Ex-MIT professor Moniz is the man in the middle
Energy chief balances environment, industry

By Matt Viser
The Boston Globe

Secretary of Energy Ernest Moniz is known around his department for a quick wit, a leader of a vast bureaucracy who draws quotes from Monty Python skits and chuckles self-deprecatingly at the attention paid to his unusual Colonial-style hairdo.

As he toured a laboratory in Virginia the other day, he also displayed a deep knowledge of technical science, mingling small talk with fellow scientists that sounded like code to an outsider.

"What's the typical Q?" he asked about one machine ("8 times 10 to the 9th," came the answer). As they passed by a clean-room used for experiments, he asked notchalantly whether it was a "Class 10" (it was). Introduced to a high school senior interested in science, he enthusiastically recommended a book: "The Existential Pleasures of Engineering."

But hidden behind the wonky demeanor one would expect from Moniz, a former MIT professor who got hooked on physics at Dartmouth High School in Full River, is a measure of political savvy earned as a veteran of the Clinton administration. It is a well of experience that his supporters say will help him lead key initiatives in President Obama’s second term — including an expansion of America’s nuclear power industry.

At a time when the White House plans to shore up America’s nuclear industry, Moniz, 69, is in charge of one of the most controversial portfolios in the Cabinet, requiring him to balance worries about global warming with the demands of a powerful energy industry. Constituencies clamoring for his favor include gas and oil companies that want permission to drill and export more, clean energy start-ups eager for more government loans; environmentalists, some of them critical of Moniz’s ties to industry; and a stronger emphasis on wind and solar energies; and scientists seeking more research money.

In a wide-ranging interview as he traveled around the Virginia coast — touring a federal laboratory and giving a speech at Hampton University — Moniz, who was confirmed 97 to 0 by the Senate in May, discussed the administration’s "all-of-the-above" energy philosophy:

He previewed plans to increase energy efficiency standards. And he said he planned to move forward aggressively on more government loans to private energy companies, despite the embarrassing bankruptcy filings of Sohylnda and Aleutta Systems of Waltham.

“We’ve got a big-time problem to address climate,” he said, riding in the back of a sport utility vehicle. “And if it’s business as usual, we’re not going to get there in time.”

The opera-loving fly-fisherman also discussed the full scope of his job:

MIT’s nuclear science and engineering professor Ernest Moniz, August 2012.

By Tushar Kamath

Alcator C-Mod experiment operates with restored funds

Warren visits as fusion experiment resumes operations

By Tushar Kamath

The MIT Egyptian Student Association is hosting Sawiris’ talk and Q&A session at Wong Auditorium this Tuesday, February 25 from 6-7:30 p.m.

Add date is next Friday, March 7.

The MIT Generator is running an event this Wednesday, February 26 at 6 p.m. in the R&D Commons where students can address campus issues of energy, waste, environment and sustainability.

Send news information and tips to news@tech.mit.edu.

Rambax MIT, MIT’s Senegalese drum ensemble, performs behind co-director and art-in-residence Lamone Toûr as he conducts the audience at “Pulse 2014: Feel The Beat.” The show was hosted by the MIT Black Students’ Union this Saturday evening and featured a wide variety of acts, from gospel choir to a reading of an excerpt from Martin Luther King Jr’s “I Have a Dream” speech.

The opera-loving fly-fisherman also discussed the full scope of his job: reviewing plans to increase energy efficiency standards. And he said he planned to move forward aggressively on more government loans to private energy companies, despite the embarrassing bankruptcy filings of Sohylnda and Aleutta Systems of Waltham.

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A return to chilly weather

By Casey Hilgenrbink

Many of us abandoned our hats and gloves this weekend as sunny skies and sunshine welcomed Boston a much-needed respite from the cold. Sunday’s high temperature was recorded at 52°F (11°C) — the warmest temperature Boston’s seen since February 2nd! Unfortunately, this relief was short-lived as cold front passed through New England on Monday night. This cold air will remain in place into the weekend thanks to an Arctic cold front passing through the region on Thursday, delivering a reinforcing shot of cold air. Daily highs this week will struggle to reach 40°F, with a couple of days even dipping below freezing. For this time of year! Additionally, we won’t see much snowfall for a while, but we’ll be seeing a lot of wind. Winds through the week will average 10-20 mph, with gusts up to 35 mph. This will make for a breezy and cold week. Expect to bundle up with a coat and scarf as you head out for work or school.

Forecast:

Today: Sunny in the morning, with clouds increasing into the afternoon. High 29°F (-2°C). Wind from the west around 10 mph.

Tonight: Partly cloudy, with a low of 17°F (-8°C). Wind from the west around 10 mph.

Tomorrow: Mostly cloudy, with a high of 29°F (-2°C). Breezy winds starting from the southeast in the morning, then changing to the northwest in the afternoon at around 15 mph. Chance of snow showers.

Thursday: Mostly sunny, with a high in the upper 20s°F (around -5°C).

Friday: Cold and clear, with a high in the lower 20s°F (around -6°C).
For the Supreme Court, a case poses a puzzle on the EPA’s authority

By Adam Liptak

WASHINGTON — In trying to decide whether the Environmental Protection Agency has the authority to regulate greenhouse gas emissions from factories and power plants, the Supreme Court on Monday faced what Justice Elena Kagan called “a puzzle here.”

One part of the Clean Air Act, she said, establishes a separate category of greenhouse gases and allows the agencies to regulate them. The Justice Department, the government said, has a “clear mandate” from Congress to regulate greenhouse gas emissions. The agencies are split on the question: the Environmental Protection Agency and the State Department say yes, but the Department of Interior and the Department of Energy say no.

Justice Anthony M. Kennedy, who may hold the decisive vote, did not signal where he stood in the case, which the Justices consider today.

Justice Anthony Kennedy, who may hold the decisive vote, said he did not think it was clear that the agencies had the authority to regulate greenhouse gas emissions. He asked the Solicitor General what the Clean Air Act said about what the EPA’s duties are.

The Solicitor General, Donald B. Verrilli Jr., said the Clean Air Act requires the EPA to regulate greenhouse gas emissions from factories and power plants. The agency’s interpretation is consistent with the statute’s purpose of preventing climate change, he said.

Justice Kennedy said he did not think the agencies’ interpretation was “clear enough” to support the EPA’s position. He asked the Solicitor General whether the EPA’s interpretation would mean that the agency could “regulate cars with zero emissions.”

The Solicitor General said that the EPA’s interpretation of the Clean Air Act was consistent with the statute’s purpose of preventing climate change. He added that the agency’s interpretation was supported by the statute’s purpose of preventing climate change.

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The Supreme Court has said that it is unlikely to rule on the EPA’s authority to regulate greenhouse gas emissions until next year, when it is likely to consider the matter again.

The Court’s decision will have implications for the United States and the rest of the world, as the United States is a major emitter of greenhouse gases and has a significant role in setting global greenhouse gas reduction targets.

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Response to open letter regarding Tidbit

Dear Professor Abelson and Messers. Mathis and Zuckerman:

Thank you for your expression of concern for the Tidbit students and for the larger issues they raise.

As you know, we are coordinating with the students and their pro bono lawyers at the Electronic Frontier Foundation. I agree with your view that the tidbit subpopulon highlights a larger threat to the freedom to “imagine, create and disseminate projects that expand the possibilities of technology.” For the moment, we are focused on the welfare of these students. Their lawyers have suggested that MIT make a statement, and we are working with them to define what statement will have the greatest impact on their behalf.

The experience of the Tidbit students also points to the need to provide a new kind of legal resource to serve our student innovators. As I explained in my February 15 letter to the MIT community and as Professor Abelson has noted in recent public comments, when our student inventors and entrepreneurs engage in research and experimentation that push technological and societal limits, they need legal counsel that is genuinely independent and focused on their interests alone.

I believe it is important to appreciate that, by definition, MIT’s relationship to the General Counsel (OGC) cannot provide this independent legal advice. OGC provides MIT with tremendously valuable service, in an important and well-defined sphere. There are certainly times when we decide that a legal case in which MIT is not technically involved is in fact “our business.” Correctly, OGC relies on MIT’s academic leadership to make those calls. We have made that judgment in this case, and we are proceeding on that basis, with enthusiastic help from OGC.

As you know, I have asked Provost Marty Schmidt, Chancellor Cindy Barnhart and General Council Greg Morgan to develop a proposal for the new legal resource. In preparing this proposal, they are seeking insight and suggestions from those with direct knowledge of the challenges that innovators face in the field. I know many of you are inventors and entrepreneurs, and I encourage you to share your experiences with Marty, Cindy and Greg as they design this new resource.

Going forward, I hope you will be open to working cooperatively together with me and the MIT leadership team as we try to support the Tidbit students in this immediate circumstance, work to design a lasting new resource for our innovation ecosystem and identify ways we can actively protect the freedom to innovate so essential to MIT’s mission.

In the leading MIT community, I strive to listen respectfully, collaborate openly, and take on the broadest possible issues. I look forward to working with you.

L. Rafael Reif, President, MIT

Letters to the Editor

In the Friday, Feb. 21 review of Garden at the Cellar, the listing of the restaurant’s times was incomplete. It should be: 11 a.m. – 2:30 p.m., 5 p.m. – 9 p.m., and for brunch on Saturdays and Sundays during the same hours.

In an opinion column in the Tuesday, Feb. 11 issue, Cory Hernandes was incorrectly listed as the former UA treasurer. Hernandez is the current UA treasurer.

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Letters, columns, and cartoons must be signed by their authors. Names of individuals appearing as authors will be verified. The Tech reserves the right to edit or condense letters, shorter letters will be given higher priority.

LETTERS TO THE EDITOR

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TUESDAY, FEBRUARY 25, 2014

OPINION OPINION OPINION OPINION OPINION OPINION OPINION

OPINION


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CONTEMPORARY COMICS  
BY OFIR NACHUM

IS THIS FUNNY TO YOU?

Sudoku
Solution, page 10

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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.

Techdoku
Solution, page 10

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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.
Somewhere on the Search for Meaning... by Letitia Li

The problems with time travel

What if the battery on your time machine runs out and you get trapped in the past?

How do you know you won’t create an alternate reality when you go back in time?

And besides, if I go too far back...

You’re right. I don’t care how much of the world I save...

It’s not worth it if I have to live on without you!

You can’t imagine how long it took me to write those essays! I don’t know why MIT wants its graduates to be well-rounded and LITERATE!

Saturday Stumper by Doug Peterson

Solution, page 10

ACROSS
1 Way down
8 All’s Well That Ends Well count
15 Throw on the floor
16 Trendy
17 Plate cleaner
18 Illustrations on the newest maps
19 Attack a spread
20 First Biblical grandson
22 Columbus met them in 1492
23 Banquet fixture
24 What an antique cushion may hold
26 She beat Rachael for a 2013 Talk Show Emmy
29 Series opener
30 Code’s contents
33 Familiar product line
35 Lingering trace
36 Mark on a bouncer?
37 Low notes
39 One use for Wi-Fi
40 Braces
42 Evoking King
44 Where Einstein developed special relativity
45 “Whose beard with age is __”: Coleridge
46 High winds
47 Day for hunting
49 It may shorten a sentence
50 Pan, in part
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52 Grammy category
53 Spoiler, maybe
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17 Secretary of State under Madison
18 One with large calves
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**PERFORMANCE REVIEW**

**Circus Oz**

The gravity-defying spectacle from Australia lands in Boston

By Denis Bozic

When was the last time you saw a real live performing circus? Chances are you’ve long forgotten about circus as a type of performing arts. Indeed, with so many blockbuster movies filled with otherworldly acrobatics, there seems to be a loss of interest in seeing an actual human being put their life at risk for entertainment. Nevertheless, the entertaining team of performers — from Cirque du Soleil to The Big Apple Circus — still deliver some of the most gut-wrenching and captivating shows to people across the world. Last week, Boston hosted the world’s renowned Australian ensemble of acrobats, musicians, and dancers known as Circus Oz.

Established in Melbourne in 1978, Circus Oz is an animal-free troupe that unites traditional circus acts with theater, musical, high-risk acrobatics and stand-up comedy. Their tour “From the Ground Up” is a perfect choice of circus that’s appropriate for all ages — juggling, clowns and flying trapeze. The audience applauding every two minutes. Some of the most fascinating feats included juggling a small table with feet, doing reverse spirals on a hanging banana, “tightrope” on a rotating rope, and sea-saw somersaults. Despite the extraordinary focus and practice required to perform these acrobatics, the performers delivered every stunt with such grace and enjoyment that it was easy to believe that the effect of gravity was the last thing on their mind.

In addition to performing the stunts, most of the performers played instruments, coloring the performance with an entertaining mixture of rock ‘n roll and jazz. It was quite fascinating to see such a talented crowd tackle every aspect of the show. And, if that wasn’t enough, the naughtily humorous, subtle sexual innuendos, and the playful mambo-based acts were guaranteed to bring out smiles in the audience.

Of course, when there is so much emphasis on theatricality and acrobatics, it is not a lot of space for coherence within the show’s story. The basic idea of the story was pretty clear, but there were still a few moments of filler dialogues that seemed to divorce from the show’s premise. Then again, when there is a person in front of you spining a table just in front of you, who needs a well-developed story to be entertained?
**A fathomable genius**

**Movie Review**

**Tim’s Vermeer**

Directed by Teller

Starring Tim Jenison, Penn Jillette, Martin Mull, and David Hockney

PG-13

Now Playing

**By Grace Young**

Staff Writer

Tim’s Vermeer follows American inventor Tim Jenison as he tests a novel theory about how 17th century Dutch master Johannes Vermeer used scientific methods and equipment to paint. Produced and directed by the Penn and Teller illusionists, the film occasionally takes a cut-and-dried documentary tone about Jenison’s experiment, but eventually switches to a more intimate examination of Jenison himself. His big thoughts, thoughtful editing, and memorable characters put it in a class of films somewhere between History Channel specials and Hollywood dramas.

Jenison sets out to prove that Vermeer used a specific combination of lenses and mirrors to paint. For decades, art historians were baffled by how Vermeer painted so photo-realistically over a century before the invention of the camera. Most explanations were, in essence, that Vermeer was simply a genius. Jenison, however, doesn’t find that explanation satisfying. At first, I found his thesis about Vermeer’s nature of optical devices to be far-fetched. But by the end of the film, after considering Jenison’s compelling evidence, I shared his “90 per cent” certainty that Vermeer used the optical devices.

The film also documented Jenison’s struggles with his research. Usually brimming with enthusiasm, Jenison at times reveals frustration and flagging motivation. For example, while completing some tedious tasks for his experiment, he says to the camera, “If we weren’t making a film I’d definitely find something else to do right now.” At one point, he can’t wait to start with the meat of the project, but when a few things go wrong unexpectedly, he says he’s “not looking forward to doing the rest of the instrument,” and morosely, “This project is a lot like watching paint dry.”

The movie isn’t perfect, even for lovers of art and science. Although released in theatres, it’s better suited for the small screen due to the image quality. It is also a little tedious to watch in one sitting. I would have preferred to pause and watch Tim’s Vermeer over the course of a few Sunday afternoons.

I didn’t fully appreciate the film until a few days after I left the theatre. I found myself thinking back to it several times during the day, constantly relating it to life and the rest of my life. It has important messages for anyone who feels overwhelmed by “genius” or who doesn’t appreciate how thorough, or even obsessive, one needs to be to prove anything using the scientific method.

The film is careful not to devalue Vermeer’s work, but rather transforms the artist into a fathomable genius whose hard-work, perseverance, and attention to detail helped him create his masterworks. Tim’s Vermeer is worthwhile, especially if you can download it and watch segments at your leisure.

**CONCERT REVIEW**

**Rhye**

A lush rendition of the last year’s musical sensation

By Denis Bozic

**Arts Editor**

It’s been almost a year since the Canadian-Danish duo Rhye released their critically acclaimed debut album Woman. Despite the lack of any new official material, lead singer Milosh paid a visit to Boston with his touring band last Thursday and performed most of the album’s songs.

The concert took place at Royale, which was probably not the best venue for a show of such an intimate and delicate character. The studio version of Rhye’s music already sounds very mellow and downtempo, so the live performance required absolute focus from the audience. For a Boston crowd oriented toward a more lively show, this request took some time to process. Nevertheless, the fans finally settled down, and that’s when the band got the opportunity to truly bring their talents to the forefront.

While the studio versions of the songs put more emphasis on Milosh’s characteristic contralto voice, the live performance successfully unveiled another one of Rhye’s assets — the music itself. The talented ensemble of musicians who accompanied Milosh gave the music of the debut album a different flavor. For instance, “Last Dance” featured an extended instrumental section and ended with a hypnotizing trombone solo, an experiment not explored by the album’s version of the song. Overall, the performance shifted focus from the vocals-oriented nature of Rhye’s music to the mesmerizing instrumental solos and improvisations.

This is not to say that the vocals were subpar — in fact, they added another captivating dimension to the live performance. The musicians also served as backing vocalists whose voices perfectly complemented the androgynous spirit of Milosh’s voice. Their consonance was highlighted during the ensemble’s vocal harmonies like those at the end of “Shed Some Blood.” When Milosh and the band united their voices in the numbing cappella outro of the song, which consisted of fading repetitions of the line “Move my way.”

Putting a face to Rhye was also a fascinating experience. Unlike the studio version — where Milosh’s persona was mostly identified as highly sensual — the live performance featured a different alter ego. In a way, his stage persona resembled that of a teenager who was just coming out of his shell. There was nothing pretentious about his vocal and musical delivery — his words were concise and sincere, his control of stage space and movements was unplanned, and his communication with his band was vividly heartfelt, which added to the subtle feeling of innocence and fragility.

Whether the instrumental additions to the songs are a trademark of Rhye’s performances or simply included because Rhye has only one album, the band’s renditions were truly enjoyable. While the audience was too energetic at the beginning, the atmosphere successfully congeared on a released tone in the middle of the show. In fact, at the end of the concert, there was a moment of perfection when Milosh and the band stepped away from the microphones and sang their lines together in front of the completely silent Royale.

**EVENTS**

**FEB. 25 – MAR. 3**

**TUESDAY**

(6:30 p.m. – 9:00 p.m.) Intro to Python Workshop, sponsored by Sloan Coders (bring a laptop) — E62-250

**WEDNESDAY**

(3:00 p.m. – 5:00 p.m.) Artist talk and panel on Fukushima activism, postwar pop, intermedia art, and global hip-hop, sponsored by Foreign Languages & Literatures and MIT/Harvard Cool Japan — E25-111

(6:00 p.m. – 9:30 p.m.) MIT Generator: Students innovating for campus sustainability, with vegetarian dinner — 32-G401

**THURSDAY**

(5:00 p.m. – 8:00 p.m.) Build your own solar-powered cell phone charger, sign up at http://fossilfreeevent.org — 4-1135

(8:30 p.m. – 11:00 p.m.) Esfandian Winter Party with dance music, light refreshments, and a cash bar, sponsored by GSC Activities and the Persian Students Association of MIT — W20 (Lobdell)

**FRIDAY**

(7:30 p.m. – 10:00 p.m.) Gala Sabrosura, semi-formal celebration of Meso Latin American culture, sponsored by Latin America Cultural Community — W20 (Loeb)

(10:00 p.m. – 11:30 p.m.) LSC shows Gravity, tickets on sale in lobby 16 for $4 — 26-100

**SATURDAY**

(10:00 a.m. – 4:00 p.m.) Asian Career Fair, register and submit resume online, sponsored by the SAG, GEDC, MSTI, and Naturejobs — V20 (La Sala)

**SUNDAY**

(4:00 p.m. – 6:00 p.m.) An Evening of Sarod music and Kathak, sponsored by the Center for South Asian Music and Theater Arts — W16 (Kresge Little Theater)

**MONDAY**

(4:30 p.m. – 5:30 p.m.) France’s Jewish Star: Rachel at the Comedie Francaise, with speaker Maurice Samuel, sponsored by Foreign Languages & Literatures and Comedie Francaise Registers Project — 14E-304

(5:00 p.m. – 6:00 p.m.) Paper Engineering Page Turns for Music Scores, with composer and vocalist Erin Gee and MIT Libraries conservator Jana Dambrogio, sponsored by MIT Libraries — 14E-109

Send your campus events to events@tech.mit.edu.
Moniz has plans to lower carbon levels
Environmentalists accuse Moniz of having close ties with industry

Moniz, from Page 1

T-SHIFTS
...a necessary fact of College!

Moniz strongly defends the use of government loans and grants for clean-energy companies

"We are not defensive about it," he said, citing a remaining $50 billion in lending authority. "Quite the contrary. We have a lot more authority left. We’re going to use it.""And I think we need every arrow in the quiver. "It gets us to low carbon," he said. "A mix of technology is, as long as you don’t get trapped gas. "Pressed with a laugh, "it’s good. "One except my wife has cut my hair in decades. And she’s not a professional," he said. "It’s a big joke, and that’s OK."

"If it gets people interested in the Department of Energy," he added with a laugh, "it’s good."

Moniz was born in Fall River, where his father worked at Firestone, the rubber manufacturing plant, and his mother watched after he, the only child. All four of his grandparents were emigrants from the Azores Islands.

"I came from a blue-collar town, a public school," he told students at Hampton University. "It’s a great country to be able to live here."

He played baseball and tennis at Dartmouth. He also benefited from an MIT initiative to develop a stronger physics curriculum in high schools, after the Soviet Union launched Sputnik and fears spread that the United States was falling behind.

"Fortunately the physics teacher at the high school decided that the high school would be one of the pioneers, one of the guinea pigs," Moniz said. "That’s when I got hooked on physics."

He went to Boston College on a scholarship from his father’s lab union and became editor of Cosmos, the school’s science journal. After getting his doctorate in theoretical physics at Stanford, he joined the MIT faculty in 1973. He was the founding director of the MIT Energy Initiative and the MIT Laboratory for Energy and the Environment.

"He has this marvelous sense of humor," said Susan Hochfield, the former MIT president. "You don’t feel as though you’re getting browbeaten by him. You feel like he’s teaching you. And he’s a master teacher."

He served as a science adviser and as the undersecretary at the Department of Energy in the Clinton administration. Some say he is more politically savvy than his predecessor, Steven Chu, a Nobel-winning physicist from California who at times frustrated the White House by going off script.

"He’s the best-prepared secretary of energy — ever," T.J. Glauthier, a former top-ranking energy department official who now advises energy companies, said of Moniz.

As he was preparing to take the job, Moniz consulted with George Shultz, who held four Cabinet positions under Presidents Nixon and Reagan and who worked with Moniz on the MIT Energy Initiative.

"I told him, ‘Stay close to members of Congress. In the end, they own the money,’" Shultz said in an interview. "You go and talk to them, just informing and whatnot — not just when you’ve got a crisis." Moniz said he has taken that advice. Several Republicans have praised his approach, and he recently had dinner with Representative Mike Simpson, an influential Republican on energy issues from Idaho.

But some environmentalists accuse Moniz of being too close with the oil and gas industry, citing ties established at the MIT Energy Initiative, which was funded primarily by those industries.

"So far he’s known for his deep love of fracking natural gas," said Bill McBride, a prominent environmental activist.

Moniz said damage to the environment should be mitigated, but his primary goal is lowering carbon levels in the atmosphere — even if that means promoting nuclear power or natural gas exploration through fracking, a controversial technique that uses pressurized water to fracture underground rock and release trapped gas.

"I frankly don’t care what the mix of technology is, as long as it gets us to low carbon," he said. "And I think we need every arrow in the quiver."

At times at criticism that the administration isn’t doing enough.

"Here we have a president who has done the most to commit to climate — I have been out there as a climate warrior," he said. "But it’s not good enough because we refuse to exclude part of the portfolio."

Moniz strongly defends the use of government loans and grants for clean-energy companies, saying it is a vital way to develop technologies. While high-profile failures have caused Republicans to condemn the government should not be investing in startups, Moniz said some risk is inevitable when you "push the envelope."

"Push the envelope."

"But it’s not good enough because we refuse to exclude part of the portfolio."

Obama has said he will not approve the controversial project he says if he has discussed the project or Keystone. "He also declined to say if he has discussed the project with Kerry.

Moniz lives with his wife in Brookline, but his schedule keeps him away from home for weeks at a time. He often travels overseas to meet with foreign leaders about climate issues (although his home is about a mile and a half from Fenway Park, he watched Game Six of the World Series from the US Embassy in Japan).

The travel has kept him away from most games in the "Over-the-Hill Soccer League," which he has played in for about 25 years (when he shows up, he is the only one who now has a security detail). He also recently had a sobering responsibility, acting as the potential last line of defense in the event of a catastrophe. He was the "designated successor," sitting out the State of the Union in case the president and other top officials died at once in the House chamber.

When he was placed in an undisclosed location, with ample security and communications capability. The accommodations were not exactly meager.

"We had a steak dinner," he said.
C-Mod's future is still unclear
Funding cuts were part of larger U.S. energy policy

Alcator, from Page 1

The U.S. future energy policy is going to happen in the future. "For now, nobody can predict what career decisions if the rug can get pulled out from under you like that."

Professors and students linked C-Mod's situation to the future of science in the U.S.

"The cuts made me turn away so many qualified students... now we need a long-term solution to best identify the policy for U.S. fusion research," commented Anne E. White, Assistant Professor in the Nuclear Science and Engineering (NSE) program.

"Only after the Department of Energy submitted a revised proposal did Feinstein agree to continue funding support.

Professors and graduate students linked C-Mod's cash-strapped situation to the future of science in the U.S."The U.S. should not play a backseat as other nations, particularly China, Japan, South Korea in the East and the European Union in the West, move forward [with plasma research]," commented Golfinopoulos. "The U.S. has to decide whether it wants to be a leader in this and other areas of science."

The lack of continuous support makes you think hard about your future in plasma research. "Plasma is the ideal source of baseload energy. We can't afford not to pursue this avenue. There aren't that many other options, and we can't stay with coal forever."

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Women's basketball team gets win against WPI
MIT earns spot in NEWMAC Championship tournament for the first time since 2008
By Mindy Brauer

Despite a late surge that saw WPI come within four points with 54 seconds left to play, MIT hit four free throws down the stretch to claim a 56-48 victory on Saturday, February 22. With the win, MIT claimed the seventh and final spot in the upcoming NEWMAC Championship tournament, marking a full placement appearance since 2008. MIT will travel to its last post-season foe, No. 2 Wheaton College, on Tuesday, February 25 for a 7:00 p.m. start.

Sabrina D. Drammis ’16 led all scorers with 18 points as MIT improved to 12-13 on the year and 9-1 in conference play. WPI (10-15, 8-12 NEWMAC) was led by senior Siena Mamayek, who recorded 15 points and five boards in her squad’s season finale.

MIT raced out to a 17-6 lead after the first quarter and maintained its lead throughout the second half, outscoring WPI 48-40. The Engineers shot 50% from the field and held WPI to 36% shooting.

On WPI’s next possession, junior Dani Davis drained a three-pointer, sparking an 11-0 run during the next three minutes that saw the Engineers’ momentum turn.”

WPI’s ensuing possession, however, saw their dominance against the Engineers. The Engineers had 13 turnovers and committed ten fouls, while WPI had six turnovers and five fouls.”

MIT’s highest finisher in the 5000m was Benjam in Van Driessen ‘16 to enter the break with a 31-22 advantage. The hosts maintained their comfortable margin throughout most of the second half as their lead grew to 15 (47-32) with 2:59 remaining.

On WPI’s ensuing possession, however, the Engineers were able to get a rebound and put the ball back into play. This led to a turnover by WPI, giving the Engineers another chance to score. But this time, the Engineers were not successful in converting their opportunity to score.

In the Pole Vault, junior Benjamin J. Schreck ‘15 made the score 27-22 with 3:35 to go. MIT countered with baskets by Drammis and K. M. Ramachandran ‘16 to extend the lead to 36-22.

The Netherlands was the big winner in speed skating, taking home eight gold medals.

Mens' speed skating events highlights of Olympics
Victor Ahn claims the gold for Russia in tight men's 5000m speed skating relay final

Olympics, from Page 12

States was expected to pick up many medals in speed skating. But after a disappointing week in the long track events, resulting in no medals, they finally won a medal in a speed track event.

The Netherlands was the big winner in speed skating, taking home eight gold medals in a dominating display of speed skating.

For many, the thrilling speed skating event of this year’s Olympic games has to be the men’s 5000m relay speed skating final. With as many as 20 skaters on the ice at once, the event has the potential for utter chaos.

This year’s final was contested by five countries: USA, Russia, the Netherlands, China and Kazakhstan. But after a tight race for the gold medal very quick-ly became a question of which of Russia and USA would have the pace down the stretch.

For much of the race, the United States team members were content to sit in the slipstream of the Russian team, but finally made a move to take the lead with around 48 laps to go. The USA was never able to completely drop the Russian team.

In the final lap, the Russians were able to slightly drop the Russian team, giving the USA a slight advantage. But the USA was able to keep pace with the leaders, the Dutch, and Kazakhstan unable to keep up. The USA was never able to completely drop the Russian team for much of the race. Celski valiantly tried to chase down the Russian’s time, but eventually gave up.

The final lap saw the Russians take the lead, with around 18 laps to go. The USA was able to make a move to take the lead, but eventually gave up.

The Netherlands was the big winner in speed skating, taking home eight gold medals.

Track and field team claims victory in 1000m track race
MIT collects 121 points in total over the two days

Track, from Page 12

‘17 was 11th with a 25.67. In the 800m, Samuel G. Parker ‘15 and Harrison A. Hunter ’14 both earned points towards MIT’s final score, with Parker coming in at the same height as Benjam in Van Driessen ‘16 to enter the break with a 31-22 advantage. The hosts maintained their comfortable margin throughout most of the second half as their lead grew to 15 (47-32) with 2:59 remaining.

On WPI’s ensuing possession, junior Dani Davis drained a three-pointer, sparking an 11-0 run during the next three minutes that saw the Engineers’ momentum turn. But Davis ended MIT’s scoring drought while Davion N. Blanda’16 free throw increased the cushion to 56-43 with 1:37 on clock. Pineda kept WPI close with two free throws 10 seconds later, but Blanda drained a pair of shots at the charity stripe.

On WPI’s next trip down the court, sophomore Jessica Larsen buried a layup and after snagging a steal, Pineda hit the front-end of a one-and-one to come within four (52-48) with 54 seconds left to play. Following an exchange of possessions, a foul sent Blandare to the free throw line where she hit her second shot after 11 seconds came off the clock. Pineda put up a three-pointer but her bid was off the mark, and was grabbed by MIT’s Rachel A. Hunt ’14. While bringing the ball up the court, Drammis was fouled with 19 seconds remaining as her free throw increased the lead to 54-48. On WPI’s next charge, Dav- "'s shot from behind the arc failed to connect. Drammis grabbed the loose ball and once again sent was the charity stripe with 3.7 ticks left, where she drained both shots to secure the victory. Kordell finished with 15 points, a game-high six assists, and added four rebounds for MIT. Ramach-andran recorded 30 points and 10 rebounds as Hunt posted five rebounds and two blocks. Bhan- dove added seven points and three steals for the home team.

Pineda totalled seven points, four assists, and two steals as sophomore Haill Welton tacked on six points.

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The 2014 Sochi Olympic Games come to an end

This year’s Olympics will be remembered for the surprises, oddities, and spectacles.

By Deepak Narayanan
SPORTS WRITER

Sochi 2014 came to an end on Sunday, February 23. With security threats in Sochi and a tense Russian political climate, uncertainty surrounded this Olympics. Nevertheless, the Sochi Games delivered all the expected spectacles, from the “oddities” of the Winter Games, like Jamaica’s bobsled team, to a healthy dose of Olympic spirit and sportsmanship, like Swiss Dario Cologna’s 30 minute wait at the 15km cross-country finish line to greet the injured last-place finisher.

Ice hockey

The United States suffered more disappointment this year in ice hockey, as both the men’s and women’s teams lost to Canada in the knockout rounds of the competition. Canada reaffirmed its status as the world’s top team, with dominating performances throughout the tournament, while Russia’s team is the one to beat with dominating performances.

The United States suffered more disappointment this year in ice hockey, as both the men’s and women’s teams lost to Canada in the knockout rounds of the competition. Canada reaffirmed its status as the world’s top team, with dominating performances throughout the tournament, while Russia’s team is the one to beat with dominating performances.

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