 8= 129
23 ___ Gues bad 121+ 9= 130
24 ___ Gues bad 121+ 10= 131
25 ___ Gues bad 121+ 11= 132
26 ___ Gues bad 121+ 12= 133
27 ___ Gues bad 121+ 13= 134
28 ___ Gues bad 121+ 14= 135
29 ___ Gues bad 121+ 15= 136
30 ___ Gues bad 121+ 16= 137
31 ___ Gues bad 121+ 17= 138
32 ___ Gues bad 121+ 18= 139
33 ___ Gues bad 121+ 19= 140
34 ___ Gues bad 121+ 20= 141
35 ___ Gues bad 121+ 21= 142
36 ___ Gues bad 121+ 22= 143
37 ___ Gues bad 121+ 23= 144
38 ___ Gues bad 121+ 24= 145
39 ___ Gues bad 121+ 25= 146
40 ___ Gues bad 121+ 26= 147
41 ___ Gues bad 121+ 27= 148
42 ___ Gues bad 121+ 28= 149
43 ___ Gues bad 121+ 29= 150
44 ___ Gues bad 121+ 30= 151
45 ___ Gues bad 121+ 31= 152
46 ___ Gues bad 121+ 32= 153
47 ___ Gues bad 121+ 33= 154
48 ___ Gues bad 121+ 34= 155
49 ___ Gues bad 121+ 35= 156
50 ___ Gues bad 121+ 36= 157
51 ___ Gues bad 121+ 37= 158
52 ___ Gues bad 121+ 38= 159
53 ___ Gues bad 121+ 39= 160
54 ___ Gues bad 121+ 40= 161
55 ___ Gues bad 121+ 41= 162
56 ___ Gues bad 121+ 42= 163

Dinosaurs by Ryan North

Sudoku Solution, page 15

Techdoku Solution, page 15

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.

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.
Least Action Principle by Amanda Aparicio

AWKWARD GESTURES GUIDE
based on Severity of Situation

SMBC: Saturday Morning Breakfast Cereal

The road was a metaphor for the transition to womanhood.
Police Log

The following incidents were reported by the Campus Police between Oct. 20, 2011 and Dec. 21, 2011. The dates below reflect the dates the incidents occurred. This information is compiled from the Campus Police's crime log. The following incidents were reported by the Campus Police between Oct. 20, 2011 and Dec. 21, 2011. The dates below reflect the dates the incidents occurred. This information is compiled from the Campus Police's crime log.

Nov 17 Bldg. W8 (Pierce Boat House, 409 Memorial Dr.) 1:00 p.m., Bike stolen. Report taken.
Nov 17 Bldg. 26 (60 Vassar St.) 3:00 p.m., Larceny of laptop computer.
Nov 17 Bldg. E51 (70 Memorial Dr.) 4:00 p.m., Larceny of iPad in CSAIL area in Stata. Report taken for larceny.
Nov 17 Bldg. 32 (Stata Center, 32 Vassar St.) 9:30 p.m., Books and gym clothes stolen.
Nov 18 Bldg. W20 (Student Center, 291 Vassar St.) 1:20 p.m., Stolen bicycle from Bexley courtyard.
Nov 18 Bldg. W51 (Burton-Conner House, 410 Memorial Dr.) 11:25 p.m., Report of pizza sign stolen from delivery vehicle.
Nov 18 Bldg. E51 (70 Memorial Dr.) 11:56 a.m., Report of a suspicious male in the area.
Nov 19 Bldg. W28 (Student Center, 32 Vassar St.) 1:00 p.m., Reporting party reports a stolen bike, secured with a cable.
Nov 19 Bldg. W8 (Pierce Campus, 291 Vassar St.) 1:28 p.m., Report of harassing e-mails. Dispatched sector one.
Nov 19 Bldg. 2 (182 Memorial Dr.) 9:24 p.m., Report of two suspicious encounters with the same male near Kresge Auditorium.
Nov 20 Bldg. W28 (Student Center, 84 Massachusetts Ave.) 8:37 a.m., Vandalism to men's bathroom in the basement. Dispatched sector three and four.
Nov 20 Bldg. W2 (84 Massachusetts Ave.) 5:35 p.m., Officer takes report of e-mail harassment.
Nov 20 Bldg. E55 (6 Wadsworth St.) 10:40 p.m., Money stolen from wallet. Dispatched sector one.
Nov 20 Bldg. 32 (Stata Center, 32 Vassar St.) 1:20 p.m., Officer reports a possible level three sex offender in area.
Nov 21 Bldg. 6 (182 Memorial Dr.) 5:38 p.m., Report of a suspicious person in Infinite鹦鹉科. Report taken for trespass.
Nov 22 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 12:34 p.m., Debit card fraud.
Nov 23 Massachusetts Ave. and Vassar St. 10:64 a.m., Man was seen looking into vehicles.
Nov 23 Bldg. 32 (Stata Center, 32 Vassar St.) 4:50 p.m., Report of a possible suspicious person.
Nov 23 Bldg. 6 (182 Memorial Dr.) 5:38 p.m., Report of laptops stolen from lab.
Nov 24 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 12:31 p.m., Debit card fraud.
Nov 24 Bldg. 2 (182 Memorial Dr.) 9:24 p.m., Report of two suspicious encounters with the same male near Kresge Auditorium.
Nov 25 Bldg. 26 (60 Vassar St.) 8:38 a.m., Homeless man is in the men's room in building 26. Trespass warning.
Nov 28 Bldg. 32 (Stata Center, 32 Vassar St.) 1:30 p.m., Laptop stolen from unlocked office area.
Nov 28 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 1:00 p.m., Stolen laptop. Report taken.
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Embryonic stem cells used in humans for the first time

By Chelsea Conoboy
THE BOSTON GLOBE

Researchers at the University of California Los Angeles and Advanced Cell Technology in Marlborough have become the first to publish a study involving the use of embryonic stem cells in humans.

The study, published online Monday in the British medical journal The Lancet and involving two patients, was designed to test the safety of injecting the cells into patients with degenerative eye conditions.

In both patients, the cells behaved as expected after four months, with no safety concerns arising, the researchers reported.

The study provides a boost for the beleaguered field of embryonic research.

The patients were the first in trials that will study the use of cells in 24 people.

The other patient showed improvement in reading a vision chart. “In these advanced patients it would be hard to expect much improvement, but we’re surprised,” Lanza said.

The study provides a boost for the beleaguered field of embryonic stem cell research but must be viewed cautiously, said Dr. George Q. Daley, director of the Stem Cell Transplantation Program at Children’s Hospital Boston and a faculty member at the Harvard Stem Cell Institute.

“We’re all enthusiastic to see actual trials of cells based on human embryonic stem cells,” he said, “but really it’s far too preliminary to conclude anything other than that more studies are warranted. What we have to do is temper our hope with real skepticism.”

The researchers injected one eye of each patient with specialized eye cells derived from embryonic stem cells, which promote the health of photoreceptors in the eye. One, an adult woman, had Stargardt disease, a form of inherited juvenile macular degeneration. The other had age-related macular degeneration.

Dr. Robert Lanza, an author of the study and chief scientific officer at Advanced Cell Technology, a publicly traded company that funded the research, said the fact that the patients both reported improvements in their vision was a bonus, though he acknowledged that some of the changes could be attributed to the placebo effect, or the patient’s own expectation for improvement as a result of the study.

The patient with Stargardt disease could detect hand motion before the injection. Within two weeks after that, she could count fingers, the study said. She also reported improvements in her ability to detect color with the injected eye. There was no change in her other eye, the study said.

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The study authors said the goal of the study was to test the safety of the cells derived from embryonic stem cells, which promote the health of photoreceptors in the eye. One, an adult woman, had Stargardt disease, a form of inherited juvenile macular degeneration. The other had age-related macular degeneration.

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Starts February 7th

15 students maximum.
1st and 2nd year undergraduates receive priority enrollment
Contact Prof. Hammer (hammer1@mit.edu) for more information.

Enroll now!
Online registration for all departments

Registration, from Page 1

The MBTA board has announced that the agency needs to cut its budget by 74% by July 1. The board has decided to increase fares by 50% to help reduce the deficit.

"Our goal is to continue to believe that face-to-face interaction is the right thing to do."
— Mary Callahan-Regan

The MBTA's last fare increase in 2007 was also announced. One poster suggested better monitoring of buses — empty buses often line up "bumper to bumper" at the stops, but during peak hours, riders might have to wait up to half an hour for the next bus.

Callahan said, "Our goal is to continue to believe that face-to-face interaction is the right thing to do." Gary King, undergraduate academic advisor for Course 14, stated that faculty advisors in his department did not approve registration until they met with their students. "I think almost everyone agrees that face-to-face interaction is essential," he said. He was very pleased with the system and said there were no glitches at all. However, there are other processes that would like to see streamlined and automated in the future, such as the completion of a HASS concentration.

Students are currently required to meet up with an advisor twice to discuss their HASS concentration — once to approve the classes for the concentration, and once to verify "completion" of the concentration. King suggested that students should still meet with advisors for the proposal, but the completion should be automated.

Callahan said that one of the next steps will be to make forms and petitions available online. The Office of the Registrar is also planning to take feedback from advisors and students once again to understand which parts of online registration are working and which parts could use improvement.

T fare hike possible

MBTA must balance budget by July

MBTA fares, from Page 1

Although 51% of the students were satisfied with the system and said they were pleased with the system, many students continued to believe that face-to-face interaction is the right thing to do. "I think almost everyone agrees that face-to-face interaction is essential," he said. He was very pleased with the system and said there were no glitches at all. However, there are other processes that would like to see streamlined and automated in the future, such as the completion of a HASS concentration.

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A random sampling of people you’ll meet during a typical dinner at The Tech:

Elijah, Course 1
Greg, Course 8
Ryan, Course 17

Joy, Course 2
Ethan, Course 9
Jeff, Course 18

Nina, Course 3
Maggie, Course 10
Jack, Course 19

Jenny, Course 4
Vince, Course 12
Anlyn, Course 20

Eliza, Course 5
Jeff, Course 14
Jessica, Course 21

Joe, Course 6
Maggie, Course 15
Keith, Course 22

Jeyung, Course 7
Steve, Course 16

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Solution to Sudoku

from page 10

| 7 4 9 3 5 8 2 1 6 | 5 1 6 3 4 2 2 4 3 |
| 6 8 1 7 4 2 3 9 5 | 2 4 3 6 1 5 |
| 3 5 2 1 9 6 8 4 7 | 1 3 2 5 6 4 |
| 2 5 3 6 4 1 7 8 9 | 4 6 5 2 3 1 |
| 8 5 7 1 5 4 3 6 9 | 6 2 1 4 5 3 |
| 4 3 5 1 9 6 2 7 8 | 3 5 4 1 2 6 |
| 9 6 2 3 7 5 1 4 8 | 7 9 8 6 3 4 5 1 |

Solution to Techdoku

from page 10

| 5 1 6 3 4 2 2 4 3 |
| 2 4 3 6 1 5 |
| 1 3 2 5 6 4 |
| 4 6 5 2 3 1 |
| 6 2 1 4 5 3 |
| 3 5 4 1 2 6 |

http://www.mbta.com/about_the_mbta/}

Black Tea Infusion.

Black Tea Infusion.

The winning flavor was "Messrs Bentry and Lolpert’s Silk Road Hipster Hummus with Grapefruit Black Tea Infusion."
Men’s Basketball falls to WPI, 80-68

MIT Engineers took their first loss of the season last Saturday

By Shri Ganeshram

Last Saturday, the MIT men’s basketball team (16-3, 1-1) tarnished its record with its first loss of the season to WPI.

MIT started well, leading 29-21 with nearly eight minutes remaining in the first half. With over 60 percent field goal shooting, scoring five of five from beyond the arc, the Engineers were doing great. WPI, however, succeeded in the right parts of the game: field goals and free throws, offensive rebounding, and number of turnovers. WPI held MIT’s offensive efforts to 41-37 in the first half. With over 60 percent field goal shooting, scoring five of five from beyond the arc, the Engineers were doing great. WPI, however, succeeded in the right parts of the game: field goals and free throws, offensive rebounding, and number of turnovers. WPI held MIT’s offensive efforts to 41-37 in the first half.

MIT started the afternoon with an impressive win in the 200 meter relay. The team of Iann Tuan ’15, Galley L. Murphy ’14, Anna X. Kokoszakpi’13 and Christine K. Rogers ’14 turned in a time of 1:48.36, one of the fastest times that MIT has clocked at this point in the season.

Kokoszakpi and Rogers went on to win three individual events each for the Engineers. Kokoszakpi started with a triumph in the 200 fly, taking the race in 2:09.49. She won the 100 fly with a clocking of 58.54 seconds, before finishing the three wins off with a 2:12.19 time in the 200 IM race. Rogers picked up a pair of wins in freestyle events, taking the 100 in 1:07.38 and the 50 with a time of 30.88. Her third victory came in the 50 free where she touched first in 24.72.

Tuian also had a strong day for MIT, winning a pair of individual events. She started with a win in the 100 backstroke, taking the race with a time of 1:02.26. She later took the 50 back, coming in with an effort of 27.47. Jane W. He ’15 completed an MIT sweep in the backstroke events, swimming a strong 2:10.92 in the 200. In diving, junior Blue A. Shaw ’13 won the 1-meter competition for the Engineers. She won a close one, totaling 253.72 points to win by less than one point over the leader from Tufts.

Emily A. Ryan ’14 was one of the three-event winners for MIT. She started the meet in impressive fashion when she won the 1,000 free in a time of 10:57.71.

In a matchup of Top-20 teams it was the No. 6 MIT women’s swimming and diving squad that came out on top as it defeated No. 18 Tufts by a final margin of 167-105. Three Engineers won three events each to lead MIT to the win as it improved to 7-0 in dual meets this season.

By Phil Hess

The MIT Men’s and Women’s Track and Field teams competed at the Springfield Invitational on Saturday.

The fifth-ranked women’s team finished in first place by a wide margin, with 103 points to runner-up Tufts 88.

The Engineers won eight, and finished in the top five in 16, out of the 18 events. Each first-place finish earns ten points, the second through sixth places earn eight, six, four, and one point, respectively. Portia M. Jones ’12 won three events, 60-meter hurdles, 200-meters, and the 4x200 relay — and set a national record in the hurdles with a time of 8.82 seconds.

The tenth-ranked men’s team also finished first, scoring 116 points and also winning eight events. In the 600-meter run, the Engineers swept the first four places, with Patrick K. Marx ’13, Samuel C. Parker ’15, David H. Way ’13, and Brian M. Gager ’14 each crossing 28 of MIT’s points in the event.

MIT will participate two events next weekend: the Terrier Classic at Boston University, and the first Coast Invitational of the season at home.

—from Zhum, Sports Staff