Under the terms of a treaty, the United States and Italy have taken steps to screen and analyze research facilities and papers from both countries. The Italian delegation has been working at the Illinois Institute of Technology's (IIT) campus for the past month. The delegation includes engineers, scientists, and technicians from Italian universities and research institutes.

Chairman of the Civil Engineering Department, Dr. Dario Marani, an Italian scientist spending some time at IIT as part of the exchange program. Dr. Marani is a Senior Research Associate in the IIT's department. Prior to coming to IIT, he worked at the IIT and the National Research Council in Italy. Dr. Marani has a Master's degree in industrial engineering from Rome University and will be working with a team of graduate students and faculty. The main thrust of his research will be studying metal precipitation and removal of toxic metals from waste waters.

While at the Water Research Institute, he was involved in many areas including water quality and industrial waste water and sewage treatment. One of his fields of research has been metal recovery from industrial waste water. The Italians are very interested in this area and have recently improved upon an existing precipitation process that uses synthetic starch xanthate to remove toxic metals. A formal report on the new process was presented at the conference in Rome in 1978.

Another focus of the Italian research has been on the rapid growth of algae in lakes and the Azoic Sea. In the northern lake, the algae bloom and die in large amounts. The oxygen concentration of the water below the algae is reduced. The dead algae matter undergoes a biochemical oxidation process that consumes a large amount of oxygen. With the decrease in oxygen concentration, other forms of life suffer. In order to curb the growth of algae, the concentrations of two essential nutrients for algae growth, Nitrogen and Phosphorus, are decreased.

Governor praises new IIT center

by Justina Snell

The Illinois Institute of Technology's (IIT) Center for Water Resources and Environmental Technology (CWE) opened in January in IIT's Electrical and Computer Engineering Department. This was the first proposal by the Illinois Institute for Environmental Technology (IIT) for an industrial university partnership, to train future industry leaders in environmental technology. CWE is a research education, and development marketable telecommunications technology. Noting that it is among the nation's premier institutions in education and research advanced of technology, Governor Thompson said that the trained graduates that a research and environmental education in support of telecommunications will provide. He cited an additional benefit that other businesses that will be able to turn to the center for technical assistance and advice. Illinois Governor James K. Thompson has called IIT's new telecommunications education and research center an important part of Illinois' effort to better educate its citizens in the emerging high technology era. "Business leaders have begun to recognize the potential of Illinois' higher education system," he said. "By translating the concepts and knowledge gained into products that can be distributed through computer communications, the center will become a major leader in the development of a curriculum and direct research geared specifically to Illinois' telecommunications industry."

CE dept. receives grants


The Organization was founded at the University of Illinois in 1923 to recognize and promote academic excellence in freshman engineering students. It is currently a 250 chapter institution across the United States. To be qualified for the scholarship, freshman students must earn at least a 3.5 grade point average in their first semester. Traditionally, the students had to reside in one of the fraternity houses on campus adjacent to the Engineering Hall, but this year's initiation will be held at the Engineering Hall's on campus.
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ATS Reminder

This is just a reminder that there will be an ATS meeting on March 12th at 12:15 in the HUB Mezzanine. All students are invited to participate.

ATS Publicity

The ATS Publicity Committee is currently recruiting new members. Duties include designing posters and flyers, and writing articles and announcements. Interested? Please contact Charlotte Koroviski or Sheila Moran in the ATS office (ext. 3014).

Stamp Club

The IIT Stamp Club will hold its first meeting on Wednesday, March 12th from 7:30 to 9:00 p.m. in the HUB Mezzanine. Members will be notified by email about the meeting. Non-members are welcome to attend.

Gaming Club

Alternately Realities, the IIT gaming club, will hold its next meeting on Wednesday, March 12th at 12:10 p.m. in the Crow Room in the south-east corner of the HUB. Come and meet other players of strategy, card, and role-playing games. All are welcome.

Have an Apple

ACC is negotiating with Apple Computer Corp. to participate in their university distribution program. Students may take advantage of significant discounts on Apple products. IIT, faculty, quality staff, and all students are eligible to participate in this program.

IIT Stamp Club is starting a stamp collection, and maintenance for Apple Macintosh systems. However, one condition of our agreement is to order in minimum lots of $100 worth of stamps. ACC has a complete price list of Apple products for your consideration. Here are some of the typical configurations:
1. Macintosh IIx 512 MB: $999.00 memory, 512KB disk drive;
2. Macintosh Plus: $599.00, 1 Meg memory, 1000 KB drive, faster ROM, keyboard, and two key.
3. Macintosh SE: $690.00, 1 Meg memory, 2000 KB drive, faster ROM, keyboard.

Interview Sign-Ups

Students who are interested in interviewing for a summer position with General Motors (GMC) can sign up for an interview by March 12th at 12:15 p.m. in the Placement Office, Farr Hall, Room 404.

Hot/Cold Flashes

Dr. Stephen R. Berry from the University of Chicago’s Dept. of Chemistry will give a talk on “The Probing of Molecular Structures” at the IIT Chem. Dept. colloquium held by Prof. David Gutman. It will take place this Wednesday, March 11 at 4:00 p.m. in 186 Wadsworth Hall.

Softball Meeting

There will be a softball meeting for women on Tuesday, March 11 at 12:30. Please meet in the office of Keating Hall.

ASME

ASME officers will have a meeting on Tuesday, March 11. Please meet in the ASME room at 12:15. The second general meeting will be on Thursday, March 13 at 12:15 in the ASME room. The agenda will include: 1) Teacher presentations, 2) ASME IIT student newsletter, 3) Alumni meetings, and 4) Date setting for ASME meetings. All members are welcome, and any interested parties are encouraged to attend. Bring your lunch because soft drinks will be served. ASME hooded sweatshirts and t-shirts are available to order. The order form is available on the BEE room (room 121 E1) and in the ASME office. These must be in by Wednesday, April 2nd.

Learn to Read

The American Institute of Aeronautics and Astronautics will hold its next meeting on Monday, March 12th at 12:00 p.m. in the ASME room. The meeting will be open to all interested students. The purpose of the meeting is to provide an opportunity for members of the AIAA to participate in the reading discussion on the book "Toward a New Concept of Service and Education in the Electrical and Computer Engineering Department.

MAE Seminar

The American Institute of Aeronautics and Astronautics will hold its next meeting on Thursday, March 12th at 12:00 p.m. in the ASME room. The meeting will be open to all interested students. The purpose of the meeting is to provide an opportunity for members of the AIAA to participate in the reading discussion on the book "Toward a New Concept of Service and Education in the Electrical and Computer Engineering Department.

Governor

continued from page 1
School of Business Administration, and the IIT-Kent Executive College of Law besides the Electrical and Computer Engineering Department.

Freshmen

continued from page 1
involved students provide tutoring in classes such as physics and math. Every January, Marvin Cohen, IIT Registrar, sends a list of the freshmen with the proper GPA. When the second semester begins, the students receive letters from James Vose, Dean of Student Life. The congratulatory letters explain the purpose of the organization, thank the incoming freshmen, and invite the students to participate. This year, the Freshman Program Vice-Chairman for Education of the Board of Trustees was the guest speaker at the luncheon held in the HUB Mezzanine.

The first meeting of Phi Eta Sigma was held on March 12th at 12:15 p.m. in the Chicago Tribune’s dining room on the lower level of the HUB.

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Are you interested in helping people with their education? Students want tutors to teach them one or all of ages in the Chinese-American bilingual-english computer-programming any foreign language-English instruction. $7 to $15 per hour. University students and graduate students are encouraged to apply. Call Mr. Kennek Drexler at 694-8433 for an appointment. All applications must be made at the office of the Abacus Institute of Learning, Inc. 3000 N. St. Paul Street.

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Letters should be typed or legibly written with a minimum length of two pages. They must be signed and accompanied by the author's phone number. Names will be withheld upon request. All letters become the property of Technology News and cannot be returned.

Deliver all letters to our office at the fifth floor of Main Building, or mail them to Technology News, 3300 S. Federal St., Chicago, IL 60616.

Editor's Note: The (sic) which so often appears in the "Letters" columns is defined as "incorrectly." These facts have to do with the priorities of this school's administration. This evening, while working at the HUB, I had to go into the faculty meeting room and then informed by the manager about the table which graces the center of that room. I appreciate the fact that this table is there, but it is usually occupied by students, paid $200,000 for this exquisite piece of functional art! But this is not the point.

To add insult to injury, while being driven back to Alpha Epsilon Pi by a campus policeman I learned an even more nauseating fact. While attempting to make conversation, I asked him if the police patrols had been "beefed up" following the armed attacks on four fraternity brothers over the last thirty days. His response turned my stomach. He said a guard would never be stationed in the fraternity parking lot. Naively, I asked why. Apparently, he stated, it would cost too much—$50,000 a year. I questioned him further. I mentioned that the least they should do is post a guard there when any fraternity is throwing a party. He told me that the campus police would gladly post a guard on the quad during parties. This made me feel a bit better until he told me that we would have to pay (the frat house, that is) to have extra protection on such evenings.

My suggestion to the administration is this: $90,000 a year would put this school in the red, perhaps you should sell the table. This way, you could hire a guard to protect our safety for two years and you would still have $50,000 left over to buy a new table to drink your coffee from

Richard Kerrigan

There has been a temporary cease fire called on the South Africa debate. All letters will appear in the March 17 issue of Technology News. Editors reserve the right to edit or refuse publication of any letter, concerning the South Africa question. -Editor.

Disgruntled by Placement Office

When the director of Placement tells you "don't look for us to be of much help, you know you're in trouble. Upon hearing this, I began to reevaluate my decision to stay at IIT for a business degree. I felt that it would be a good place to learn about business and also have that technical edge. Even in the beginning I knew that IIT wasn't widely known as a business school, but I was suckerized into thinking that it (business school) was in fact gaining recognition. Under this dangerous "assumption," I believed that by the time I graduated, I wouldn't have many problems finding employment. However, to my surprise, it is becoming a full-time job with a dismal outcome.

So you wonder why? Well, economies and a lack of concern for the students in the business school. Given, IIT is known for

IRHA experience

Back in 1983, three guys and I went to our first IRHA (Illinois Residence Hall Association) conference which was held at University of Illinois at Urbana-Champaign. That weekend was an incredible experience for each one of us. At roll call, each school would shout a school cheer when their school's name was called. But when IIT was called, we didn't have a cheer prepared, so all of the other schools shouted "I-T!" The unity and enthusiasm that filled that gymnasium and the rest of the conference quite literally blew us away. On our way home, the dream to start an IRHA conference began to form. The whole trip home we thought of improvements and additions to ISU's conference.

The next year, three out of the four, along with 1 other person, went down to the University of Illinois in Champaign for the IRHA conference. After that conference, which again impressed everyone, all of the delegates again thought about hosting an IRHA conference at IIT, and the dream grew in people and idea. Bernard Pontillo and I, two of the original delegates, went on to get a bid together for the next conference.

The dream was to the point where we would have to "go for it" or "forget it." After talking to our RA, it was decided that we just didn't have the confidence to put together a conference. Last year at Eastern Illinois University, the IRHA conference was held and no bid was received for the 1986 conference. We came back thinking about hosting the conference and how we could pull it off. Bernard and I brainstormed and showed our Advisor that our dream of hosting an IRHA conference was possible. A bid for the 1988 conference was prepared

and submitted to the IRHA Executive Board after Spring Break. In the Spring of last year, it was announced that IIT would host the 1986 IRHA conference. The dream of two people would be realized in 1 year's time.

It's now a couple days after the IRHA conference and I have this strange and wonderful feeling. Having a dream that really is a very special thing which doesn't happen everyday. It's hard to tell you exactly how I feel because of all of the feelings that are going around in my mind. I feel great because a dream that we worked so hard on came true. But then I also feel empty and sad because I've put so much work into this conference and now it's over. It is especially sad because this conference was the last IRHA conference that I will attend because I will be graduating this year.

I probably could have said what I wanted to say a few lines ago, but I had to let each and every person that this letter goes to know the origins of this dream and what it means to me. This dream has been around for three years and it could not have been fulfilled without help from a lot of people. I would like to thank everyone, official, on campus or otherwise, who helped with the IRHA conference. It meant a lot to me to have this conference here at IIT and every one of you who worked on it, I would like to have made this conference the BEST IRHA conference.

So you wonder why? Well, economies and a lack of concern for the students in the business school. Given, IIT is known for

Turning the tables on safety

I have recently learned two interesting facts which many Tech News readers may not be aware of. These facts have to do with the priorities of this school's administration.

This evening, while working at the HUB, I had to go into the faculty meeting room and then informed by the manager about the table which graces the center of that room. I appreciate the fact that this table is there, but it is usually occupied by students, paid $200,000 for this exquisite piece of functional art! But this is not the point.

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Technology
Letters
Staff
found my car window smashed, the dash board panel broken in two pieces and my stereo missing. My car was parked in the middle of the E1 lot directly under a large light. It seems I was the last to learn about IIT’s Security efficiency.

As I looked at the mess left to me, I felt angry and disappointed. This state of mind was bitterly intensified when I went to the Security Office. The room where they brought me was completely run down. In that environment, it was not surprising security acts like secondary citizens. Looking around the room, I counted 3 officers keeping warm. What the hell were they doing inside? Aside from the one officer questioning me, one was reading a newspaper and the other was a bit noisier. Then one might understand the phrase “secondary citizens,” he only cared that his car wasn’t stolen.

The officer who was questioning me said: “You have insurance, right.” As a rebuttal I told him that insurance covers theft, the amount of the deductible plus the guaranteed increase in rates will actually amount to me paying for it in full, but on a deferred basis. I also lost half a day replacing the window. Therefore, if security thinks I am going to put a new stereo in my car, they grossly overestimate their newly founded opinion of their abilities.

My recent experience and the result thereof might serve the IIT administration as a realistic look into its future. Quite simply, a school’s reputation can only be as good as the students and faculty present. If such basics, such as the security of students and quality of teaching are continually ignored for all encompassing bureaucratic plans, the result will be a school that is of no interest to qualified students. My graduate application, which will be received by the admissions office, is surely proof of point. Furthermore, I cannot recommend this school to any young aspiring students. I will quite frankly, but promptly return any alumni correspondence in the form of a bill to recompose my unnecessarily damaged goods. The money I donate in the future will be returned by way of institution which befits its students and faculty with more than just words.

N. Than Bons

Safety only at 7-11

How come people are getting mugged in the parking lots while 3-4 policemen can always be found at the 7-11 in the Community? I feel safe at 7-11. Maybe if we served coffee and pastries in the parking lot.

Raj Desai

Grad school deferred by security

To the Editor:

Recently, I was informed, by a professor who I admire, that if I apply to graduate schools at IIT, I would have no difficulty in getting a full tuition scholarship plus a monetary stipend. I was honored and excited, and began to take action about the offer until last Friday.

After I left my night class on Friday, I

Navy Officer. Lead the adventure.
Band in the Bog

Johnny Star and the Meteors—Rock

Have you ever been “meteorized”? If not, go see the living nostalgia of Johnny Star & the Meteors. They play 50s and 60s tunes by everyone from Buddy Holly to Gary Lewis, along with a majority of covers from Elvis Presley and the Beatles. All performed in their original arrangements.

Get Meteorized
Thursday 3/13
At 9:00
In the Bog
Cover $2.00

UB film

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—Kathleen Carol, NEW YORK DAILY NEWS

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—Richard Schnickel, TIME MAGAZINE

"Don't be a wretch, go to FLETCH."
—Dohn Metzochatcher, B & G WEEKLY

Shown in the HUB auditorium
Thursday 3/13 at 5:15 pm
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Admission $2.00

UB Man Wants You

Feeling like a helpless mortal? Just a defective cop in the wheels of Toch?
Then take the advice of UB Man. Gain power undreamt. Alter the course of IIT with your every decision. Join Union Board!
Union Board is taking applications for next year's offices. If you're interested in the power and prestige then go to the Programming Office or Director's Office in the HUB and get an application.
If you're not quite ready for such omnipotence, perhaps you'd rather be a committee member. Rick Tsung, director of the major concert, is looking for help with Clearlite. Call x3086 or stop by the Programming Office.

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Next Week
in the Bog 3/20
Bo Ramsey and the Sliders—R & B at the movie 3/20, 3/22
Real Genius on the arts 3/21

Amherst Saxophone Quartet

April 18, 1986
9:00 pm
The major concert

Clearlite
Tickets on sale at the HUB box office
Sigs take volleyball

On Tuesday night the Alpha Sigs beat the Phi Kappas in their final game of the season that was supposed to be played last semester. The Sigs won in two straight games 15-11 and 15-10 giving them the IFC volleyball crown. The Alpha Sigs were led by seniors Steve Sizer, John Dalton, John Snyder, Steve Iida, Sophmore John Sambor and freshmen Steve Martin. The Sigs finished the season with a perfect 10-0 record. Contrary to earlier Tech News issues, the championship game was between the Phi Kappas and the Alpha Sigs, and the winner and champions are the Alpha Sigs.

temporarily under his command. And he has to be Caesar's wife, above suspicion. There can be no investigation, no possible probing, lurking over his shoulder from the NCAA.

Finally, the committee should remember that one of the biggest assets American players have over players from the rest of the world is defense. So their choice should be a coach who is defensive-oriented, who is known for his ability to teach good team defense.

The point is: No matter who is chosen, it should be done now.

Why? Because whoever the coach is, he must have this two-year period to go through the procedures of selecting the team, and picking his assistants for their ability, not from the good of the boy system.

Most importantly, our Olympic coach must be able to familiarize the players with International Play during the next two summers. He must be able to pick a couple of trial teams to be sent out in the summer of '87, so the players can learn the ins and outs of international play, and become aware of what happens when you're not playing on your own block, like we did in '84.

One major problem that the round ball fans are not aware of is that the 1988 Games are being played from Sept. 17 to Oct. 2. How are we going to get the NCAA to allow first round draft choices, like Danny Manning, to play on the Olympic team when their NBA schedule is starting up? And how are the universities going to allow ball players to go into training and miss the first 1-1/2 months of schooling?

Don't get me wrong. These problems can be solved. But it's time to get the machinery in process. Picking the coach is the first step. He's the manager, the coach, all the same person. And not just anyone could be a manager, the coach, and a manager. He has to have experience with international coaching. Also the coach must be one of the most important things, the staff inside their basketball department.

There are some prerequisites. The college presidents must set up a tutoring system for the players. The NCAA must allow a grace period for all seniors this year. The players have to make a firm commitment by the end of their junior year. And the Olympic Committee must get together, as governing bodies, to iron out any problems that may arise.

By now, the Sigs have shot into the middle of the standings due mainly to freshmen output. The Sigs are led by freshman point guard Joe Eberhardt and the Alpha Sigs count on freshmen Cliff Wood and Bob Groves. The Pi Kappas and the Delta will look to Sunday, March 11, in a game which may result in either a Delta IFC Championship or a three-way tie for first place. The Kappas will count on their talented backcourt of Curt Catane and Steve Mandeville. Clinton Smith and Ed Cima are two proven big men underneath and small forward Mike Butka always rises to the occasion in the big games. The Delta will counter with a frontcourt of heights 6'6", 6'6", 6'3", led by 6'4" center Phil Aschbach.

The Delta Pi Kapp game on Tuesday is a fitting end to an exciting year in IFC sports. The game will be played under the lights, and the final score should be close.

CE continued from page 1

Creep-Induced Effective Stress Changes of Clay," about a year ago, more recently he was writing a chapter for the "Slope Stability Engineering Manual." The tested methods for Liquification Potential Analysis is being investigated by Dr. Charles Dreissel. His research will develop methods for "strain-controlled cyclic triaxial testing on saturated cohesionless soils to determine liquefaction potential.

New ways to analyze rigid frame also appear. These are all one of the projects run by Dr. Sidney Guralnick. The research is part of his "Clay Shakedown and Hysteresis in Civil Engineering Structures.

The new proposal to investigate the eathquake is still in the planning stages. The study would be an examination of behavior of undercutoffed sands, under sustained and cyclic loads. The study would be performed using a scaled 1:20 friction piles under the same loading.

The CE department engineering department is composed of approximately 36 full-time undergraduates, 45 full-time graduate students, and 15-to-20 professors. Recently Dr. Kenneth Hightower and Dr. Andrew Longworth went to work in industry. Dr. Mehmet Civtek and Dr. Guillermo Sanchez were hired to replace them.

The CE department sponsors sports throughout the year. This past February Dr. S.P. Shah from Northwestern University spoke on "Non-Linear Fracture Mechanics to Concrete and Rock". Mr. M. Goldberg from IBM Information Network presented information concerning "Application Systems for Production Control".

On March 21st, Dr. J. Wang, President of Wang Engineering, Ltd., will speak on "Geotechnical and Geotechnical Engineering's Role in Groundwater Remediation of Contaminated Soils." The Vardoulakis from the University of Minnesota will hold a lecture on "Geotechnical Engineering of Soils." Theory and Experiment.

The seminars are open to all engineering students and are held in 222 Alumni Memorial Hall at 11:00 a.m.

Debut continues from page 1
and her roommate Debbie Barlow.

Filming started on Monday March 3rd and continued through the week. IFC president and architecture student said that the filming was "interesting." According to D'Arst, the worst part of it was the waiting. One day cast members waited two and a half hours in the fall to begin, then had to go home for filming when that time was canceled. Filming hours were long, beginning as early as 8:30 a.m. and lasting until 5 p.m. The students were paid for their work, and their cars are such as stereos, watches and TVs were raffled off during breaks.

Italy continues from page 1
(nitrogen and phosphate) are lowered.

Institute has patented a natural ion exchanger process called Cinnolite, which removes the phosphates and nitrates. After separation, the products yield a salt, ammonium magnesium phosphate. This nitrogen compound is used as a fertilizer. The process will soon be tested in the United States by the EPA in a field plant.

Sport Short

INTRAMURAL B-BALL NEWS

On March 11th at 12:00 the Air Force vs. Alpha and at 1:30 the Pi Kappas vs. the Commuters.
IFC b-ball winds down
by Pieter DeVaal

As interfraternity basketball winds down for yet another year, it appears again that Sigma Phi Epsilon, Delta Tau Delta, and Pi Kappa Phi will be the top three teams fighting for the championship. Alpha Epsilon Pi and Phi Kappa Sigma are the teams right in the middle of the pack.

The Pi Kapps were favored to win the tournament this year but were defeated by the Sig Eps early in the season. This put a severe damper on the Pi Kapps championship hopes. Elimination from the tournament started them in the face as they awaited the meeting of the Dells and Sig Eps on March 4th. If the Dells were victorious, the Pi Kapps still had a chance at first place. On the other hand, if the Dells lost, Sig Eps would be the champions.

With a championship on the line, the Sig Eps came out of the starting gate fast and took a quick lead. Guard Chris Conley and forward Sam Unicker headed the Sig Ep charge. However, the Dells fought back to a two-point deficit at halftime. The Dells fought back in the second half led by seniors Paul Michaels and Kevin Dalton. The Sig Eps seemed to hit an ill-fated cold streak with about seven minutes left in the game as shots wouldn't fall and rebounds simply slipped away. The Dells forged a small lead during this time and hung-on for a 33-27 win.

The standings now have the Sig Eps and Pi Kapps tied.

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