Students from China differ on Hong Kong’s protestors

Yellow ribbons for democracy distributed on campus

By Jennifer F. Switzer

Some Chinese MIT students are working to raise awareness of the protests for democracy in Hong Kong, even as others see the protestors as too disruptive.

Earlier this month, the MIT Hong Kong Student Society set up a booth in the Student Center and passed out yellow ribbons, which have become symbols for universal suffrage. Chester Chu, a graduate student and one of the organizers of the Wear Yellow for Hong Kong Campaign at MIT, said the primary goal is not to convince people to support Hong Kong, but rather to raise awareness so that people can develop an informed opinion.

“The main goal is just to speak with students, and make sure they understand what's going on,” Chu said. “Then, if they would like, they can take a yellow ribbon.”

In addition to wearing the ribbons, many students are showing support by sharing pictures of yellow ribbons on the Internet. Xiao Yun Chang, a graduate student and one of the organizers of the Wear Yellow for Hong Kong Campaign at MIT, said the primary goal is not to convince people to support the pro-democracy movement, but rather to raise awareness so that people can develop an informed opinion.

“Many students want to know what is going on in Hong Kong,” Chang said. “I don’t even notice how terrible it is (anymore).” Professor J. Mengj He said of the current collection of parking lots and buildings in the easternmost part of campus. She told professors during a faculty meeting presentation on Wednesday that the experience for visitors who emerge from the Kendall headhouse should not be “Where is MIT?” but “Welcome to MIT.”

Plans for an overhaul of MIT’s part of Kendall Square, in the work for at least four years, have seen their share of controversy. In the past, graduate students and faculty members have raised concerns over whether proposals from MIT and the MIT Investment Management Company provided enough graduate housing, giving rising rents in the area. But Francesca Belli, the vice president of the Graduate Student Council, said he thought the latest plans were “mindful of the needs of students.”

MIT and MGH distribute grants aimed towards supporting projects in clinical medicine

MIT and Massachusetts General Hospital (MGH) have recently allotted up to $3 million over a two-year period to fund research projects in clinical medicine, according to the MIT News Office. The projects will address in improving clinical diagnostics, treating infectious/autoimmune diseases, and diagnosing and treating major neurodegenerative and psychiatric diseases.

The collaboration between MIT and MGH was brought upon by Professor Arup Chakraborty, PhD, director of the MIT Institute for Medical Engineering and Science, and Robert Kingstone, PhD, Chief of Molecular Biology at MGH, among others.

Chakraborty also helped found the Ragon Institute of MIT, MGH, and Harvard, which researches human immunology, with a focus on developing vaccines against various diseases including HIV.

“MIT and MGH have uniquely synergistic and complementary strengths,” said Chakraborty in MIT’s statement. “I believe that developing the cost-effective diagnostic tools, therapies and vaccines needed to overcome some of the daunting challenges facing human health today can be achieved by bringing approaches from engineering and basic science together with clinical medicine and that a strategic partnership between our institutions could achieve much more towards advancing human health.”

The first set of grants was announced in September, slated for teams including principal investigators from both MIT and MGH. The grants go into the coming year will support projects that aim to improve the accuracy and cost-effectiveness of diagnosis using real-time monitoring or patient datasets.

Funded project topics include a non invasive blood volume measurement device, as well as a wireless breathing monitor, among others.

—Patricia Z. Dominguez

IN SHORT

MIT Medical will be administering flu shots next Wednesday, Oct. 22 in Walkerman Memorial Lobby from 9 a.m. to 4 p.m. The clinic is walk-in — no appointment is needed. Children 9 and under are not eligible for the walk-in clinic in Cambridge, and should schedule an appointment for their immunizations.

Shred IT day is happening next Friday, Oct. 24. Bring paper, old hard drives, thumb drives, CDs, or digital tapes to the lobby of Building 32 (Stata Center) between 10 a.m. and 2 p.m. to have them securely disposed of.

MIT Family Weekend is next weekend, Oct. 24 and 25. Parents can register online starting 8 a.m. on Friday, Oct. 21 in the MIT Coffeehouse Lounge on the third floor of the Student Center (W26). Registration on Saturday runs 7:30 to 10:00 a.m.

Wi-Fi networks MIT N and MIT SECURE N to be phased out on Monday, Oct. 27. Networks MIT and MIT SECURE will be the networks of choice. IS&T says it will also contact users again before the changes take effect.

Send news information and tips to news@tech.mit.edu.
Calls to use a proposed nuclear site, now deemed safe

By Matthew L. Wald \n\nThe Nuclear Regulatory Commission on Thursday released a long-delayed report on the suitability of Yucca Mountain as a disposal spot for nuclear waste, finding that the design met the commission’s requirements, laying the groundwork to restart the project if the context of the Senate changes hands in the elections next month.

Republicans have been pushing to use the site to avoid the suit involving the site, and to use money that has been set aside for decontamination work.

But the report released Thursday, mostly done in 2010 but frozen until a recent court decision, concluded that the design had the required multiple barriers, to ensure long-term isolation of radioactive materials. It set off immediate calls among Republicans to bring the project back to life.

"Today’s report confirms what we've expected all along: Nuclear waste stored under that mountain, in that desert, surrounded by federal land, will be safe and secure for at least a million years," said Rep. John M. Shimkus, R-Ill., a senior member of the House Energy and Commerce Committee.

The report "should only add to the bipartisan support the repository has consistently received in both the House and Senate," he said in a statement. At the Bipartisan Policy Center, a nonprofit Washington group, Timothy Frazier, a former Energy Department official who heads the nuclear waste program there, said "it makes it hard, based on what they've written, for someone to say that Yucca Mountain is not technically acceptable."
By Nathaniel Popper
THE NEW YORK TIMES

Goldman Sachs on Thursday reported strong third-quarter results, but investors and analysts expressed concerns that the performance might not be sustain-
able over time.

Despite the improving revenues that were up nearly 50 percent from the same quarter a year earlier, the firm’s stock closed down more than 2.5 percent on Thursday.

After digesting the apparently positive earnings report, analysts and investors worried that a sig-
nificant portion of the profits came from profits from those in the period a year earlier.

With respect to the longer-
term prospects and some posi-
tioning in the marketplace, we could be more pleased,” the firm’s financial officer, Har-
vy M. Schwartz, said on a con-
cference call with analysts.

The most impressive results came from the bank’s so-called fixed-income trading desks, where bonds and derivatives are bought and sold.

Revenue also rose 74 percent from a sluggish quarter a year earlier.

But Goldman’s results in the most recent quarter looked par-
adoxical good, even when they were being compared with the period a year earlier, which was one of the bank’s worst quarters in years.

Goldman’s performance rel-
ative to the second quarter of this year was less impressive, particu-
larly compared with that of its big competitors.

The bank’s total net revenue rose 25 percent, to $8.39 billion, far outsailing the $7.8 billion an-
alysis polled by Thomson Financial estimated.

“With respect to the longer-
term momentum to please markets,” the firm’s chief executive, Ma-
rk A. Carney, said.

For the second consecutive
day, fell again, but ended up off their
day’s mark for the second consecutive
day, after he poured an unidentified
ning democratic elections, leaving
toughfares for nearly three weeks.

Hong Kong’s leader open to talks

The Hong Kong government, but the
government hoped to meet with
uropean lawmakers who have
called for an end to the protests.

HONG KONG — Hong Kong’s leader

tested the occupation of the central government” that the Chi-
nses legislature would not retract

demonstrations.

The protest that began over the attempt to clear the protesters’ roadblocks

to reopen traffic. Early Wednes-
day, hundreds of protesters retali-
ced by blocking a road in front of the chief executive’s office.

A protester at that site was ap-
parently beaten by several police of-
cers for about four minutes,

were hit particularly hard Wednes-
ay afternoon that seven police of-
cers for about four minutes, as

But it is not clear that the world’s

Pensions and the SFAs, 3


domestic elections, leaving
toughfares for nearly three weeks.

Hong Kong government, but the

government hoped to meet with

were hit particularly hard Wednes-

snipers stood guard on rooftops and thousands of specta-
tors chanted, “Putin! Putin!” after he and Putin laid wreaths at a

esting economic releases Wednes-
day, after a handful of unin-

order that nothing has fundamentally

More important, the decline in

“Europe faces the risk of a pro-
longed period of substantially lower inflation or outright deflation,” the U.S. Treasury Depart-
ment warned Thursday in a semia-
nual report to Congress.

FBI director calls ‘dark’ devices a
euristic at the Confederation of Indian Industry.

“We are the victimiser of the
economic outlook for the future long-
term outlook for the global

job creation

India’s prime minister announces

FBI director calls ‘dark’ devices a

crime-solving

WASHINGTON — The director of the FBI, James B. Comey, said Thursday that federal laws should be changed to require telecom-
munication companies to give government agencies access to the encrypted communications of individuals suspected of crimes.

In a speech at the Brookings Institution in Washington, Comey warned that crimes could go unsolved if law enforcement officers cannot access encrypted data on phones and other devices.

“At the moment, the law doesn’t even give the FBI access to information that Apple and Google are protecting using increasingly sophisticated encryption and technology,” he said.

“Unfortunately, the law hasn’t kept pace with technology, and this disconnect has created a significant public safety problem,” he said.

Comey said that he was hoping to spur Congress to update the law to require telecommunications companies to give government agencies access to encrypted information.

“I have made it clear that nothing has fundamentally

Comey said that he was hoping to spur Congress to update the law to require telecommunications companies to give government agencies access to encrypted information.

“I have made it clear that nothing has fundamentally

“Europe faces the risk of a pro-
longed period of substantially lower inflation or outright deflation,” the U.S. Treasury Depart-
ment warned Thursday in a semia-
nual report to Congress.

FBI director calls ‘dark’ devices a

crime-solving

WASHINGTON — The director of the FBI, James B. Comey, said Thursday that federal laws should be changed to require telecom-
munication companies to give government agencies access to the encrypted communications of individuals suspected of crimes.

In a speech at the Brookings Institution in Washington, Comey warned that crimes could go unsolved if law enforcement officers cannot access encrypted data on phones and other devices.

“At the moment, the law doesn’t even give the FBI access to information that Apple and Google are protecting using increasingly sophisticated encryption and technology,” he said.

“Unfortunately, the law hasn’t kept pace with technology, and this disconnect has created a significant public safety problem,” he said.

Comey said that he was hoping to spur Congress to update the law to require telecommunications companies to give government agencies access to encrypted information.

“I have made it clear that nothing has fundamentally

“Europe faces the risk of a pro-
longed period of substantially lower inflation or outright deflation,” the U.S. Treasury Depart-
ment warned Thursday in a semia-
nual report to Congress.

FBI director calls ‘dark’ devices a

crime-solving

WASHINGTON — The director of the FBI, James B. Comey, said Thursday that federal laws should be changed to require telecom-
munication companies to give government agencies access to the encrypted communications of individuals suspected of crimes.

In a speech at the Brookings Institution in Washington, Comey warned that crimes could go unsolved if law enforcement officers cannot access encrypted data on phones and other devices.

“At the moment, the law doesn’t even give the FBI access to information that Apple and Google are protecting using increasingly sophisticated encryption and technology,” he said.

“Unfortunately, the law hasn’t kept pace with technology, and this disconnect has created a significant public safety problem,” he said.

Comey said that he was hoping to spur Congress to update the law to require telecommunications companies to give government agencies access to encrypted information.

“I have made it clear that nothing has fundamentally

“Europe faces the risk of a pro-
longed period of substantially lower inflation or outright deflation,” the U.S. Treasury Depart-
ment warned Thursday in a semia-
nual report to Congress.

FBI director calls ‘dark’ devices a

crime-solving

WASHINGTON — The director of the FBI, James B. Comey, said Thursday that federal laws should be changed to require telecom-
munication companies to give government agencies access to the encrypted communications of individuals suspected of crimes.

In a speech at the Brookings Institution in Washington, Comey warned that crimes could go unsolved if law enforcement officers cannot access encrypted data on phones and other devices.

“At the moment, the law doesn’t even give the FBI access to information that Apple and Google are protecting using increasingly sophisticated encryption and technology,” he said.

“Unfortunately, the law hasn’t kept pace with technology, and this disconnect has created a significant public safety problem,” he said.

Comey said that he was hoping to spur Congress to update the law to require telecommunications companies to give government agencies access to encrypted information.

“I have made it clear that nothing has fundamentally

“Europe faces the risk of a pro-
longed period of substantially lower inflation or outright deflation,” the U.S. Treasury Depart-
ment warned Thursday in a semia-
nual report to Congress.

FBI director calls ‘dark’ devices a

crime-solving

WASHINGTON — The director of the FBI, James B. Comey, said Thursday that federal laws should be changed to require telecom-
munication companies to give government agencies access to the encrypted communications of individuals suspected of crimes.

In a speech at the Brookings Institution in Washington, Comey warned that crimes could go unsolved if law enforcement officers cannot access encrypted data on phones and other devices.

“At the moment, the law doesn’t even give the FBI access to information that Apple and Google are protecting using increasingly sophisticated encryption and technology,” he said.

“Unfortunately, the law hasn’t kept pace with technology, and this disconnect has created a significant public safety problem,” he said.

Comey said that he was hoping to spur Congress to update the law to require telecommunications companies to give government agencies access to encrypted information.

“I have made it clear that nothing has fundamentally

“Europe faces the risk of a pro-
longed period of substantially lower inflation or outright deflation,” the U.S. Treasury Depart-
ment warned Thursday in a semia-
nual report to Congress.

FBI director calls ‘dark’ devices a

crime-solving

WASHINGTON — The director of the FBI, James B. Comey, said Thursday that federal laws should be changed to require telecom-
munication companies to give government agencies access to the encrypted communications of individuals suspected of crimes.

In a speech at the Brookings Institution in Washington, Comey warned that crimes could go unsolved if law enforcement officers cannot access encrypted data on phones and other devices.

“At the moment, the law doesn’t even give the FBI access to information that Apple and Google are protecting using increasingly sophisticated encryption and technology,” he said.

“Unfortunately, the law hasn’t kept pace with technology, and this disconnect has created a significant public safety problem,” he said.

Comey said that he was hoping to spur Congress to update the law to require telecommunications companies to give government agencies access to encrypted information.

“I have made it clear that nothing has fundamentally

“Europe faces the risk of a pro-
longed period of substantially lower inflation or outright deflation,” the U.S. Treasury Depart-
ment warned Thursday in a semia-
nual report to Congress.

FBI director calls ‘dark’ devices a

crime-solving

WASHINGTON — The director of the FBI, James B. Comey, said Thursday that federal laws should be changed to require telecom-
munication companies to give government agencies access to the encrypted communications of individuals suspected of crimes.

In a speech at the Brookings Institution in Washington, Comey warned that crimes could go unsolved if law enforcement officers cannot access encrypted data on phones and other devices.

“At the moment, the law doesn’t even give the FBI access to information that Apple and Google are protecting using increasingly sophisticated encryption and technology,” he said.

“Unfortunately, the law hasn’t kept pace with technology, and this disconnect has created a significant public safety problem,” he said.

Comey said that he was hoping to spur Congress to update the law to require telecommunications companies to give government agencies access to encrypted information.

“I have made it clear that nothing has fundamentally

“Europe faces the risk of a pro-
longed period of substantially lower inflation or outright deflation,” the U.S. Treasury Depart-
ment warned Thursday in a semia-
nual report to Congress.
Supplementing “All Doors Open”
How each of us can improve our communities

By Finale Dosho-Velez

Through the tragedies of last several months, we have often been reminded that MIT is a community that cares, that helps is always available, and that seeking help is a sign of strength. And it is true that MIT has many excellent resources. However, it is also true that so many continue to see MIT as a place without a safety net.

I appreciated “All Doors Open” as an effort to consider how we can do better as a community — because a community response is necessary. What follow are my reflections on how we can make MIT a more caring place. They come from my experiences as an MIT undergrad, grad student, course instructor, and spouse; as a hallmark, GBT, and as someone who has been with people facing tough times and lost someone close myself.

Learn to listen deeply. As engineers, we often jump to a solution, but for most challenging situations there is no quick fix. Instead, learn to take the time to let others speak without interruption or judgement, and learn to validate their experiences by summarizing what they’ve said. For example, the next time someone tells you, “these projects are driving me crazy” try responding with something like, “It seems like it’s a tough time.” Give them space the time to keep talking rather than one-upping them with, “I understand, I have (n+1) projects” Practice speaking authentically.

For students and faculty alike, complaining about work and sleep is one of MIT’s most popular pastimes. But how many professors have you heard admit that they’re having a tough time balancing work and family or that they feel inadequate when trying to help a troubled colleague or student? We put so much value on our intellect that we are often afraid to admit that our minds may be troubled. As I discussed “All Doors Open” with the event’s participants, I was struck by how fleeting the truly deep moments were. Like any other skill, speaking authentically is challenging and requires practice. Faculty and senior graduate students, UROP advisors and upperclassmen: We are mentors who choose to be or not — we are the ones who must model healthy, authentic conversations.

Engage with those around you. An open door is a kind gesture, but ultimately a passive one. It does little if you haven’t made yourself approachable. We are a culture that usually won’t interrupt someone with headphones or with a closed door — after all, they might be busy being brillian
t fatigued. As a freshman, there were a group of upperclassmen who stopped by my door several times a week every week, no matter how often I said I was too busy to hang out. Fourteen years later, I still feel that their “door” is truly open. Start modest — whether it’s just a hello or an invitation to walk over to the coffee machine, make it a goal to engage with one person in your hall or lab space every week.

When I first arrived at MIT in 2001 as a building engineer, I was frustrated that the administration couldn’t “solve” our mental health crises. Now I appreciate the ef
t of administrators, department heads, and faculty to become more sensitive to mental health issues. I also appreciate how many of these issues are endemic in our community. But the bad news — that we must change as a community to address these challenges — is also good news: It means that each of us truly have the power to make a difference in our dorms, our lab spaces, and our departments.

Guest columnists are opinion articles submitted by members of the MIT or local community.

CORRECTIONS

A sub-headline of an article in the Tuesday, Oct. 14 issue of The Tech about the MIT football team’s win over Wofford incorrectly refers to the team as the field hockey team.

GUEST COLUMN

Supplementing “All Doors Open”
How each of us can improve our communities

By Finale Dosho-Velez

Through the tragedies of last several months, we have often been reminded that MIT is a community that cares, that helps is always available, and that seeking help is a sign of strength. And it is true that MIT has many excellent resources. However, it is also true that so many continue to see MIT as a place without a safety net.

I appreciated “All Doors Open” as an effort to consider how we can do better as a community — because a community response is necessary. What follow are my reflections on how we can make MIT a more caring place. They come from my experiences as an MIT undergrad, grad student, course instructor, and spouse; as a hallmark, GBT, and as someone who has been with people facing tough times and lost someone close myself.

Learn to listen deeply. As engineers, we often jump to a solution, but for most challenging situations there is no quick fix. Instead, learn to take the time to let others speak without interruption or judgement, and learn to validate their experiences by summarizing what they’ve said. For example, the next time someone tells you, “these projects are driving me crazy” try responding with something like, “It seems like it’s a tough time.” Give them space the time to keep talking rather than one-upping them with, “I understand, I have (n+1) projects” Practice speaking authentically.

For students and faculty alike, complaining about work and sleep is one of MIT’s most popular pastimes. But how many professors have you heard admit that they’re having a tough time balancing work and family or that they feel inadequate when trying to help a troubled colleague or student? We put so much value on our intellect that we are often afraid to admit that our minds may be troubled. As I discussed “All Doors Open” with the event’s participants, I was struck by how fleeting the truly deep moments were. Like any other skill, speaking authentically is challenging and requires practice. Faculty and senior graduate students, UROP advisors and upperclassmen: We are mentors who choose to be or not — we are the ones who must model healthy, authentic conversations.

Engage with those around you. An open door is a kind gesture, but ultimately a passive one. It does little if you haven’t made yourself approachable. We are a culture that usually won’t interrupt someone with headphones or with a closed door — after all, they might be busy being brilliant. As a freshman, there were a group of upperclassmen who stopped by my door several times a week every week, no matter how often I said I was too busy to hang out. Fourteen years later, I still feel that their “door” is truly open. Start modest — whether it’s just a hello or an invitation to walk over to the coffee machine, make it a goal to engage with one person in your hall or lab space every week.

When I first arrived at MIT in 2001 as a building engineer, I was frustrated that the administration couldn’t “solve” our mental health crises. Now I appreciate the efforts of administrators, department heads, and faculty to become more sensitive to mental health issues. I also appreciate how many of these issues are endemic in our community. But the bad news — that we must change as a community to address these challenges — is also good news: It means that each of us truly have the power to make a difference in our dorms, our lab spaces, and our departments.

Guest columnists are opinion articles submitted by members of the MIT or local community.

CORRECTIONS

A sub-headline of an article in the Tuesday, Oct. 14 issue of The Tech about the MIT football team’s win over Wofford incorrectly refers to the team as the field hockey team.
UPPERCUT by Steve Sullivan

Keep ‘Em Closed by Lonnie Burton

Solution, page 9

ACROSS
1 Concert memento
3 Ill humor
11 Endorsed
14 Galileo hometown
15 Parisian “Wow!”
16 Part of RPM
17 OPEN AT YOUR OWN RISK!
18 Single-edition mag
19 Upsilon preceder
20 Prone to fidgeting
21 Signaling to start
22 Comfortable with
23 County Kerry town
26 Mideast capital
29 Corn product
30 Grey’s Anatomy sets
32 Horse’s father
33 Kidman’s Oscar role
35 Major inconvenience
37 Half of MCII
38 Takes charge
39 Mooted point
40 OPEN AT YOUR OWN RISK!
41 Spacek’s Oscar role
42 Deep secrets
43 Did nothing
44 Tree-trimming time
45 Cook at a luau
46 Business-card abbr.
47 Pie holders
48 Rubber-stamp refresher
49 Anatomical pouch
50 Is wild about
51 Rightful
52 Frequent mall anchor tenant
56 Melodrama stock character
58 Mountainous Missouri county
59 Gas in the stratosphere
61 After all expenses
62 OPEN AT YOUR OWN RISK!
63 Tooth fillers’ grp.
64 Ice-sport org.
65 __-ray player
66 World Cup cheer
67 Thumb-index tab, perhaps
68 Pretense
69 Cling (to)
70 Person on your side
71 Self-effacing
72 Texas State Fair locale
73 Red Sea port
74 Burger serving
75 Tyrolean tune
76 Road Runner cartoon scenery
77 Tooth fillers’ grp.
78 __-ray player
79 World Cup cheer
80 Author __, Neale Hurston
81 54 Burger serving
82 55 Tyrolean tune
83 57 Road Runner cartoon scenery
84 60 Author __, Neale Hurston
85 63 Tooth fillers’ grp.
86 64 Ice-sport org.
87 65 __-ray player
88 66 World Cup cheer
89 67 Thumb-index tab, perhaps
90 68 Pretense
91 69 Cling (to)
92 70 Person on your side
93 71 Self-effacing
94 72 Texas State Fair locale
95 73 Red Sea port
96 74 Burger serving
97 75 Tyrolean tune
98 76 Road Runner cartoon scenery
99 80 Author __, Neale Hurston
100 81 54 Burger serving
The Lipper Awards are based on a review of 36 companies’ 2012 and 48 companies’ 2013 risk-adjusted performance.

1 The Lipper Award is given to the group with the lowest average decile ranking of three years’ Consistent Return for eligible funds over the three-year period ended 11/30/12 and 11/30/13, respectively. TIAA-CREF was ranked against 36 fund companies in 2012 and 48 fund companies in 2013 with at least five equity, five bond, or three mixed-asset portfolios. TIAA-CREF Individual & Institutional Services, LLC, and Teachers Personal Investors Services, Inc., members FINRA, distribute securities products. 3/03/2014 8:10 AM

Consider investment objectives, risks, charges and expenses carefully before investing. Go to tiaa-cref.org for product and fund prospectuses that contain this and other information. Read carefully before investing. TIAA-CREF funds are subject to market and other risk factors. Past performance does not guarantee future results.
It’s not easy to see the night sky through Boston’s severe light pollution. But the camera can often see more of it than the human eye. On the night I took this photo (Oct. 6), I’d actually tried to take a picture of the Milky Way from the edge of the Charles River. It should seem ludicrously impossible to photograph the Milky Way from anywhere remotely near a city, but it can actually be done with enough work in post-processing.

Anyway, that didn’t work because this close to Boston, the light pollution is too bad even for that technique. But another way we can use cameras to see more of the night sky is to combine many pictures into one to make a single time-lapse. This photo is really 80 separate photos, taken over a period of almost an hour. It’s really easy to do this kind of thing if your camera has an interval timer setting. I set mine to take one photo every 40 seconds. The shutter speed for each one was 30 seconds, in order to get as much light from the stars as possible. A low ISO — in this case 200 — can help you get more detail in the stars, such as their color. Here all the stars seem about the same color, but in a less light-polluted location you would really be able to see how different they are from each other.

I set up this shot by the Green Building so it would look almost like the building was photobombing the stars. And the big sphere on top of it looks a little like an alien spaceship or observatory, which fits with the whole star theme. The streaks that don’t look like stars are airplanes.
Presented by authors@mit, a lecture series co-sponsored by the MIT Libraries & the MIT Press Bookstore.

Open to the public and wheelchair accessible. Join us!
Event Info: (617) 253-5249, or web.mit.edu/bookstore/www

ellen@mit says:

Ellen T. Harris
Professor Emeritus, Music & Theater Arts

GEORGE FRIDERIC HANDEL
A Life with Friends

Wednesday, October 22nd, 5:30pm
Lewis Music Library, 160 Memorial Drive

Please join us as we welcome Ellen Harris, former Class of 1949 Professor of Music at MIT, and celebrate the publication of her latest book, an intimate investigation of the life and work of the Baroque composer George Frideric Handel.

Ellen T. Harris is professor emeritus at MIT. She is an internationally recognized scholar in Baroque opera and a performing soprano.

George Frideric Handel: A Life with Friends is published by W. W. Norton & Company.

Students applaud grad housing plan
Grad leaders say Kendall proposal reflects years of student feedback

East campus plans, from Page 1

Provost Martin A. Schmidt ’88 wrote in a fully letter that new housing would be built before Eastgate was torn down. “We anticipate that the new housing will not only replace the Eastgate housing but add more capacity,” he said. Schmidt has also reaffirmed promises to look into housing opportunities on the west side of campus.

The Graduate Student Housing Working Group recommended in May that MIT provide 500 to 600 more beds for graduate students.

Sara Pixton, one of this year’s new Eastgate presidents, said that previous assurances had been vague, and that she was “relieved” at the news from the provost over the summer.

Clark Pixton G, the other president of Eastgate, said that he, Sara, and their twin daughters had few nearby housing options other than those provided by MIT. “We’re very price sensitive,” he said. “We were looking for at least a two-bedroom place, and everything else would be at least $200 a month more expensive, and that’s the very low end of what else is in Cambridge.”

“We, for example, did not make it into the first- or second-round lotteries, and we had to wait until almost the end of the summer [to find out] that we had made it into Eastgate,” he added.

Clark Pixton said he was hopeful about the changes to east campus but wanted to make sure that graduate students’ voices were heard.

Marzyeh Ghasemi G, a former co-chair of the Graduate Student Council’s Housing Community Activities committee, also said she was optimistic about the process after the provost’s announcements, but wanted more detailed assurances, especially with regard to accommodations for families.

For Brian Spatocco G, the 2012-2013 president of the Graduate Student Council, the provost’s announcements are a vindication of years of work by students and faculty to pressure MIT to pay attention to graduate housing.

“I distinctly recall a meeting with a very high-level administrator [who said] ‘no, we’re not doing graduate housing,’ Spatocco said of his early efforts. “We were flabbergasted. ‘We were flabbergasted.’ Later, graduate students would bring their concerns directly to Cambridge city officials.

“There’s a lot of things that are in this plan that wouldn’t be here had the students not spoken up,” he said.

Do you live outside the bubble?

Normal MIT Students

Tell us your story YOU

join@tech.mit.edu
Some Chinese MIT students find fault with demonstrators

Political science professor believes protests will have ‘lasting impact’

Hong Kong, from Page 1

“Candles in the Commons isn’t about saying the pro-democracy movement is right or wrong,” Cheung said. “We’re just asking that the students be allowed to protest safely.”

These same concerns about safety seem to have other students questioning the wisdom of the protests.

“The protesters should find more peaceful ways to show the government what they think,” one MIT undergraduate from mainland China said. “Using violence to occupy public space and blocking other citizens’ access to the area just isn’t right.”

A graduate student at the Sloan business school, who also wished to remain anonymous, worries that the protesters may become irrational and disruptive. He said that “the students are very young, many just in high school, and thus they aren’t necessarily understanding about the big picture, such as how the protests are disrupting life for other Hong Kongers.”

However, not everyone shares the same concerns. Lihou Sha ’14, who is also from mainland China, said that “a protest wouldn’t be a protest if it didn’t cause some disruption. If the students want their voices heard, they first have to be noticed!”

Lawrence Lai, a Hong Kongese graduate student, said that if he were in Hong Kong he would have joined the demonstrations.

“The Occupy movement isn’t ideal, but now that it’s been set in motion, joining the cause is the best thing to do,” Lai said. “Those who are protesting for democracy have the interests of Hong Kong as a whole in mind, even if they are causing some disruption.”

With the protests now beginning to die down, some question whether they will have much of an impact.

M. Taylor Fravel, a political science professor at MIT, believes the demonstrations have been influential.

“Within Hong Kong, this movement will definitely have a lasting impact,” he said. “Beijing has a better understanding of what the people want, and the people of Hong Kong have more confidence in their power. It will be interesting to see if there are more demonstrations going forward.”

Although the number of protesters has dwindled, a core group of demonstrators remain. Early Thursday morning, tensions escalated as pro-democracy protesters clashed with authorities. According to Reuters, Hong Kong police employed force to disperse the protesters, using pepper spray to stop demonstrators from blocking a major road.

Solution to Crossword

Solution to Sudoku

Solution to Techdoku

Get Green Card Approval

Legal experts to craft I-140s that get 1st time approval.

Free case evaluation at tommcdonaldlawoffice.com

Coop Announces a 9.0% Rebate!

Pick up your rebate check October 15th through October 31st
For Members Only

Rebate checks are available to be picked up from Wednesday, October 15, 2014 through Friday, October 31, 2014 at the Member Services Office on the 4th floor of the Coop Bookstore in Harvard Square (Monday-Friday, 9:00 am-5:00 pm).

Rebate checks that are not picked up during this period will be mailed to the address designated by members in our records beginning November 3, 2014. To avoid misdirection of your check, go to thecoop.com to verify or update your mailing address no later than Friday, October 31, 2014.

http://www.thecoop.com
He applied a set of general principles to the circumstances of each industry to suggest policies.

Tirole's achievement was in "writing lucidly, thinking creatively, covering a lot of territory and adding important nuance in a lot of areas," said Lawrence J. White, a professor of economics at New York University.

His work, beginning in the 1980s, was in part a response to the need for new rules as governments in Europe divested state monopolies, seeking to encourage investment and innovation while preventing predatory profit margins.

But he did not offer a single set of new rules. Rather, he applied a set of general principles to the circumstances of each industry to suggest appropriate policies, often reflecting a nuanced balancing of costs and benefits.

Joshua Gans, an economist at the University of Toronto, compared Tirole with Louis Pasteur as the rare example of a laureate whose work has both advanced the theoretical understanding of economics and directly affected daily life.

"Give particular in point to Tirole's work on the deregulation of communications networks. Home lines are generally connected to networks by a single line, owned by a single company. Governments seeking to foster competition can make that company will access to its rivals. But the price is crucial. Too high, and consumers will see little competition. Too low, and the company will itself be unable to serve customers at a profit. In effect, if a company sells both iron and goods made from iron, the question is how much it should charge for the iron."

The pricing model developed by Tirole and a now-deceased collaborator, Jean-Jacques Laffont, is the basis of current law in Europe, New Zealand, Australia and other countries. But not in the United States.

Gans said the difference explained why consumers in those other countries generally enjoyed lower prices and better service.

"What is remarkable is that it has worked so well in a number of countries," White said in a statement Monday. Almunia has pressed investigations of pricing practices.

"It is also the second consecutive year that the committee has honored an economist whose work essentially assumes that markets are often inefficient, challenging a widely held view in academia long associated with the University of Chicago economics department. "Jean Tirole, along with others, established a good theoretical foundation for the non-Chicago view of things that markets fail in various ways," said John Kwoka, a professor of finance at Babson College in Massachusetts.

"It's important to think hard about the reasons that they fail and it's important to think hard about the consequences."
Rifle comes up short

Engineers place third in their season opener, home opener is this Saturday

By Phil Hess

Opening the season on the road, the MIT rifle team traveled to West Point, New York to take on teams from the U.S. Military Academy and the University of Memphis. In the end the Black Knights won the three-way competition with a score of 4,632, with the Tigers a close second with 4,626 points and the Engineers third with 4,418.

Sarah N. Wright ’16 led MIT in the smallbore portion of the match firing a 572, including a perfect score of 100 in her second round from the prone position, that placed her 10th overall in the match. Josh Martin of Army led all competitors with a 580, with Memphis taking the team title by edging out the Black Knights by a point with 2,293.

MIT totaled a 2,182 in smallbore with Jia Yi Goh ’17 finishing second on the team with a 553. Kelly J. Mathessis ’17 totaled a 548 for the Engineers, with Helen Liu ’16 adding a 521 and Abha H. Shen ’16 finishing with a 517.

Its air rifle Goh had all of her rounds reach at least 95 as she finished with a team-high 572 to finish in a tie for 12th overall with Makeannon Doran of Memphis. The Tigers’ Beth Lee had the top score, an impressive 590, with Army winning the match battle with a 2,348, followed by Memphis with 2,333 and MIT with 2,230.

Wright was second in air rifle for the Engineers, posting a 567. Mathessius added a 550 while sophomore Kevin Ng (Coral Springs, Fla.) turned in a 544. Shen completed the scoring for MIT with her round of 536.

MIT will make its home debut for 2014-15 on Saturday when it hosts John Jay College and the Wentworth Institute of Technology.

MIT takes down Wellesley

Field hockey team improves to 9-3-2 overall and 5-0-1 in conference after 3-0 shutout

By Mindy Brauer

Three different MIT players located the back of the Wellesley College net in the second half of Tuesday’s New England Women’s and Men’s Athletics Conference (NEWMAC) match as the Engineers defeated the Blue, 3-0, at Roberts Field at Steinbrenner Stadium.

With the win, MIT improves to 9-3-2 overall and 5-0-1 in conference play, while Wellesley falls to 7-6-2 and 1-4-0.

Following a scoreless first half, Olivia M. Struckman ’18 converted on Tech’s third shot of the second half after receiving a pass from Ambika K. Krishnamachar ’15. Struckman collected the pass on the far side and fired home her seventh goal of the season at 51:47. MIT doubled their advantage roughly five minutes later when Ashley J. Peter ’15 located Morgan K. Moroi ’16, who drilled a shot from the far side of the field, which curved past Wellesley junior goalkeeper Kat Goldsmith and landed in the middle of the cage for her fifth goal of the season.

Anjali M. Krishnamachar ’17 sealed the win for the hosts with her initial goal of the season at 86:02 when she pounced on a rebound following a shot by Peter. Krishnamachar collected the loose ball that bounced off a diving Goldsmith and sailed her only shot of the contest into the Wellesley net. Wellesley attempted to stop the three-goal run with a header in the box by Rianna Aylward ’17 that sailed wide of the far post at 85:10.

MIT turned Wellesley, 16-4, and held an advantage in corners, four to two. Lauren S. Ullmann ’17, who started the game in net for MIT, recorded just one save, while Hannah M. Zlotnick ’17, who played the final 25 minutes, registered two stops. Wellesley senior goalkeeper Claire Cera played the first half for the Blue, but did not record a single save, while Goldsmith, who played the entire second half, turned away three shots.

Both teams return to action on Saturday, Oct. 18 at 1 p.m. as MIT hosts Smith College, while Wellesley entertains WPI.
YOU MAY BE A TERRIBLE INVESTOR.
AND THAT’S JUST FINE.

Thankfully not everyone has to be an investing genius. At TIAA-CREF, we specialize in helping clients reach their long-term goals with personalized advice. In person, online and on the phone. All at no extra charge. See what our professional advice and award-winning performance can do for your financial health. The sooner you act, the better.

Learn more in one click at TIAA.org or call 855 200–7244.

Restrictions apply. Must be enrolled in a TIAA-CREF retirement plan to be eligible. The Lipper Award is given to the group with the lowest average decile ranking of three years’ Consistent Return for eligible funds over the three-year period ended 11/30/12 and 11/30/13, respectively. TIAA-CREF was ranked against 36 fund companies in 2012 and 48 fund companies in 2013 with at least five equity, five bond, or three mixed-asset portfolios. TIAA-CREF Individual & Institutional Services, LLC, and Teachers Personal Investors Services Inc. ©2014 Teachers Insurance and Annuity Association of America – College Retirement Equities Fund (TIAA-CREF), 730 Third Avenue, New York, NY, 10017.

Consider investment objectives, risks, charges and expenses carefully before investing. Go to tiaa-cref.org for product and fund prospectuses that contain this and other information. Read carefully before investing. TIAA-CREF funds are subject to market and other risk factors. Past performance does not guarantee future results.