

In our last issue, a headline inaccurately stated the name of the restaurant, Vapiano.

#ThrowbackTuesday with August Lysy's second Retro Review, "Before Sunset," Page 6

Volleyball seniors celebrate final game of the season. Page 7

TechNews

Student newspaper of the Illinois Institute of Technology since 1928

OPINION 2

CAMPUS 3

A&E 6

SPORTS 7

AICHE-IIT Chapter attends student research conference in San Francisco

Utsav Gandhi
CAMPUS EDITOR

Founded in 1908, the American Institute of Chemical Engineers (AIChE) is one of the world's largest and most dynamic professional societies seeking to engage students and professionals tackling some of the 21st century's foremost challenges. With over 40,000 members and 200 student chapters worldwide, AIChE provides career guidance and networking opportunities to learn more about diverse careers in food processing, pharmaceutical, sustainable energy, biotechnology and environmental engineering.

IIT has always had a significant presence in the national AIChE community, ranging from high level administration to a very active student chapter which hosts weekly presentations, alumni panels, field visits, a thriving mentor-mentee program and social events fairly regularly on campus. Last weekend

the annual student meeting, held in San Francisco, saw the largest ever IIT delegation successfully attend, learn, network and present research.

Besides the traditional career guidance seminars from the active Young Professionals Board and the student research poster presentation, the conference is also known for its flagship Chem E car competition, wherein student groups from around the country show off their chemically engineered (fuel cell/lead acid battery, etc) vehicles, coming in after months of preparation and testing.

The competition is a dynamic showcase of young minds exploring the possibilities of cleaner automobiles - the younger, non-graduating members of the IIT delegation came back inspired to start a project of our own right here on campus, even looking into the possibility of algae-sourced biofuel (if anyone reading this wishes to contribute to this cool opportunity, email aiche@iit.edu).

Other highlights at the presentation included a keynote address from Mr. Aamir Farid, VP of Manufacturing at Shell, who spoke about his 32 years at the company, traveling around the world managing projects in the oil and gas industry. The conference also provided an opportunity to have one-on-one career guidance sessions with Alaina Levine, a prolific speaker, writer, consultant and teacher known around the country for her career counseling.

The research poster competition saw several students from IIT participate, presenting on projects as diverse as water quality testing, bioenergy from algae sources, and optimal power flow.

Finally, a unique opportunity for some of the emerging leaders of the organization was to participate in the student leadership development seminar, which provided networking opportunities with other leaders from across the country and allowed them to work together to come up with strategies to

engage more students in the organization.

The conference also provided a unique opportunity for the chapter to bond and spend time with the faculty advisor as well as a group itself. The group was a diverse mix of class levels, interests, project experiences and personalities; and the city of San Francisco provided a perfect setting for the team to explore and unwind in the midst of a busy semester.

The team took some time to explore some of the famous sights of the city as well as some diverse restaurants and neighborhoods in the city, aside from its fabled cobbled streets and scenic waterfront. Saturday night also provided an opportunity to take part in official Halloween festivities arranged by the conference coordinators, wherein the IIT delegation decided to show up as "elements".

The chapter hopes to capitalize on the relationships developed at the conference to take itself to newer levels of growth and development.

IEEE@IIT unveils 1st Project Meeting

Swasti Khuntia
LAYOUT EDITOR

Last week, the IEEE Student Chapter at IIT had their first project meeting of the fall 2013 semester. The meeting took place on November 7 in the MTCC Auditorium, and the turnout was also very good.

Although IEEE@IIT organized many programs this semester, including their general body meetings, industrial tour, and BBQ, the project meeting was the first of the semester. Juan Wang, Project Chair of IEEE@IIT, chaired the meeting, and was accompanied by other executive members of the board. Juan introduced the students to the different projects within IEEE@IIT. The projects that are funded

by IEEE are Quadcopter, Multi-touch project, Guitar Amplifier and Ardupilot. She shared the details on current progress, funding, and upcoming projects. Then she handed over the task of explaining each project to the individual team leaders.

Rohit Agarwal, project leader of Guitar Amplifier, spoke about the current standing of the project. He spoke about the different equipment they procured and the several tests performed to see that all equipment was working; his team is now ready to assemble the final model. He invited other students to join the project as it would help them see classroom theory in action, learn through hands-on experience, and build up their resumes.

Similarly, Peyton Zellar-Av, project

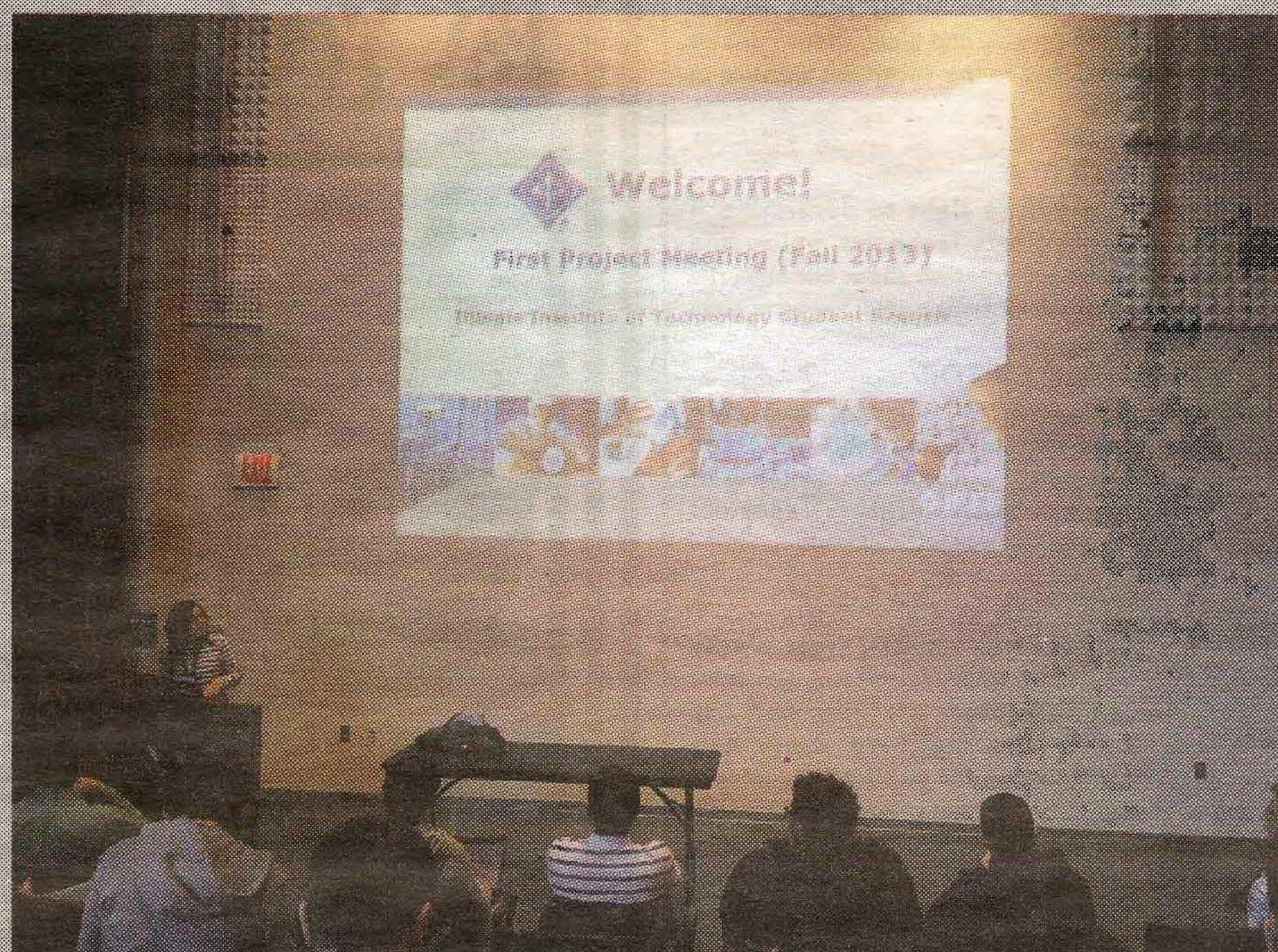
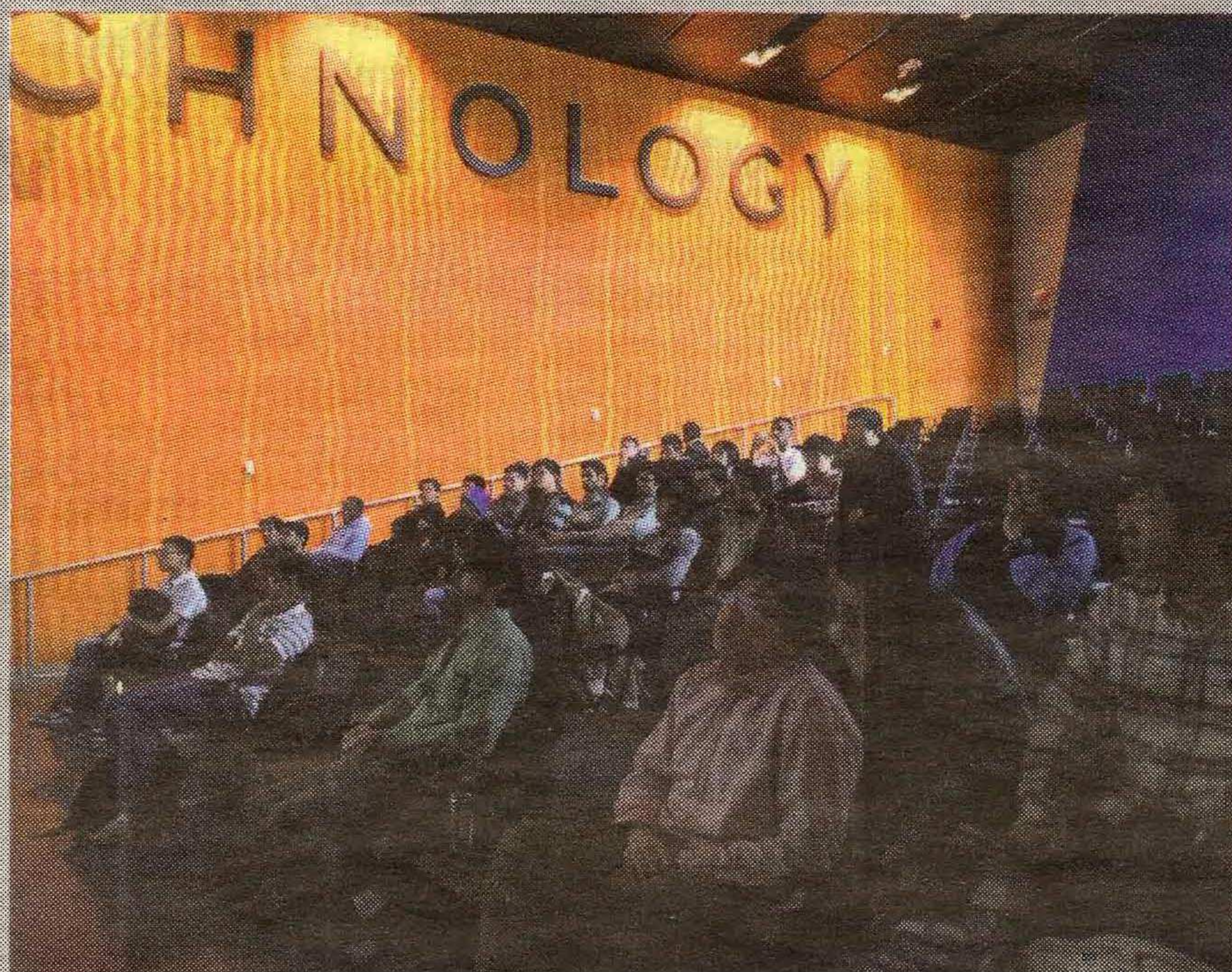
leader of QuadCopter, gave an overview of the current status the project. The goal of their team is to successfully build a user-programmable Quadcopter, and have it flying by spring 2014. Their project is being advised by Prof. John Kallend, Professor of Materials Engineering.

Members of the Ardupilot group described how they're learning about Arduino microcontroller boards by breaking one down into 10 different small projects. In fact, they have named their group the "Arduino Study Group." Talking about their future plans and deadlines, the group has planned to finish the ArduPilot simulation by Dec 2013/Jan 2014, building a sailplane by February 2014, and complete the ArduPilot UAV by May 2014. Meanwhile, they are also planning to

collaborate with the QuadCopter project in spring 2014 in order to collaboratively solve their wiring and programming issues.

Juan, the project leader of Multi-touch project, spoke about their current standing. They currently have nine students working in the team. She talked about the various hardware and software enhancements that the group is planning to do in the future. These included building a frame to fix screens together and an electric circuit to protect the LEDs, achieving human-computer interaction, and correctly compiling the source-code.

At the end, Eric Tendian, webmaster of IEEE@IIT, showed the new IEEE@IIT website to the attendees, which was launched last week. Any student interested in working on any of the projects can email ieee@iit.edu.



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Our mission is to promote student discussion and bolster the IIT community by providing a newspaper that is highly accessible, a stalwart of journalistic integrity, and a student forum. TechNews is a dedicated to the belief that a strong campus newspaper is essential to a strong campus community.

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Sharing Table welcomes 33rd Street Productions

Shireen Gul
COPY EDITOR

I still remember the first time I went to a Sharing Table event with my friend; I didn't know I would get so involved in it. I originally was not willing to go because I'm not a big fan of food from The Commons, but since I like to socialize and have new experiences, I went. Now I am literally waiting for the first Thursday of every month so I can meet new students, faculty, and staff.

It is such a lovely feeling to learn about the life of different people. There are many people on this campus who share the same hobbies or habits but we just don't know about them because we don't have enough time

to interact with each other. This event is during our lunch hour, meaning we have time to have our lunch while sitting with students, faculty, and staff who we do not know and exchange our thoughts and learn about each other.

I believe the best part is when you learn about the life journey of your instructors and you can clearly see that nothing is easy in this life without striving for it. You learn that they had the same struggles in life as we did. Some even had to work harder because they didn't have the facilities that our current generation has.

Apart from this, you might get to know about different instructors with whom you might have to take classes in later semesters. It's a great opportunity to get to see them in person

before you join their class; you get to know more about the course and the instructor.

This Sharing Table featured 33rd Street Productions, a student theatre group on campus. They gave a great presentation on the background of the theatre and how it works. They answered our all questions regarding their production and how could we contribute to it. Because of the interesting discussion, I am seriously considering joining them in the future.

Each year, they produce all aspects of a theatrical performance, from play selection to directing, stage-managing to props, set design, acting, creating costumes, technical lighting, audio, and more. I really enjoyed learning about them at this month's gathering.

ISO Train Party wrecked by poor organization

Shireen Gul
COPY EDITOR

The excitement was about to start. The party that I had been waiting so long for was finally here. My dream was about to come true, a dream to party with my friends on the 'L, and I couldn't thank IIT enough for making my dream come true. One of the most unique experiences of my life was here!

As soon as registration started last week for the International Student Organization's (ISO) CTA Train Party, I signed up. With how much I wanted to go, I didn't want to take any chances and miss out.

I asked my all friends to register for the party beforehand so they wouldn't miss the chance of having fun. As soon as we all registered, we all started to make plans to finish all our assignments and readings before the party. We wanted to have peace of mind during the party and not have to worry about work.

A few days after registration, we got an email from the International Student Organization that said we had to sign a waiver for the party. We all went to the MTCC Bridge to sign the waiver thinking, "now this is the

final stage of our registration." Guess what? We were wrong.

On the day of the CTA train party we got another email from ISO saying that people who had already registered and signed their waiver should come to the MTCC Yellow Room before 6:00 p.m. to check-in, and that remaining spots would be given to people who hadn't registered or signed the waiver.

Since this is the end of semester and everyone is busy with assignments and presentations, we reached the MTCC at 5:50 p.m. thinking there would be separate lines for people who had already signed up and filled out the waiver - but guess what?

Once again, we were wrong; everyone was standing in the same line. We still didn't lose hope. We were standing patiently in line, thinking about the fun we were going to have, but the worst was yet to come.

By the time we reached the door to check-in, we heard a loud clap and someone shouted, "we are sorry we are out of space." My heart was broken into a thousand pieces as I turned back with a sad face thinking, "that's the end". My friend forced me to go and talk with the organizers since we had registered for the event and had signed the waiver. Furthermore,

the email they sent us said that they would give us priority.

I went inside and told them the entire story, but they said they couldn't help it as they were out of space. I also told them that I work for TechNews and I wanted to cover the party for them, but still they said they couldn't help me. I went out with a hopeless expression.

A friend of my friend was standing outside and listening to my conversation; he gave me his wristband and said I should go as I have to cover the story for the newspaper. I refused, though, because I didn't want to go alone and I would feel bad for my friends. I really wanted to experience this party, but not without my friends. But sometimes you have no options, so I left alone to fulfill my dream, which had already departed.

My question is this; if we had to stand in a line that was first come, first serve in the end, then why were we asked to register beforehand? Why were we told that we would be given priority when we all had to stand in the same line? I urge ISO: if you have another event like this in the future, don't do early registration. If you do, though, please give those who register spots.

SGA sga@iit.edu

SGA SENATOR SPOTLIGHT

KYLE STANEVICH



What prompted you join SGA?:

SGA has a large impact on campus, and I knew that if I wanted to get something changed, then they were the place to start.

Which projects have you worked/working on?:

I have designed a few of the SGA posters that can be seen around campus. I am also working on setting up a mass texting and calling system that will deliver important campus notifications. Furthermore, I am working with the communications committee on a fall book drive for children in need.

What aspect of the university experience are you most passionate about improving?:

I would like to improve the academics and campus life for freshmen. Many students have expressed dissatisfaction with their first year on campus and I believe I can change that. Every semester at IIT should be an enjoyable experience.

Cool fact about you?:

In my spare time I practice riding a unicycle, working on my Tesla coil, and using Photoshop. Look out for posters on campus, you may be able to find tiny easter eggs in the ones I have designed. Contact: kstanevi@hawk.iit.edu

EWB visits Boston, Cincinnati for conferences

Austin Gonzalez & Kyle Stanevich
STAFF WRITERS

Engineers Without Borders (EWB) is a national organization committed to partnering with communities in the developing world. Illinois Tech's EWB chapter recently attended two conferences: The Great Lakes Regional (GLR) Conference in Cincinnati, Ohio and the Millennium Campus Conference (MCC) in Boston, Massachusetts.

Based in Chicago, Illinois Tech's EWB is one of the 48 chapters in the Great Lakes Region. At the GLR Conference, the chapters are all brought together by their focus on working towards partnerships, enforcing sustainable policies, and providing useful resources. Together these chapters make it their mission to support professionalism, collaboration, and resource sharing. The focus

of this conference was to answer the question, "What does it mean to be a global engineer?" Sessions were concentrated on sustainable community projects and transformational education.

Some of the discussions that our members participated in were about Water Testing, Impact Assessment, Construction Planning, and Building Successful Partnerships just to name a few. For students, the experience was rewarding, informational, and cemented the meaning behind what EWB stands for.

The same weekend, the other half of the EWB conference group attended the Millennium Campus Conference held at Northeastern University in Boston, MA. The Millennium Campus Network is a community of student organizations and leaders around the world working towards the United Nation's Millennium Development Goals (MDGs).

The MDGs are eight goals which range from halving poverty to providing universal primary education. Student organizations from startup NGOs to university clubs gathered to discuss what can be done to become more effective towards reducing global poverty.

Panels and workshops encompassed Pros and Cons of MDG, Fundraising and Managing a Movement, Modern Day Slavery, Homeless in your Homeland and more. Some discussions were a bit disheartening, but there is a lot to be optimistic about.

Many of the goals are on target, with Malaysia recently achieving all 8, and China and India making great strides. With 2015 rapidly approaching, the UN will take into consideration the impact of the MDGs to create the Sustainable Development Goals, looking to create a more concise and action oriented set of sustainable goals.

The keynote speakers included Sakena Yacobi, the executive director of the Afghan Institute of Learning, eminent economist Jeffery Sachs, and Kenneth Cole, who all had much to say about what we can do individually to have a global impact.

Ultimately, the vision to create a world where no one suffers from malnutrition, conflict, or preventable disease nor struggles to survive on less than \$1.25 a day is admirable and achievable.

Both of these conferences provided our EWB chapter with a lot to think about. The connections made at these conferences will certainly help Illinois Tech EWB in the future. If you're interested in becoming a part of the team, feel free to contact iit.ewb@gmail.com. They're always happy to see more involved individuals at the general body meetings.

RHA sponsors lounge event featuring Toast & Jam band

Kyle Stanevich
STAFF WRITER

If you wanted a place to relax, eat chocolate, and enjoy some jazz last Monday, then you were in luck. The Residence Hall Association (RHA) partnered with the band Toast & Jam in order to hold a chocolate fountain and music event in the McCormick Lounge on Monday, November 4. It was a great turnout, steadily holding a crowd of about 30 for the entire event. The halls up and down MSV were filled with music, attracting interested

students to check out the event. This was the second chocolate fountain event held by RHA this semester. They brought out their fondue fountain and plenty of snacks to dip, including pretzel sticks, graham crackers, animal crackers, and for the first time, strawberries. All were gone just as fast as they were put on the table.

These events are always free and a time to give back to the students and stir up a bit of interest in RHA. It also provides a good time for students to voice their concerns to RHA, letting them know what could change on campus, and for RHA to inform students of

their upcoming events. You don't have to worry about any of that, though; you can just come for the free chocolate.

However, this time it was not just RHA in the spotlight, but also the talented jazz band that Illinois Tech has on campus, Toast & Jam. Composed of IIT's very own Luis Larco and his friends from VanderCook College of Music, they played for almost two hours straight, entertaining the crowd with their wonderful music and amazing solos. Many students came out just to listen to a song or two, but many others came back with a book to read

or homework to do. A few people even started dancing, even if just for a moment. It was a great atmosphere to relax in, washing away the stress of midterms, tests, and deadlines. Hopefully the band will continue to play around campus, expanding their audience to other students and maybe even staff and faculty.

RHA is always holding these small events. On November 21, they will be holding a hot chocolate event, so watch out for more info on campus for that. If you are interested, RHA holds open executive board meetings on Sundays at 6 p.m. in the MSV East Hall basement.

Person you should know:

Megan Mozina



Joannas Joseph
TECHNEWS WRITER

From addressing student organization meetings, assisting with the acclimation of international students to life at IIT, being an integral part of the Boeing Scholars Academy, and even finding time to stop by UB's coffee house series, Megan Mozina strives to foster strong relationships with IIT's general student body. Mozina serves as the Assistant Director of International Outreach and Engagement as well as the Director of IIT's Boeing Scholar's Academy in the office of Student Access, Success and Diversity Initiatives. Mozina's duties include getting the word out about IIT from an international standpoint, being an integral part of the Syrian students initiative, assisting international students, setting the goals and vision of the Boeing Scholars Academy, and getting more faculty from IIT involved in the academy.

Mozina has a particular passion for any type of international engagement and cultural acclimation, having studied abroad in Spain for a semester during undergraduate studies, lived in South Korea for about a year after her undergraduate studies, and served as an educator in the Peace Corps in Honduras for over two years after her graduate studies. This is further reinforced by her M.A. in International Education and Intercultural Training. "I lived in three different places abroad...I understand the value of learning about other cultures as well as learning about myself and this drives my outreach with international students," noted Mozina.

Mozina came to IIT right after her time in the Peace Corps and was particularly attracted to the diverse team that she would be working with as well as their passion for education. This was further solidified by the international dynamic of the university and the opportunity to work in intercultural activities. Having previously attended and worked at a

large public university as well as a medium sized private liberal arts institution, Mozina credits IIT as a, "small community in a huge city with a particular focus in technological fields." Mozina was a resource to the Engineers Without Borders chapter at IIT by serving as the guest speaker to general bodies as well as the cultural advisor with regards to their bridge building project in Nicaragua, given her work in their neighboring country Honduras.

"There are so many things that our office would like to do, but there is never enough time with the new ideas and opportunities which present themselves," Mozina stated when addressing one obstacle she has encountered during her tenure. This has been remediated by working in conjunction with a number of internal organizations such as the Office of Women's Services, Residence and Greek Life, and external ones such as World Chicago and other Chicago-area organizations.

Her most memorable event at IIT, during her short tenure, was when she went to the airport to greet three of the Syrian students who had faced much adversity during their journey to IIT. "It was both an exciting and emotional time for all of us involved," noted Mozina when speaking on this experience. She is especially fond of hearing the different successes and experiences of the students with which she interacts.

Outside of IIT, Mozina is involved in the Chicago Area Peace Corps and is also a volunteer with World Chicago and with a Battered women/children's shelter in Chicago. To students, Mozina's advice was, "You're not only at IIT for academics, but also for your overall growth and development... Get involved in something which is related to your major and then one which is completely different so that you meet new people and develop those soft skills, interpersonal and leadership skills." To any student interested in learning about life in a different culture or studying abroad, Mozina would definitely be a valuable resource.



GREEK of the WEEK

Meet Ashleyann Sanabria.

"What do we live for if it is not to make life less difficult for each other"

Year: Fifth

Major: Architecture

Greek Affiliation: Kappa Phi Delta

Hometown: Chicago, IL

Leadership Positions at IIT: President of AIAS, Community Desk Assistant, Lacrosse, New Velocity, Mies Van Der Rohe Tour Guide

Hobbies: Drawing, water color painting, sketching, taking pictures, hanging out with friends, and family, dancing, singing, listening to music, reading

Why did you go Greek at IIT?

I joined Greek life because it provided me with a home away from home, and a group of girls who understand and agree with many things that I do.

How has Greek life developed you as a person and a leader?

I would never be as involved as I am now if not for the encouragement and inspiration of my sisters and other members of the Greek community.

What would be your advice for an incoming student?

Get involved. Find what you think is worth your time doing, and get involved with it. Go Greek. The Greeks at IIT are nothing like anyone else in the sense that they are a group of highly motivated students who do more than their share to not only help the community, but help each other, and make IIT awesome.

What has been one of your biggest challenges at IIT?

Knowing when to say no. There are so many wonderful things to be involved with on campus that it is hard to be able to say no, and to understand your limits. You are only one person.

What's one of your favorite questions to get a conversation going?

If you could be anything in the world (person, place, thing, animal, gas, mineral, ANYTHING) what would you be and why?

Questions? Email orderofomegaiit@gmail.com


ORDER OF OMEGA

IIT Campus Sustainability Presents:

The Fun Way to Go Green

Gamification is the use of game thinking and game mechanics to engage participants in solving problems.

Join us this month to learn how we can apply this strategy to environmental sustainability to make activities like energy conservation simple, social, and fun!
RSVP: tinyurl.com/IITgreengame

Speakers:

Shane M. Fay, VP Client Solutions
Simple Energy

Dustin Gellman, CCIM CEO
Green Per Square Foot by GreenPoint Partners, LLC

Grant Williard, Co-Founder
Joulebug



Questions? campussustainability@iit.edu
Complimentary lunch will be provided!

Friday, November 15th
Hermann Hall Ballroom 12:30-2pm

Not shaving in November?

I guess you won't be needing that shaving cream and razor then...



Donate your unused **NEW** razors and shaving cream to a good cause!
Bring your items to the Office of Campus Life in the MTCC by December 3, 2013.
All items will be donated to the Night Ministry.
See www.thenightministry.com for more information.

Student Life Leader Applications go live on Wednesday!

Fill yours out on HawkLink!

Questions? Contact Campus Life or Residence & Greek Life!

PLACEMENT PANELS

Learn from alumni mentors about your major and job placement after graduation!

Saturday, NOVEMBER 16

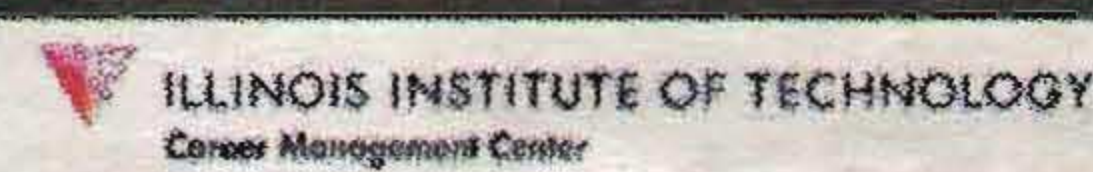
9 - 10 am - Breakfast

10 - 11:30 am - Discipline Specific Alumni Panels

12 - 1:30 pm—Lunch & Joint Discipline Conversation



RSVP at: <http://tinyurl.com/2013PlacementPanels>



Career Connections



Date: November 13, 2013

Time: 4-7 pm

Location: Hermann Hall Expo

Open to ALL Students and Alumni of ALL Majors

Please Bring:

• Resumes - Business Cards - Your ID for registration

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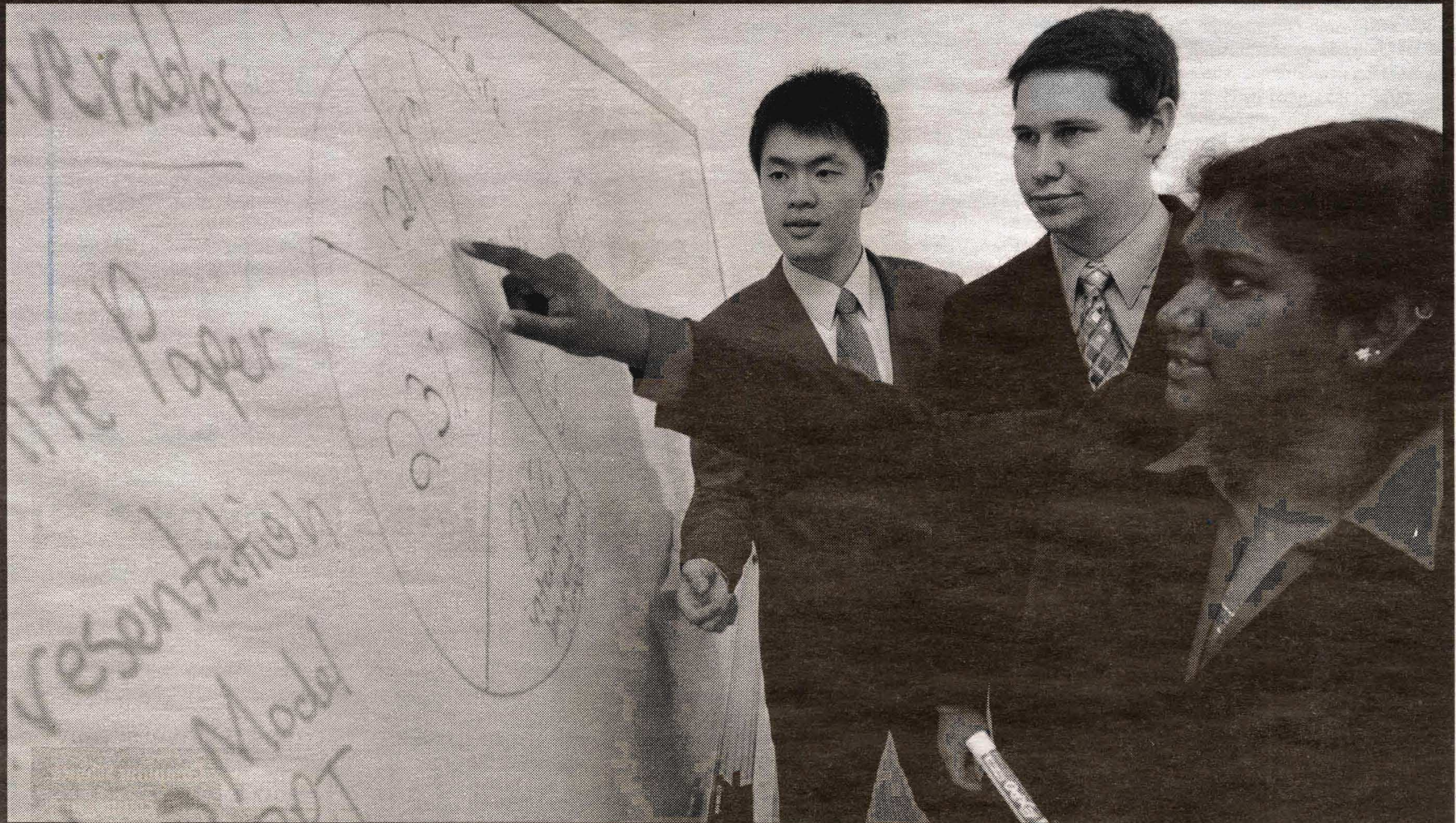


Network with Employers for Internships, Co-ops and Full Time Employment

For the List of companies attending, check: www.cmc.iit.edu

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India to become 4th country to Mars in new mission

Swasti Khuntia
LAYOUT EDITOR

Indian space exploration hit a milestone on Sunday, November 3 when the Indian Space Research Organization (ISRO) successfully launched its first mission to the Red Planet (Mars) in an attempt to become the fourth nation after the United States, the former Soviet Union, and Europe, and the first Asian country, to reach the fourth planet from the sun.

The project is named "Mars Orbiter Mission (MOM)", informally called Mangalyaan, which in Hindi means "Mars-orbiter." It has been built at a cost of \$73 million and in just fifteen months, and yet it is capable of demonstrating advanced technologies for space travel.

This considerably cheap Mars project has drawn much attention and mixed reactions from across the globe. Dr. James Clay Moltz, a professor at the U.S. Naval Postgraduate School

was interviewed by CNN, where he said, "I believe India's leadership sees China's recent accomplishments in space science as a threat to its status in Asia, and feels the need to respond." The Wall Street Journal reported, "India's Mars mission, with a budget of \$73 million, is far cheaper than comparable missions including NASA's \$671 million Maven satellite that is expected to set off for Mars later in November."

Similarly, David Alexander, Director of the Rice Space Institute, reported on National

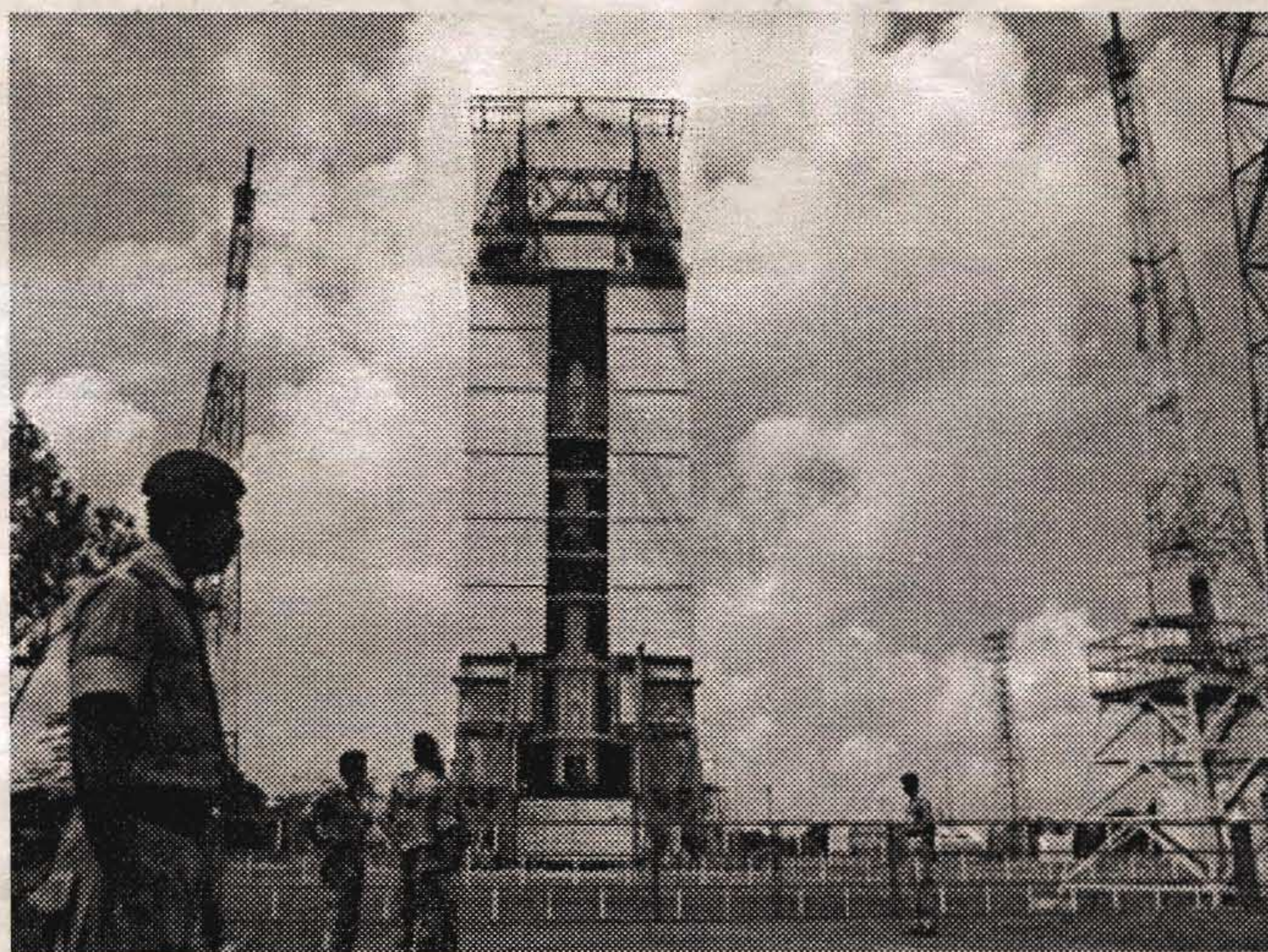


Photo courtesy of washingtonpost.com

Public Radio (NPR), "I think labor is the biggest factor, as well as the complexity of the mission. It takes a whole team of engineers.

Those engineers cost much less in India than they do in the U.S." Comparing the pay scale of Aeronautical and Electronic Engineers in the U.S. and India, he stated that an Indian engineer is paid almost one-tenth of what an American engineer is paid, thus supporting the fact that India's Mars mission is nearly one-tenth of America's.

It has been said that the first attempt by the country to reach Mars has never been a success, considering the cases of Japan and China. On a positive note about India's emergence as one of the top Asian countries in space programs, Reuters reported, "A successful Indian mission will have the effect of positioning the emerging Asian giant as a budget player in the latest global space race."

Talking about the mixed reactions world-wide, ISRO chairman K. Radhakrishnan said that they will know if they have passed the examination on September 24, 2014, when the spacecraft is scheduled to reach the Red Planet's orbit.

Retro Review:

'Before Sunset' develops characters 10 years after first film

August Lysy
STAFF WRITER

Ten years after the release of "Before Sunrise," Richard Linklater released the next stage in the story of Jesse and Celine. "Before Sunset," whether by the artistic design of Linklater, or by the vicissitudes of Hollywood funding, picks up ten years after the first film, this time in Paris at a bookstore where the two lovers meet (by chance?)

In ten years, Jesse has become a best-selling novelist, a husband, and father of two children; in the same time, Celine has, likewise,

advanced her professional career, though with the absence of a significant other. These are the facts exchanged between them at their meeting; however, like "Before Sunrise," much of the profundity of their encounter lies in the subtlety and physicality of their interactions.

In this way, again, Ethan Hawke and Julie Delpy beautifully bring to life the characters through their evasive responses and awkward physical interactions. It's immediately clear, however, that while Jesse still appears to be quite fond of Celine, Celine is more reluctant and keeps Jesse at a distance with her ambiguous answers and remarks.

Praise must yet again be given to Linklater (and Delpy and Hawke, who also co-wrote the script) for conveying so much of the growth and emotion of the characters through dialogue that seems more or less the superficial "catching-up" of fallen-away lovers.

Another unique feature of this film is that it is filmed close to "real time," meaning the time in the film is nearly the time of the film. The effect is, at first, unnoticeable; that is, until the viewer is met with the credits and nearly falls from his seat in disbelief: the time has passed too quickly and one feels like all the movement, or resolutions, of the characters

has taken place internally—out of sight or fleetingly.

Essentially, the new introduction in Jesse and Celine's relationship in this second film of the trilogy is that of conflict, a plot device that was noticeably absent from the first film.

But to go into the nature of the conflict reveals too much of the plot. Thus, a conundrum mounts, whose resolution can only be that you watch the first two movies by next week, when I will review the last of the trilogy, "Before Midnight."

World's oldest animated film, 'Prince Achmed,' astounds with stunning artwork, details

Matti Scannell
A&E EDITOR

A flickering yellow backdrop is set, and the story begins with an evil magician presenting a magic horse to the Caliph. After a brief demonstration of the horse's abilities, the magician violently shakes his head as he tells the Caliph he will not part with the horse for any amount of gold, consequently tricking the Caliph into giving away his only daughter. After wrenching his sister away from the Caliph, Prince Achmed, the Caliph's son, is coaxed into trying to ride the magic horse but he is not shown how to bring the flying horse back down

to earth.

So begins the oldest surviving feature animated film Prince Achmed, or Die Abenteuer des Prinzen Achmed, which Lotte Reiniger and Carl Koch created in 1926. This film, which took three years to create, features several stories from 1001 Arabian Nights. The characters are all cutouts handmade by Lotte Reiniger; they are silhouetted against a pane of lit glass, which was tinted post-production.

Given the age of this film, a viewer might expect to find it necessary to make large allowances for antiquated gender roles, racism, or a subject matter that has since become trite. Certainly it is the case that many of this film's female characters have little agency in their own

lives, this is true to the myths that are the basis of this movie.

But readers be warned: if you dismiss this movie for showing women faint into the arms of men when the going gets tough, you are depriving yourself of a true work of art.

As the short historical video found on the DVD will tell you, this movie was a labor of love that required the filming crew to kneel for hours on end on a stone floor. Every time a character needed to move, Reiniger would have to reposition the arm or head or eye that needed to move and filming would begin again.

Reiniger and her husband Koch left Germany in 1933, seven years after completing Prince Achmed, due to their involvement

with left-wing politics and its consequential antagonism with the Nazi party.

In spite of being forced to leave Germany, Koch and Reiniger continued to make movies from other countries. This work, which is incredible not only because it is the first animated film, but also because it was created during a time in which women were able to procure very few roles outside the home. All in all I have such an intense love for this movie and for Reiniger's story that it needs to be accepted that I am only on criticism lite for this piece.

Prince Achmed is available for free on YouTube without subtitles and can be rented from Netflix.

Tech[nology]News:

OUYA gaming console stiff competition for big-name systems

Austin Gonzalez & Kyle Stanevich
STAFF WRITERS

The gaming industry is currently centered on the Big Three; Nintendo, Microsoft, and Sony. They will be in for a big surprise this holiday season as their flagship consoles will now, for the first time, be competing against their smaller cousins, the microconsoles. The eighth generation will see not only a war between XBOX One, PlayStation 4, and Wii U, but also the microconsoles battling it out to fill in the gaps.

OUYA was the first in this new wave of living room gaming. OUYA is a \$99 Android based console featuring a nVidia Tegra 3 Quad-Core chip, 1GB RAM, 8GB Internal Flash Storage, WiFi, USB, Ethernet, and HDMI ports, all packed into a 3 inch cube. The console is so small and light that weights are needed to prevent it from being pulled

around by cables connecting to it. OUYA started, as many great new projects are these days, via the crowdfunding site Kickstarter. After receiving overwhelming support of \$8.5 million, well beyond the original \$950,000 goal, the open source console entered development and shipped June 25.

The founder of OUYA, Julie Uhrman, upset by the move of game designers from the TV to mobile and web based platforms started this project with the intent of disrupting the establishment. Targeted at casual and social gamers, OUYA games are, "Free to try, Free to love," sporting 506 of them specifically designed for OUYA. Well-known games publishers, such as Square Enix (Final Fantasy) and Mojang (Minecraft) have promised titles for OUYA.

OUYA is not only friendly to gamers, but also a developer's dream. Consoles today are very closed, expensive, and difficult to design for. The OUYA development kit has

been available since the beginning to anyone who wants to get involved. OUYA has also introduced their "Free The Game Fund", \$1 million set aside for visionary developers to pursue their ideas. Unlike other consoles, hardware modding and rooting are actually encouraged. The whole device is held together by a few standard screws and disassembles easily. Rounded out with a modified version of Android 4.1 Jelly Bean, OUYA lends itself to software hackers for root and complete customization.

OUYA has received luke-warm reviews since it was released, but the team uses this feedback to update their product. Many reviewers note a lack of strong titles exclusive to the OUYA, but this will be solved with time, and is always a problem with new consoles, even the Big Three's. From hands-on experience, the OUYA is comfortable and fun. All games have a free to play element and the free titles lack the gimmicky feel that "lite" apps

have on the Google Play Store. More remains to be seen from the community and its only hope is that they remain strong. Unfortunately, without more adopters this holiday season, OUYA may disappear in a similar fashion to the HP Touchpad and WebOS.

OUYA will also be facing stiff competition in this new microconsole space. PC peripheral design company Mad Catz has its own Android console known as MOJO which promises PC streaming and is shipping December 10. nVidia's Project SHEILD also seeks to cut in on the action by allowing PC gamers to play their games with complete portability. Lastly, there is yet another successful Kickstarter project, GameStick, which just shipped November 6. This USB-sized HDMI stick promises an experience similar to OUYA with a much smaller form factor. Watch this space for more hands on reviews, including one of the GameStick next week.

City dazzles while Palace struggles in Premier League

Nathan McMahon
SPORTS EDITOR

This weekend in the Barclay's Premier League was highlighted by the battle of the top four teams between Arsenal and Liverpool. Arsenal was able to disrupt the fluid attack of Liverpool and got goals from Santi Cazorla and Aaron Ramsey in their 2-0 win to push them further up in points with 25 while Liverpool sits behind in third with 20 points.

Crystal Palace was once again beaten

to keep them at the bottom of the table in a 2-0 loss to West Bromwich Albion. This leaves Crystal Palace with just 3 points while West Brom pushes up to the top half of the table with 13 points.

One of the strangest goals that will ever be scored was scored by Stoke City's goalkeeper, Asmir Begovic, in the first 13 seconds of the game as he scored a 100 yard goal that skipped over the Southampton keeper's head. This ties Begovic for top scorer on Stoke city while Jay Rodriguez brought the Saints even

to avoid losing all three points.

Southampton remains a mere point out of the top four with 19 points while Stoke have escaped the bottom three with the point and have 9 points. Manchester City put an absolute battering on Norwich City in a 7-0 win. City got goals from five players with the other two goals coming off Norwich City own goals. City has 19 points now while Norwich is now in the bottom three with 8 points.

Manchester United finally looked like league champions as they absolutely dominated

Fulham to a 3-1 win with goals from Antonio Valencia, Robin Van Persie, and Wayne Rooney in the first 22 minutes.

United moved up the table with 17 points while Fulham continues its dreadful start with just 10 points. Chelsea struggled in a 2-0 loss to Newcastle United after its busy week with Champions League and League Cup matches as well. Newcastle got their goals from Yoan Gouffran and in form Loic Remy to give them 14 points while Chelsea remains in second with 20 points.

Volleyball seniors leave season at top of their game

Nathan McMahon
SPORTS EDITOR

The Scarlet Hawks Women Volleyball team honored their five seniors, Lauren Capuano, Brittany Mead, Rebecca Wilson, Kate Kendall, and Roma Mirutenko on senior night in their final game of the season against Roosevelt University. The seniors had a huge impact on the program and left their final mark in a dominating win in three sets.

Roosevelt was absolutely overwhelmed in the first set by the Hawks energy coming out from the first set fueled by the large Scarlet Hawk crowd. Seniors Roma Mirutenko and Kate Kendall led the attack all night starting in the first set. Each had 10 kills on the night which helped to increase Kendall's kill record she set while a member of the team. The first set ended 25-15 in favor of the Hawks and the second set went much the same.

Rebecca Wilson led the charge for the Hawks in the second set as part of her 5

kill night.

Much the success was due in part to the perfectly weighted sets by sophomore setter Adrian Walther. Walther recorded 29 of the Hawks total 35 assists in the game. The defensive effort of Brittany Meade also was a big factor as she collected 13 digs to go along with 5 assists on the night. This set ended 25-19 on screaming ace by junior hitter Taylor Duman who also had 9 kills on the night.

In the third and decisive set the Hawks got contributions from freshman Cassie

Hansen who had all three of her aces in the third set to swing the momentum back to the Hawks' side in a tightly fought final set.

In the end the energy and powerful play of the Hawks proved to be too much for Roosevelt as Roma Mirutenko closed out her career with the game winning kill to give the Hawks the 25-23 set win and the game win as well. The Hawks ended the season with a 12-19 record and will look to continue improvement on the great work done by the seniors in their four years.

Hawks take down defending conference champions

Bart Grabowski
TECHNEWS WRITER

The Hawks looked to get back in the win column Tuesday night, hosting the Cardinal Stritch Wolves in a conference showdown.

The Wolves were currently on a 9-game unbeaten streak and were receiving national votes for the NAIA division. IIT looked to break their 5-game losing streak and officially end their 10-year run in the CCAC and NAIA Division. The Hawks are moving to the Northern Athletic Collegiate Conference and NCAA Division III in the upcoming years.

Illinois Tech started the first half

strong with great sequences of possession within the first 15 minutes of the game. The Hawks looked poised to score early as forward Sam Smith had the Hawks first best chance. The shot came from a touch by Smith just around Cardinal Stritch's defender.

The Wolves outstretched keeper saved Smith's shot. Shortly after, senior forward Robert Rixer gave the Scarlet Hawks a 1-0 lead. The goal came off a missed header by a Cardinal Stritch defender. Rixer volleyed the ball into the back of the net just 15 minutes into the game. The Hawks took a 1-0 lead into halftime.

Illinois Tech looked to keep their first half momentum going, in what looked to be a

hard fought second half. The Wolves opened up the second half with numerous offensive sequences, which kept the Hawks on their defensive heels.

However, just 10 minutes into the second half, the Wolves found the back of the net from their midfielder Taylor Bacher. Throughout the second half the Hawks and Wolves exchanged shots, but neither could break the 1-1 tie. Both teams were now primed for an overtime battle.

Illinois Tech was verged to score in overtime by providing relentless pressure in the beginning minutes of overtime. Three minutes in, junior middle midfielder Brahandon

Ramirez settled a ball just above the 18-yard box.

He then dribbled inside the 18-yard box and shot a rocket kick that sailed past the goalie's reach. It turned out to be the game winner and the Scarlet Hawks prevailed in their last CCAC conference game ever.

Illinois Tech finished off their season with a 6-9-3 record, and 4-7-1 record in conference play.

The Hawks look to win their last game of the season as they face Nebraska Wesleyan University as Illinois Tech hosts their Provisional Independent Tournament Championship.

Women's soccer wins one on the road

Veronica Torres
TECHNEWS WRITER

The Illinois Tech Women's soccer team emerged victorious Saturday in Indiana after a 2-0 decision against Calumet College of St. Joseph. The lady Hawks improved to 5-12-1 on the season after the shutout win.

The first half started off slow for Illinois Tech, allowing the home side eight shots in the period. However, Roxanne Myers

was able to keep the Hawks in the game with several outstanding saves. Even without a single shot and a rather lackluster performance in the first stanza, the Hawks managed to keep the match scoreless.

After the break, Illinois Tech came out flying in the second half. Dominating possession, the Hawks were able to take control of the game. By the 65th minute, their constant attack and pressure was finally rewarded with a goal. Freshman Anida Phetchanpheng

forced a Calumet defender to turn it over and the Hawks made no mistake in punishing them. After winning the ball, Phetchanpheng played the ball to fellow freshman Melanie Standish across the field who then played it back. Phetchanpheng set up Meredith Tedtsen who placed a perfect left foot shot into the side netting for her first college goal.

Fifteen minutes later, the Scarlet Hawks solidified their win by finding the back of the net once more. Standish applied pressure

to the Calumet goalkeeper, and Ade Maron was able to pick up the ricochet. She then took the ball across the endline and sent a cut back pass across the box to an oncoming Veronica Torres who then clinically slotted the ball away.

The match ended with a dramatic finish as Calumet was awarded a penalty in the last three minutes. Myers made another brilliant save to preserve the shutout. The Hawks look to finish the season strong as they host an independent provisional tournament.



Friday, November 15th

Men's Basketball
vs. Purdue University, Calumet
7pm, @Calumet

Women's Basketball
vs. Coe College
5pm, @IIT, Keating

Saturday, November 16th

Men's Basketball
vs. Benedictine University-Springfield
3pm, @ IIT, Stuart Field

Men & Women's Swimming & Diving
3pm, @ Grinnell College

Women's Basketball
TBA

ILLINOIS INSTITUTE OF TECHNOLOGY University Calendar November 11-17

Monday

Veterans Lunch
MTCC Welcome Center
12:00-2:00 PM


General Body Meeting
Engineers without Borders
Perlstein Auditorium
12:40 PM

General Body Meeting
Black Student Union
Wishnick Hall
12:50 & 7:00 PM

Tuesday

Holiday Mail for Heroes
Red Cross IIT
MTCC Bridge
11:00 AM-2:00 PM

Student Life Leader Session
OCL & RGL
MTCC Auditorium
1:00 PM

Coffeehouse Series
 Union Board
Welcome Center
7:00 PM

Wednesday


Career Connections
Career Management Center
Hermann Hall
4:00 PM-7:00 PM

Rick Barnes, Speaker
Greek Council
MTCC Auditorium
9:30 PM

Thursday

Lab Safety
Engineering Themes
Perlstein Hall
12:50 PM


Occupation 101 Film
SJP
Perlstein Auditorium
5:00 PM

Comedian: Prashanth U.
Bog Events
 The Bog
9:00 PM

Friday

Sustainability Forum
OCES
HH Ballroom
12:30 PM

Ghostcrawler is Coming
Lewis College of Human Sciences
HH Auditorium
3:30 PM

Caribbean Night
Bog Events
 The Bog
9:00 PM

Saturday

Zip Lining
ISO
Lake Geneva
5:30 AM

Placement Panels
Alumni Association
MTCC Ballroom
9:00 AM-1:30 PM

Sunday

Free Weekend

Upcoming Union Board events

Bog Meeting!
Monday at 1 pm in Executive Conference Room

Scarlet Fever Meeting!
Tuesday at 9:30 pm in UB Office, MTCC 221

Impact Meeting! *New time!*
Thursday at 1 pm in UB Office, MTCC 221

Just a reminder, if you want
your event on this page, make
sure it is on the UCal
Invite calendar@iit.edu
to your events!

Coffeehouse Series with
Kyshona Armstrong!
Welcome Center
Tuesday at 7 PM

Watch her
perform
here!



board

union
board