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By Richard Duncan
EDITOR-IN-CHIEF

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Allan Myerson about an administration between council members and departments, including the Dean of Students. Myerson says that a faculty search committee would be appointed in either case. When asked if students would also be involved, he said that students are always included.

In the split version, the non-academic areas could be overseen by an administrative officer, though carrying a title with the name "Provost" usually implies some academic responsibility or background. This is true for many universities, though not necessarily the case for IIT or this reorganization. According to the Faculty Handbook, an academic position would require a faculty search committee to appoint, while an administrative one would not. Myerson has stated that a faculty search committee would be appointed in either case. When asked if students would also be involved, he said that students are always included.

A decision on reorganization is not expected this academic year, and the UPC is expected to provide recommendations by its April 8 meeting. Student affairs traditionally encompasses all extracurricular activities of OTS/TeCHNEWS STUDENT TECHNOLOGY SURVEY
Reliability, wireless need improvement

By Richard Duncan
EDITOR-IN-CHIEF

SURVEY RESULTS
"I am satisfied with..."

Computer Lab Hours
Network Speed
Network Reliability
Wireless Coverage

One surprising demographic, however, is how long respondents have been at IIT. Over 40% are in their first year of study, whether graduate or undergraduate, and 23% are in their second year. Only a quarter of those who answered the complete survey are in their third of fourth years, with 5% having been at IIT more than four years.

On the topic of the services provided by OTS to the campus, including labs, telephone service, and distance learning, results were mixed as to student satisfaction. Despite current efforts by a number of groups, including the Graduate Students Association, to gain more labs on campus, only 85% of respondents were satisfied or strongly satisfied with the equipment currently available in the various labs on campus, and only 16% were not satisfied with the hours of the labs. A full 85% of respondents were graduate students. OTS does not run the labs in Alumni, Crown, Engineering One, Siegel, Staut, the HUB, and MSV. A large majority of respondents felt that the software available served their academic needs (77%) and the number of computers available were sufficient (65%). While quality of printing available was an issue for most (62%), fewer (55%) felt that enough printers were available.

Three-quarters of the respondents also wish to see wireless networking added to the labs. Satisfaction with the OTS Support Desk and IIT email accounts, however, was far less resounding. Only 41% of those surveyed felt satisfied, but only 9% were dissatisfied. Twenty percent expressed that they had not used the Support Desk. For email, only 44% of the students use their IIT email address as their primary address, and only 34% are satisfied with the size of the account. Only 1% do not check their IIT email address, though.

With any survey, the Student Technology Survey also shows how many misconceptions exist about IIT’s technology infrastructure and offerings. Many felt that wireless coverage in some classroom buildings was horrible, but these buildings aren’t even serviced by official OTS wireless networking. The McCormick Tribune Campus Center, Galvin Library, Crown Hall, and the lounge areas of MSV are some of the only places on campus with official wireless connectivity, and though many faculty members and research labs have set up their own wireless access points, these are not serviced by OTS.

Others wished the MTCC lab was more results and analysis on page 14
Old News

Integral Ball to offer gala night from Volume 49, Issue 7 9/23/1949

Bid sales are already underway for the 1950 Integral Ball. Tech students and their "queens" are awaiting the October 14 event in the impressive grand ballroom of the Hotel Sherman. Gay Claridge, his twelve-piece band and vocalist, of Chez Paree and Edgewater Beach hotel fame, will provide the musical setting for dance floor integrations.

Though dress is informal, none of the prom of the semiremval Integral Queen crowning will be missing. Novel "glow-in-the-dark" kids will help partners keep track of each other during special "blackout" dances.

Bennie Duplay's coving instrumental trio of guitar, accordion, and bass players will be on hand for table-hopping entertainment, while acrobatic comedian Larry Griswell will show spectators a few new twists at intermission time. Larry, a U.S. Olympic diving champion, has just returned from a successful European tour of his act, including a performance for the King and Queen of England, and has made several movie shorts for Paramount studios.

Sponsor of the event is the senior class of February, '50. Arnold Salka, in charge of ticket sales, revealed this week that with the purchase of a bid, a whole or any part of a table might be reserved. The reservations must be paid up by September 30, however.

Bids will continue to be on sale for $3.60 per couple at the booth in the North Union lobby up to the day of the dance. A floor plan will be available to buyers at the booth for making table reservations.

Editorial: Don't let the swimming team drown from Volume 55, Issue 7 11/14/1952

Once again lack of student interest has hindered the operation of a usually successful activity. This time is the swimming team that is finding it difficult to field a representational squad.

Up until last February the swimming team was well managed and did very good in intercollegiate competition. Then graduation hit the team, with the majority of the top flight splasher leaving school.

Unfortunately adequate replacements have not been forthcoming. The team is in dire need of new talent. If no new talent shows up immediately, the '52-'53 schedule will have to be discarded.

This action is rather drastic in such as it is almost as it is impossible to get a sport going after it has been thrown away. Coach Hown has worked hard in the past to produce representative squads and is working hard this year with the men who have turned out. However there just isn't enough talent for him to hold a team.

Especially needed are crawl strokers in as much as this event is the backbone of a swim relay composed of crawl strokers.

At present not one man on the team can better 60 seconds for the 100-yard free style, Especially needed are crawl strokers in as much as this event is the backbone of a swim relay composed of crawl strokers.

Letters to the editor may be submitted. Letters addressing the property of TechNews once they are submitted. The writer of a letter to-the-editor must type and sign his name and leave a phone number or e-mail address where he can be contacted. TechNews does not publish anonymous letters.

LETTERS TO THE EDITOR

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Editorial policy

The editors reserve the right to determine if submitted material meets TechNews' policy and standards. Writers of unsolicited articles will not be paid, even if the material is published.

your voice. your newspaper. your TechNews
Here’s To The Night

Gala 2005

Hotel Allegro (171 W. Randolph)

Saturday March 26, 2005
9:00 PM - 1:00 AM
Buses leave from MSV -- 8:15 PM
Or take Green Line to Randolph Station and walk 3 blocks west
1 guitarist, 1 acapella band, 1 dance group
1 comedian, 2 DJs -- 1 night of fun

Tickets: $7, $12 on the day of the event. Sales starting March 7, on the MTCC Bridge during lunch and dinner
For Further Information Contact ub@iit.edu
Sponsored by UB and SAF
It is time to make some decisions

By Richard Duncan
EDITOR-IN-CHIEF

W e have an opportunity for SGA Executive Board coming up soon, and you are probably expecting me to do one of these.

Last year, after writing for months about SGA this and SGA that, I made perhaps the move in late February along with four fellow student leaders and friends to run as a “ticket” for SGA Executive Board. Though it still astounding me how quickly word spread, we very soon found ourselves in the most talked about and closest of all the races.

I may not have won the presidency that year, but I did come home in May feeling pretty about things. Of course, the $10,000 award and job with NASA may have had something to do with that, but hey, I am giving a majority of that money back to SGA student life, and they didn’t actually let me go into space.

This year has been far less of a stellar year, though. Though no major issues have arisen and no black ads have been run in TechNews, a couple of things have happened that the year is not as bad as it could have been. I can’t let this opportunity to truly tell the tide for another 50 years.

And that’s why, so that I may do my part to help bring back all the pride and excellence that Armour Tech and IIT had way back, I would like to announce that I am not running for SGA President this year.

Yep, not running.

Didn’t see that coming did you? You see, what this year has taught me more than anything is that sometimes you just have to let things go, and let others pick up the torch, whether they actually do it or just drop the ball like so many before. We can’t afford to keep going on and on like this. We (and I mean the entire IIT community) have a great opportunity to truly stand together as a community and work through all our problems, no matter who is right, who is wrong, or who’s fault it is that we’re still sitting on that Taco Bell, barber shop, Mies museum, E-Z, and a complete maps of the tunnels.

I’ve made my decision. I’m going to continue fighting to make the student experience here at IIT the best it can be. But I can’t do that as SGA President, or even as Editor-in-Chief of TechNews. Those are titles and positions that must focused on the greater picture, and can’t afford to be populated by personalities that would short change the student body. The fights I’ve fought the past four to twelve years we go to IIT. (Yes, I used to be and still am rather quiet and shy. I’ve just found a bit of boldness in writing and some more in speaking my mind. Ask me to go up to some random girl and get a date, and I’ll probably try some idiotically corny line that would fetch less attention from a flock of crows.)

Right now you are reading the words of a frustrated, tired man. It often seems like no matter what good can be brought about, it never seems to stick. Why can’t we go a semester without messing something up? Why can’t things just work every once in a while? Why do we think that just good enough is ever good enough?

We have a lot of decisions to make. Most importantly, we have to decide to stand together as a community, and work through all our problems, no matter who is right, who is wrong, or who’s fault it is that we’re still sitting on that Taco Bell, barber shop, Mies museum, E-Z, and a complete maps of the tunnels.

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Rich’s Rant

Letters to the Editor

Letter to the Editor

Letters to the editor are accepted at the TechNews of the Illinois Institute of Technology, 10/2/1953) do now.

One letter to the Editor was received this week regarding the article printed in the February 22 issue of TechNews entitled “Maje’s Musings: The color of cheating.” However, this letter did not conform to TechNews’ standard of printing in that it was not signed and made use of an anonymous email account. This policy is clearly stated each week on page 2 in the publication information bar, and is strictly adhered to.

Let us know what you think! Submit your letters to the email gonzric1@iit.edu, or submit print letters to the TechNews office.

TechNews presents Russell Peters

ISA presents

March 31st
9:30 pm doors open at 9
HUB Auditorium
Tickets go on sale Friday at 312.804.3091
$5 IIT students at the door
$10 Non-IIT students at the door
Sponsored by ISA and ISA. Advertising by TechMedia.

SA FEBRUARY 2005

Ricardo Gonzalez, Editor
gonzric1@iit.edu

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TechNews
Tuesday, Mar. 8, 2005

on March 31st
A drift away from Steve Fossett became the first person to make a non-stop, solo flight around the world on Wednesday, using a balloon that took him 18 days to complete the flight. The flight was dogged by an unanticipated fuel shortage that for a time jeopardized its completion. Immediately after leaving the cockpit, a jubilant Fossett hugged his wife, Peggy, and was congratulated by Sir Richard Branson, the Virgin Atlantic founder who financed the flight. "That was something I wanted to do for a long time, a major ambition," Fossett said. Although he looked surprisingly fresh, the millionaire from Chicago said he was tired and ready for a bath and a good night's sleep before he set off on the ground. "We had to go back on the ground," Fossett said. "It's one of the hardest things I've ever done." The millionaire feud flew around the world alone without stopping or refueling, landing in central Kansas after a 67-hour, 23,000-mile journey that appeared endangered at times by a troubled fuel system.

By Sherine George

Los Angeles

The Oscars were handed out Sunday, Feb 26th, and the big winners were Million Dollar Baby (Pitt, Swank, Norton, and Clooney), with four Oscars and The Aviator (DiCaprio, Scorsese, Garson, and Sorkin), with five. Hilary Swank won the best actress award for her role as Carol Lynley in Million Dollar Baby. Jamie Foxx won the best actor award for his role as the legendary Ray Charles in the movie Ray.

By Sherine George

By Y. Chrysostomidis

California

Prosecutors laid out the child molestation and conspiracy case against Michael Jackson on Monday, March 7th. The trial stems from an interview with the late, 19-year-old girl, James Safechuck, who testified that he was held captive by Jackson, who, with his brother and others, drank grog and sang karaoke while he was under the influence. The Jackson trial was expected during the next few days.
TechNews and the Office of Technology Services would like to thank all those who responded in the Student Technology Survey. It is only with your help and feedback that we can hope to improve technology services at IIT. We encourage you, though, to continue to give us feedback about the technology and network offerings here at IIT so we can continue to make improvements.

Congratulations!

TechNews and the Office of Technology Services would like to congratulate the following winners of Dell Axim X5 handheld PCs as part of the Student Technology Survey:

Daniel Wolkenfeld, 4th year ECE
Adam Frederick, 5th year CAE
Liang Zhao, Master’s candidate ECE

THINK AHEAD - ACT NOW  FALL 2005

APPLICATIONS FOR THE IIT/RUSH MEDICAL COLLEGE COMBINED HONORS ENGINEERING AND MEDICINE PROGRAM ARE AVAILABLE NOW IN THE PREMED OFFICE E1-116

DEADLINE IS MARCH 21

Program Description

Illinois Institute of Technology and Rush Medical College offer a joint admission program for motivated and intellectually promising college sophomores preparing to attend medical school upon completion of their undergraduate degree and who intend to become research-oriented physicians. This program is for current IIT sophomores majoring in chemical engineering, electrical engineering, computer engineering, mechanical engineering, computer science, or molecular biochemistry and biophysics, and for students attending other colleges or universities and transferring to IIT after completing their sophomore year.

Students will be admitted to this program the summer between their sophomore and junior years and will complete their undergraduate degree at IIT. As part of this experience they will participate in a year long research project that bridges engineering/science and medicine. Upon admission to Rush Medical College, students will be able to select either a M.D. program, or a M.D./Ph.D. program.

Eligibility

- IIT students who by the end of Spring 05 will have between 48 and 72 credit hours left to meet the requirements for their major and the Premedical Studies minor and will graduate no earlier than Spring 2006
- Minimum of a 3.25 cumulative GPA
- Students majoring in chemical engineering, electrical engineering, computer engineering, mechanical engineering, computer science or molecular biochemistry and biophysics
- Applicants should have successfully completed or be close to completion of courses which include eight semester hours in biology or zoology, eight semester hours in laboratory courses in inorganic and in organic chemistry, and eight semester hours in general physics

This is a highly competitive program with limited space available.
Compiled by M. Pros

CHICAGO EDITOR

This article is not about free housing on campus. But about housing that is free of campus. Housing where your mandatory board plan doesn’t give you food borne illnesses (not that any other ones necessary do give you food borne illnesses) and where you can have your own 10x10 room that you don’t have to split down the middle with a roommate. This article talks about housing, off campus, out middle with a roommate. This article that you can have your own 10x10 room that any other ones necessary do give you food borne illnesses (not

Bridgeport

By Sabine Kollwitz

Almost every student has heard of Bridgeport, a few have even ventured there for San Jose, Pauch’s or Freddie’s, but few know of the greater charm associated with life in Bridgeport. Bridgeport offers with ITT students for good reasons. Housing is cheap and usually designed to accommodate IIT students about the neighborhoods that they call home.

Bridgeport

By Sarah Larson

The good parts of living in Evanston are that from Evanston to campus it’s an hour train ride to keep on top of class readings (the hour commute on the “sometimes not so pleasant Red Line” is also a down-side). And downtown is a 25 minute walk from my apartment. Along the way are find unique shops and restaurants, such as: Lynda’s (the finest Mexican Restaurant in the Chicagoland area with respectable prices), antique and consignment shops, fabric stores, therapeutic salons, eclectic dining, and what place wouldn’t be complete without a movie theatre that actually gets most of the independent films released and a Chill’s complete with carry-out. In the summer Evanston hosts the Custer’s Last Stand Festival of the Arts. During this time, streets are lined with works of photographers, furniture designers, pottery, paintings; the findings are endless except for parking. Working out is better because you can actually go running early in the morning and you won’t appear out of the ordinary or get ridiculous catcalls. Life up North seems sweeter, but it does have it’s drawbacks, such as not being able to walk across the street for a Sox Game anymore. Your campus friends don’t “drop-in” anymore and suddenly your cell phone replaces a lot of communication. The cost of living in Evanston is higher than other typical off-campus neighborhoods, but the area is much safer and the community reflects the life in small towns with many luxuries and entertainment independent of downtown Chicago.

Evanston

By Melissa Pros

By Melissa Pros

Some places to visit with walkable venues:

Naperville

(Burlington Northern Santa Fe Line from Union Station) - short walk to downtown Naperville, North Central College, Naperville Riverwalk

Oak Park

(Union Pacific West Line from Ogilvie Station) - short walk to shopping including Old Navy and Borders bookstore, great restaurants, suburban atmosphere

Kenosha

(Union Pacific North Line from Ogilvie Station) - Leave the state and see what Wisconsin has to offer - great outlet shopping and more!

Barrington

(Union Pacific District North West Line from Union Station) - take a cab to nearby Woodfield Mall in Schaumburg or stay in Barrington and check out Medieval Times!

Check the schedules and other info at www.metra rail.com

Chicagoland area with respectable

On the Cheap

By Melissa Pros

Stuck in Chicago for Spring Break?

The Metra Trains are a great way to get outside of Chicago, and cheap! Metra’s $5 Weekend Pass offers unlimited rides on both Saturday and Sunday. Buy the ticket either day and travel all you want. It’s not valid on the South Shore Line, but there are still tons of other places to go.

Press Pass

Compiled by M. Pros

CHICAGO EDITOR

Tuesday 3/8/2005

Pressing the Daily House of Blues

Wednesday 3/9/2005

My Chemical Romance:The Used Aragon Ballroom

Friday 3/11/2005

Margaret Cho Chicago Theater

Spitfield

Metro

Interpol

Aragon Ballroom

Wednesday 3/16/2005

Tori Amos

Borders Books and Music

Saturday 3/26/2005

Lucky Boys Confusion

Double Door

Breaking Benjamin

The Vic Theatre

Sunday 3/27/2005

Lil’ Romeo

House of Blues

Monday 3/28/2005

Backstreet Boys

House of Blues

the summer when the hot dogs stands are open and the residents pull out the lawn chairs. Several streets even have block parties to add to the fun. Bridgeport is very safe for being so near to the crime ridden South Side. It might have something to do with the fact that the Daley family is originally from there and they have family that still dwell in the heart of Bridgeport. The downsides are that even the mile distance seems too far to travel for class. Plus, on cold winter nights, you wish you had the relentless heat of the doms instead of the realization that heating to that capacity is really more like a neighborhood.

Bronzeville

By Derya Cevickoglu

I have been renting in Bronzeville since last June. I do not seem to find many cons about it all to be honest. I walk to school every day and never get bored. I have even walked in the dark and felt safe. Our neighbors are all homeowners and are raising their kids here. We hear some sirens in the night for the police station and fire department are close by, but that

Bronzeville

Bridgeport (left), ITT’s neighborhood to the west, is home to many housing options for ITT students. Many businesses and historic mansions also populate Bridgeport, which is just a walk over the Dan Ryan Expressway from the Main Campus.

Bronzeville (bottom) is the center of Chicago’s jazz scene.
So you can’t go to Thailand with me, but...

By Melissa Pross

Chicago is not even a week away and I’m hardly able to contain my excitement. Finally, a week off from class, which I’ve been looking forward to for the better part of a week. Next week I’ll have to ditch. And come Friday, I’m off to Thailand. If you can imagine the thought of a week without class to keep you from remembering how boring it is, you have to come to the reality that you are stuck at IIT for the weekend. Luckily I picked out a good cheap fast food place. Swank Frank features $7.00 awesome food perfect for carryout or delivery orders over $10.00 receive a free appetizer of the day). Thai Bowl is open late; so you can come here after catching a show at the Double Door (across the street)

By Mike Condeil

Chasing Break is not even a week away and I’m hardly able to contain my excitement. Finally, a week off from class, which I’ve been looking forward to for the better part of a week. Next week I’ll have to ditch. And come Friday, I’m off to Thailand. If you can’t go, don’t worry. I am leaving you this bit of conversation. Also, get the Thai Iced Tea/Coffee, for $1.50 you get a tub of it and it comes with free refills!

Unas Mae’s is the best of the best of the when it comes to vintage clothes. They pride themselves on quality stuff. Don’t come here looking for a replacement Panterella skirt, you’re just going to look stupid. When I went there they were featuring some silly-looking conductivity jackets. However, the warning with Unas Mae’s is that if you see something you like then buy it right away because it won’t be there next time. Myopic Books

Swank Frank

Now that you’ve spent all your money on books and new old thongs you feel your stomach growling. Luckily I picked out a good cheap fast food place. Swank Frank features $7.00 Asian food perfect for carryout or delivery orders over $10.00 receive a free appetizer of the day). Thai Bowl is open late; so you can come here after catching a show at the Double Door (across the street)

Uma Mae’s is the best of the best of the when it comes to vintage clothes. They pride themselves on quality stuff. Don’t come here looking for a replacement Panterella skirt, you’re just going to look stupid. When I went there they were featuring some silly-looking conductivity jackets. However, the warning with Uma Mae’s is that if you see something you like then buy it right away because it won’t be there next time.

From remembering how boring it is, you have to come to the reality that you are stuck at IIT for the weekend. Luckily I picked out a good cheap fast food place. Swank Frank features $7.00 Asian food perfect for carryout or delivery orders over $10.00 receive a free appetizer of the day). Thai Bowl is open late; so you can come here after catching a show at the Double Door (across the street).
Now, all your incoming calls can be free.

(Even the ones your friends think you can hear.)

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Unlimited CALL ME Minutes are not deducted from package minutes and are only available in the local calling area. Unlimited Night and Weekend Minutes valid Monday through Friday 9 p.m. to 9:59 a.m. and all day Saturday and Sunday. Night and Weekend minutes are available in local calling area. Local calling area differs from package calling area. See map and rate sheet for details. Mobile Messaging — a charge of $1.10 per outgoing message applies if no messaging package is selected or existing package limit is exceeded. Picture Messaging requires U.S. Cellular equipped phone and color display. Offer valid for two-year consumer service agreement on local and regional plans of $39.95 or higher. All service agreements subject to an early termination fee. Credit approval required. $35 activation fee, $15 equipment change fee. Roaming charges, fees, surcharges, overseas charges and taxes apply. $0.55 Federal and Other Regulatory charge applies. This is not a tax or government required charge. Local network coverage and reliability may vary. Usage rounded up to the next full minute. Use of service constitutes acceptance of our terms and conditions. Other restrictions apply. See store for details. Limited time offer. ©2003 U.S. Cellular Corporation.
Learn about Eshu, a place inhabited by faeries and mythical beings, and their music. The text discusses how their music literally reminds one of a walk through a magical forest and creates a certain picture. The music is so beautiful that it is quite interesting to see the difference between the women's sides of the exhibition and the men's. Issues such as immigration, optical illusions, the future of US Cellular field, and art fairs are raised in the exhibition. The more lyrical reportage by Van Dijkstra poses questions about the architectural minds of today. The MCA seriously needs to wake up and make the audience aware that tourism is trash, Americans should be shocked by something that has been designed, and the architecture is tired, forced, and completely lacking of any redeeming quality. The MCA exhibits a photo-essay on the Empire State Building in the drywall. An entire room full of cardboard, pornography, and artsy-fartsy Stock Exchange. Many other treasures, not to be taken lightly. The exhibit is one of documentary centering around the world of Bertien van Manen and that of Kineke Dijkstra. Dijkstra poses questions about the meaning of identity and the human condition in monumental portraits. The MCA has had in the past few years. The MCA has been displayed. The Floating World Emerging: Selections from the Chicago Buckingham Collection, Part I March 19-May 24, 2005 Gallery 11.
W e have often heard about peo-
ple who are tutoring at gram-
schools or working at hospitals, as part of community service, and
wonder what they mean. TechNews
had the opportunity to talk to Debo-
rah Brown of the Community Devel-
opment Department to get some more
information about the way things
work between the Illinois Institute
of Technology and the neighboring
communities.

The Community Development
Department serves as the liaison be-
 tween the community and the school.
This office works to connect the IIT
and the community schools, church-
es, hospitals and other community
based organizations. These resources
are available to tutor the students in
subjects like Math, Reading and
Computer Science. Students also
work with senior citizens and non-
English speaking communities in a
community service environment.

There is no special criteria for the
students that work for this office.
We run through the work study
program and students get paid by
Federal work study. Many of the
students are Cyra Tang scholars, who
are required to do community service
in their scholarship year. They also
work with fraternities, sororities
and some student organizations that are
committed to community service.
They recruit students for internships
into other community serving organi-
zations, like the Chicago Transit Au-
thority and the Chicago Housing Au-
thority. Currently, there are about 30
students working with this office, and
this number excludes those from the
fraternities and other organizations.

Any student can do community
service. The major things that are
considered are interests and skills.
They try to put students on loca-
tions that would benefit for them
personally and professionally. A bio-
medical engineering student would
love to work in a hospital, that would
definitely help in their field. Also, en-
ingineering students would mostly help
to tutor the kids in math and com-
puter science students normally help
to teach students and senior citizens
the basic computer skills. The length
of time that a student can work here
depends on the fact that every person
with different kinds of students.
Considering the fact that there are
so many different interests, back
grounds and cultures represented
in the student body, it would be a
 good way to show people from all
those different backgrounds are recog-
nized and represented here. As
an example of the kind of collaboration
that can exist, TechCom is an enter-
tainment convention that is being
planned along with other student organiza-
tions.

“This first season has been
great. I currently serve full time as
a Senior Mentor for FIRST (www.
usfirst.org), a national non-profit
organization dedicated to inspiring
innovative minds in science and technology.
My position involves recruiting full
time mentors for FIRST Teams and
I’ve been focusing on the under-
served community here on the
south side of the city. The FIRST
Robotics Competition (FRC) season
officially starts with the competi-
tion kick-off in early January, where
teach team across the country and in oth-
er parts of the world come together
to discover what your year’s game
will be. From each, each team of high
school students are given six
weeks to design and manufacture
robots weighing up to 120 pounds
(including the battery) to take part
in the competition.

Teams are sponsored by com-
panies including Ford, GM, NASA
and thousands of other who desire
to inspire innovation, it is usually
very expensive to compete in
FIRST. Also, without sponsors
companies are invaluable to stu-
dents and teams as a whole. It has
been a big challenge for us, that
being involved and volunteer-
ning for FIRST is a great way to
meet corporate sponsors; that with
engineers in many industries,”
Sam Solomon, IIT student. There
are many regional events across
the country for teams to compete in,
the closest to IIT being the Midwest
Regional Competition coming up early
next weekend.
Forum shows religious diversity

By Vaibhav Agrawal

Wednesday, March 8 IIT had its first religious forum discussion in an almost entirely packed MTEC Auditorium, in which the major religious organizations at IIT were able to collectively collaborate and present an informational discussion session to the IIT community.

The idea of the religious forum was the collective effort of several religious organizations, but the idea was initiated by Intervarsity Christian Fellowship and members, Andreas Higoshi and Mary Hammick both take a major role in the organization of this event.

"It was amazing that students organized this event on their own," commented Dean of Student Affairs Doug Griger. "This event was able to promote a deeper understanding of spiritual diversity, and the interest by the IIT community was truly genuine." Each religion had a representative who gave the presentation and answered any questions from the audience and these representatives were largely selected by the representing religious organization on campus. In the instance where an organization for a particular religion was not assembled on campus, interested speakers were chosen.

Representing the Abrahamite Community was Even Faurat, the Bahá’í faith was represented by Midhi Valeth, the Christianity faith was represented by Tony Thomas, Hinduism was represented by Syed Kaschif Ahmed, Islam was represented by Kendra Akins via Sufi Islam, Judaism was represented by Joshub Berger. Each of these representatives were knowledgeable enough on their religion to present an informative presentation and answer any questions from the audience.

"Intervaristy originally had this idea of having a religious discussion between leaders of many other faiths in order to be able to build relationships and learn more about their beliefs while also being able to share our beliefs with those on campus," explained Higashi. "It felt that many were able to hear the major beliefs and doctrine of each religion and it was able to spark up a new interest in the IIT community."

Overall, the event was a success by all measures. The event was planned such that the presentations would last from 8:30-9:30 pm and then questions would be taken from 9:30-10 pm, but the student interest was so overwhelming that questions were taken until 11 pm.

This forum allowed the IIT community a chance to partake in the understanding of spiritual diversity and it provided the entire community a chance to discuss any aspect of each religion that may have initially sparked misunderstanding. In a community such as diverse as IIT, it was welcoming to see a positive response to promote understanding among the various religious faiths.
The beauty of Formula 1 Technology - Engines

By Abishek Srinivas

TECHNOLOGY WRITER

F

ollowing up from last week’s kickoff article where we examined the overall design of a Formula 1 racecar (F1), we will now look at the most fascinating component of a F1 car—the engine. In any car, the engine, right? But in racecars of any type, road or track, the engine is the soul of the car. It is the living matter of the car. Without a good engine, all you have is a piece of junk. Let us discover the secrets of speed.

F1, NASCAR, World Rally Championships, drag racing, Indy Racing League (IRL), Champ Car, etc. all use basically the same kind of engine, except they are highly modified for each specific type of car and each using a different type of fuel. The fuel used in Formula 1 is different from what is used in NASCAR which is different from what you use in your road car. Formula 1, Indy Racing League (IRL), and Champ Car are all in a category called Open Wheel Racing. Last week’s feature in Technology introduced the F1 racecar. F1 racers are open wheeled and much lower to the ground than typical cars. These engines, in all cases, mid or lower mounted engine means the engine is positioned behind the driver and below the back end of the car. F1 engines make excellent models of internal combustion engines. Many parts are exposed for easy repair, and they are modular. Because manufacturers draw from around the world (Mercedes Benz, Ferrari, BMW, Ford, Toyota, Renault) make F1 engines, there is a huge variety in design principle.

A Formula 1 engines are not revolutionary as they are evolutionary. A modern F1 engine does not represent a moment of engineering brilliance, but rather a series of gradual improvements that have occurred over the last half-century. In 1950, Mercedes-Benz started some of the first cars to be mounted engine and the manufacturer began to experiment with their cars, to push the envelope with performance and design. They decided to race against each other so that they could test new methods and designs. This represents the birth of the F1 engine, and an engine designed with one focus, to be the best performing engine a particular manufacturer could build. The Alfa Romeo 158, one of the first F1 cars, had only 8-cylinders in an in-line configuration. This means the eight cylinders are placed in line! (this is for the people who don’t know what in-line means) With a 1479cc displacement, the Alfa 158’s power output was only 350 horsepower at 8500rpm. Today we let slip a few years forward. We are hearing a magnificent exhaust note resonate from a superb racecar gliding along on a tree-lined course in northern Italy. The Alfa Romeo 179, featuring a 2991cc 7.8 liter “V8” means two banks of cylinders angled toward each other and sharing a crankshaft mid-mounted. engine produced 353 horsepower at 12200rpm. Already we are seeing the evolution of the F1 engine. Horsepower output has increased, and engine speeds have increased. Eventually, methanol will became the fuel of choice over gasoline. This brings us right to the present day where the most sophisticated combustion engines are found in F1.

Alfa Romeo no longer makes F1 cars or engines, but another Italian manufacturer makes some of the finest engines of our time. The Ferrari F 2004 Engine powered the winning car. It won 14 races of the 17 races in the season in the hands of Michael Schumacher (Time world champion). The engine was V10 cast aluminum block and head, and at only 3000cc, produced close to 850 horsepower at an astounding 18500rpm! One may wonder how such a powerful engine could couple with a lightweight F1 racecar. The answer lies in careful engineering of the cars other components, the often-overlooked components, including the gearbox, the clutch, fuel tank, oil tank, and exhaust system. Even the suspension must be designed to accommodate the tremendous power output of the engine. All these components, evolved, like the engine, to the present day.

The historic focus of F1 racing has always been faster, faster, faster. This has often led design engineers to “over-clock engines.” The engines were designed past their limits, which resulted in a very brief usable lifetime. In an effort to improve engine design, the FIA, the governing body of F1 racing, will require teams to slow their engines to be long lasting. Let us examine some of the design elements found in a typical F1 engine, the Mercedes Benz designed McLaren engine found in a West McLaren Formula 1 car. The pictures here are pretty much self-explanatory. The size and configuration of the block necessarily determines the functionality of the engine, such as the spark plug sequence and primary balance of the car. The V-shape is ideally 90° for a normal road car, but right now most Formula 1 teams use 72 or 112 O V-10 engines. There are numerous regulations that prevent the teams from having highly irregular designs. This is because the FIA wants a level playing field. Although creative designs make the cars go faster and faster, it is only possible for the team with the most money to employ design engineers who would research and build an ‘out-of-the-box’ design. Since all teams compete with each other, it is better to make the teams at least have some limitations on how the engine should be. Each cylinder is limited to five valves. This means the power output from each cylinder is limited by these regulations. Also other aspects of the engines’ dimensions are governed by regulations for safety and design.

If you would like to learn more, or simply go to formula1.com. For those interested in motor sports, consider contacting Rishab Bhargava, president of the motor sports club 8 bharris1@iit.edu.

By Jason Resch

CONTRIBUTION

B

ring the first TechNews article written from the Support Desk to the IIT student body, I thought it prudent to begin with a simple 5-step guide to securing your Windows computer. Even when caution is exercised, it is very easy for a Windows computer to become infected with spyware, infected with viruses, and plagued by popups. In fact on un-patched systems, all it takes is plugging one’s computer onto the Internet. Although going through these steps might take an hour or two, it is much better than having your computer blocked from the network due to a virus. Following these steps, you will more than make up for the time spent with the increased productivity of a faster, more secure computer.

Step 1: Get all security updates and patches

New security holes and exploits are discovered all the time. If you fall to enable automatic updates, you are leaving your computer vulnerable to all types of problems. To check if your computer has any open vulnerabilities, visit http://windowsupdate.microsoft.com and download all available critical updates.

Step 2: Enable or obtain a Firewall

To guard against remotely exploitable bugs, it is a good idea to have a firewall. Windows XP comes with a built-in firewall, which you can enable by following the tutorial available at http://www.microsoft.com/windowsxp/using/networking/network防火墙.

For users of Windows 98, 2000, and ME you can obtain Sygate Personal Firewall, which is free for personal use. To obtain it, see http://www.sygate.com/prec

Step 3: Don’t use Internet Explorer!

Everyone is familiar with Microsoft’s browser Internet Explorer. The most common way for spyware to be installed on peoples’ machines is through the Internet Explorer feature in Internet Explorer. Other browsers, such as Mozilla Firefox block ActiveX software in addition to popups and other annoyances. If you haven’t already, I strongly encourage you give Firefox a try, it is available freely at http://www.getfirefox.com

Step 4: Obtain Antivirus Software

The first three steps were all preventative, but what if your computer is already infected or you accidentally download and run an infected e-mail attachment? In these cases it is good to have anti-virus software installed and running; as usually the virus can be stopped before doing any harm. Ifts offer McAfee Antivirus for free available at: https://login.iit.edu/download.php; For those with older versions of Windows, which will not allow McAfee to be installed, I recommend AVG. It is both highly effective and a free download, available at http://free.grisoft.com/free- web.php?lang2/c

Step 5: Obtain Anti-Spyware Software

A study done by Earthlink determined that the average PC has 28 pieces of Spyware installed. Spyware can cause your computer to slow down, compromises your privacy, and may even hijack your browser’s homepag...
OTS Survey Shows IIT Students Satisfied with Network

By Vaibhav Agrawal
MANAGING EDITOR

Results from the recent Student Technology Survey sponsored by the joint effort of the Office of Technology Services (OTS) and TechNews have been able to provide a comprehensive overview of student opinion on the services and capacities of OTS.

With about 1500 students taking the survey, the results reflect the view of about 35% of the Main Campus student body population and allow OTS to gather a comprehensive overview of what features of its networking capacity it needs to improve on to better satisfy the needs of IIT students or what services simply need to be maintained for continued satisfaction.

Though it seems that IIT students are in continual dissatisfaction with the speed of the network, 41% of the survey takers were satisfied with the speed of the IIT network. When asked if the network in their residence was sufficient for their needs, about 31% of the survey takers were in agreement. However, when questioned about the reliability of the network, 28% of the survey takers felt that the network was reliable and 24% felt that the network was unreliable.

Another interesting question in the survey asked the students to reflect on their opinion of the wireless coverage on the Main campus. This question resulted in a varied assortment of results: 17% of the survey takers were in agreement that there is sufficient wireless coverage on the Main campus, 22% were in disagreement, and 27% were neutral. Thus, it seems that the results of this survey did not provide a clear opinion of what IIT students felt about sufficient wireless coverage on the Main campus and it will be interesting to see how OTS reflects upon this data.

Overall, the survey results indicate that IIT students are satisfied with the network, but it seems that there was a considerable amount of disagreement considering the reliability of the network. The results of this survey will enable OTS to reflect upon student opinion and then take further action accordingly to best serve the demands of its customers.

SURVEY RESULTS
“I am satisfied with...”

Agree/Strongly Agree    Disagree/Strongly Disagree    Neutral

* All numbers in percent responded
E
Thus, a sense of heart is palpable, especially when one listens to the music that was<br>recorded to it. The result is an emotional journey that is sure to resonate with anyone who<br>has experienced such a loss.

In conclusion, “Elephant in the Room” is a powerful and poignant album that serves as a<br>testament to the enduring love and devotion between a husband and wife. The music is filled<br>with emotion and depth, capturing the spirit of their love. It is a fitting tribute to the memory of<br>those who have gone before us, reminding us of the importance of cherishing the time we<br>have with those we love.
Hawks start season 1-2 on the road

By Jon Murawski
SPORTS WRITER

The baseball team started their season last week against IU South Bend earlier this year than any other previous season. Although practicing indoors five days a week has its benefits, including warm weather, real game situations occur outside in cold weather, generally around forty degrees. By starting the season a few weeks earlier, the players will have several games behind them before they start conference play, which begins March 22nd. Also, they will have six games of experience before heading west on their spring break trip to California, where the competition is extremely tough. The Hawks traveled to New Albany, Indiana for a three game set with Indiana Southeast last weekend where they posted a 1-2 record.

A few big changes for the Hawks this season deal with a couple player/position switches. Senior Jon Roach has made the switch from starting at shortstop for the last three years over to starting second base. Starter Jeff Newman from Marone Valley will now play shortstop, giving the middle infield tremendous range and great chemistry. Also, Greg Albright has moved from third base to left field.

Saturday Feb. 26th - Game 1:
The Hawks jumped out to a quick lead in the top of the first inning with three runs on three hits. After an RBI double by Jon Roach, scoring Ross Hiner, Elvis Medina crushed his first homerun (2 RBI) of the season to help put three runs up in the first inning. Jose Medina started the first game of the double header against the hot bats of Indiana Southeast. After three walks by Medina and three hits, Indians Southeast posted a six run first inning. Medina would then find his groove, allowing only one hit in the next five innings and striking out a total of six on the day. The Hawks threatened in the top of the sixth with one more run, but the damage was already done.

Saturday Feb. 26th - Game 2:
Senior Jon Murawski started the second game going 5 2/3 innings. Murawski retired the first eight batters he faced and began an early groove until finding trouble in the bottom of the third inning. After two singles and a double, Indiana Southeast posted a two-run third inning. Unlike the first game, the Hawks remained scoreless until the top of the fourth inning, where Junior Greg Albright smashed a solo homerun, his first of the season, cutting the deficit to 2-1. After Murawski held Indiana scoreless in the fourth and fifth innings, the Hawks posted one more run in the top of the sixth to tie the game at 2. Murawski almost lasted through the sixth inning, where lights-out closer Matt Bearegard was called upon to finish the inning, keeping the score at 2-2. The Hawks would eventually score two more runs in the seventh inning, taking a lead of 4-2. Bearegard then finished the seventh inning, holding Indiana scoreless and solidifying their first win of the season.

By Marina Hartung
SPORTS WRITER

The women’s side, every school swimming record was shattered in the duration of the meet, with stellar performances from freshman newcomers: Amanda Babicz, Sam Staley, Sarah Stone, Liz Wong. Babicz topped 6 finishes in all three of her individual events, earning All-American rankings in the 200 backstroke (2nd place) and the 500 freestyle (3rd place), along with a 4th place in the 200 freestyle. Staley earned a personal best time in her 200 Individual Medley and secured 12th place in the event. Stone competed in both the 200 and 400 IM, earning 10th place in both. Wong shattered her previous season times in both the 50 and 100 freestyle, and placed 6th and 7th, respectively. Diver Julia Northrop came back strong despite an injury and equalled her places of last Nationals, with an All-American ranking in the 3 meter springboard and a 6th place finish in the 1 meter springboard. Returning swimmers sophomore Marina Hartung and junior Amy Beribak also competed well for IIT. Hartung earned best times with an 8th place finish in the 100 breaststroke and a 6th place finish in the 200 breaststroke. Beribak also finished strong, with three personal bests and placing 10th in the 500 freestyle, 9th place finish in the 100 butterfly, and 7th place in the 200 butterfly. All five of the women’s relay records were defeated by various conf. of the 6 athletes, completing the season’s absolute wipeout of all previous swimming records. The men also had a remarkable meet, with records broken in both Medley relays, the 100 and 200 breaststrokes by Jeff Larason, and the 500 freestyle by Ryan Feuerstein. With the tough competition from powerhouses Simon Fraser and California Baptist, the men did an astounding job by qualifying four individual men to the finals. Larason was IIT’s lone National Champion this year, winning the 100 breaststroke and meeting the qualifying standard for the U.S. Open. He also placed 4th in the 200 breaststroke and 8th in the 200 IM. Feuerstein, who is in his sophomore season, placed 2nd in the 200 butterfly, 7th in the 100 butterfly, and 4th in the 500 freestyle. Sophomore Mike Merekley posted lifetime bests in his individual events, placing 15th in the 50 freestyle and 7th in his 100 freestyle. Junior Daniel Crandall also had an extremely good meet, placing 11th in the 400 IM and 12th in the 200 backstroke. Other competitors for IIT’s men squad were junior Siddha Pimpulkar, freshmen Kyle Carlton, Joshua Nedrud, Luke Sherette, Robert Whittlesey and Aeon Varhegi. Senior Matt Pearson competed for IIT for the final time this past week, and will return next year as the team’s assistant coach. Overall, the men had one of the most successful seasons they have experienced yet, and it’s mostly because of one thing. Basically, it’s because Rob Bond is an amazing guy.