Economics rethought
Caltech professor reevaluates theories

BY TECH STAFF

How do modern economists predict market behavior? On what system is our current economic system and regulations based on? These are some of the questions elucidated by Caltech's very own Professor of Finance, Dr. Peter Bossaerts, in his presentation, Of Bulls, Bears, and Crystal Balls, second in the series of Watson Lectures, given last Wednesday at the Beckman Institute Auditorium. Contrary to traditional economic thought, Dr. Bossaerts and a small group of colleagues, mainly at Caltech, are approaching economic theory from a different viewpoint. They are trying to understand the basic core of economic theory, and have recently conducted several experiments of financial markets, many conducted here at Caltech. Modern conventional economic theories, since the middle of the century, have been meticulously constructed from sophisticated statistical analysis of historical data and records from large stock markets such as the New York Stock Exchange, the American Stock Exchange, and the NASDAQ index. However, the complex mathematical theories of finance have correlated very poorly with the evidence constructed from the data. Nevertheless, many economists and even government regulations continue to follow the inconsistent mathematical models. Born and raised in Belgium, Dr. Peter Bossaerts received a licentiate and doctorands degree in applied economics from the University of Antwerp, the site of one of the world’s first stock market. He received his Ph.D. in finance management from UCL, and has taught MBA, Ph.D., and executive classes in many institutions throughout the world. Dr. Bossaerts’ lecture was part of the Earnest C. Watson Lecture Series, started in 1919 and opened to the public in 1922 by Dr. Watson of Caltech, who also gave his famous “Liquid Air” lecture as one of the first lectures at the then new Beckman Institute Auditorium in 1964. The lectures are given Wednesdays at 8:00 p.m. in Beckman Auditorium, and admission is free. For more information, contact Rita Elshout, Coordinator Friends of Beckman Auditorium at 626-395-6400 or fob@caltech.edu.

Soccer Captures Second Conference Victory

BY DANIEL SONG

The Caltech soccer team may not be able to raise the dead, walk on water, open the eyes of the blind or multiply loaves and fishes. But what the team accomplished on the night of Wednesday, November 3, 1999 was no less miraculous. In the final game of the season, Caltech managed to eke out a dramatic 2-1 victory over La Verne. For the first time in recent memory, the team may find itself out of last place, depending on the outcome of the La Verne-Whittier game today. If La Verne, who defeated Whitnig 5-0 in their previous meeting, wins, the Bear will wind up with 7th place in the SCIAC ranking. Caltech caught La Verne napping at the start as Nathan Flowers-Jacobs and Dale Parkes combined to set Tyler Kakuda free on the left side. From then on, frustrated by Dr. Jeff Kirkpatrick will speak at the Pasadena Civic Auditorium on November 10th at 8:00pm. Kirkpatrick gained national recognition during her four year tenure as U.S. Representative to the United Nations under President Ronald Reagan. For more info, call (626) 449-7360.

Distinguished Speaker Series

Dr. Jeane Kirkpatrick will speak at the Pasadena Civic Auditorium on November 10th at 8:00pm. Kirkpatrick gained national recognition during her four year tenure as U.S. Representative to the United Nations under President Ronald Reagan.

For more information, contact Rita Elshout, Coordinator Friends of Beckman Auditorium at 626-395-6400 or fob@caltech.edu.

Page Ads ........... 3, 5

Inside the Tech

The Usual

Letter .................. 2
Outside World ........ 2
Y News .................. 2
Foxtrot & Dilbert ....... 6
The Dean’s Corner .......... 7

Features

Full Page Ads ........ 3, 5
Eye of Animation .......... 4
Ticket Stub ........ 4

You Techers are a... cancer of this campus.

And the ASCIT Movie... is the cure.

Baxter Lecture Hall
7:30 & 10pm & 12:30am

The Matrix
Caltech's Winner

Soccer

CONTINUED FROM PAGE 1

Parkes was extremely unlikely not to score when Derek Ramirez made a stunning reflex save against the grill. La Verne equalized in the 65th minute. In the sequence, Vieregg made two more miraculous saves, only to see the rebound trickle to Parke's fourth minute. Parke's keeper out of the play, many players up for the attack.

Our community service projects are not limited to tutoring, so if you are interested in contributing to the community in other ways, feel free ask us.

This Week:

Project Angel Food will be occurring this week. The purpose of this program is to deliver food to food insecure households living with HIV/AIDS. This project takes but one hour on Friday and takes place roughly from 12:00 PM to 1:00 PM. For more information, please e-mail Ying Tian at ying@cco.caltech.edu. Later tonight, the Caltech Y holds its hosting the Battle of the Bands Tournament of the year. Unfortunately, it is a little late to sign up at this point. If you are interested in playing the game later, keep your eyes open for posters in a few months.

Upcoming Events:

The Caltech Y will be presenting Social Activism Screen Series on Friday, November 19th. Our first speaker in this series will be Dolores Huerta speaking on the topic "Political Organizing: Key to A Non-Violent Movement." Huerta is renowned for her co-founding of the United Farm Workers of America (UFW) union with Cesar Chavez, who called her, "totally fearless, both mentally and physically." Her many accomplishments include collective bargaining for farm workers, the banning of dangerous pesticides, and an increase in the Federal Minimum Wage. Currently, Huerta holds the position of Secretary-Treasurer of the United Farm Workers of America, AFL-CIO. Huerta will be holding her keynote talk in the Beckman Institute Auditorium which begins at 7:30 PM. This talk is open and free to the public. A grassroots organizing roundtable will also be held by Huerta from 4:00 PM to 5:00 PM in the Avery Library. Space for our first speaker is limited so please contact the Y at ext. 6163 to sign up.

General Info:

The Caltech Y holds weekly meetings on Mondays at 12:15 PM in the Y Lounge which is behind Steele House. We welcome anyone who is interested in learning about what the Y does or who wants to get involved. Bring your ideas, your friends, and your lunch. If you would like to get e-mails about Y-events, Outdoors events, or Y-community service events, please e-mail Elisa Chiang at polaris@cco with the e-mail mailing list you would like to placed on. Also, if you have further questions concerning any of the activities mentioned above, feel free to e-mail me at dobgest@cco.caltech.edu.

Letters to the Editor

109abc

Please offer a Sex

I must say I strongly agree with Vikram Dendi's proposal that we should offer "How to use ArsDigita's Product" for credit (and that product is free, so it must be right?). I find that not only do most Caltech students want to be web merchants, but people are more effective. Don't forget we'll need a lot of smart people in the world so we better create them. The logic is so simple here, why doesn't the administration see it? If people want to take courses they should be offered for credit.

Of course I'm sure one can make a lot of money using the ArsDigita software and we all know that colleges are obligated to make sure that their students can make large chunks of money (well, MIT anyway). Clearly then the Chemistry department should be offering some seminars on Low-Cost High-Yield Smack Production". I'm pretty darn sure that no one has ever made one red cent off of Chem 1. I would be curious to think of offering that course.

And to close, in the words of Homer Simpson: "Oh, bye the way, I'm being sarcastic."

Respectfully submitted, Ken Walsh

some officials still only confirmed 799 deaths so far. More than 15 million people live in the area hit by the cyclone.

SLEEPSTOVSKAYA, Russia (CNN) Russian soldiers opened the key bor­

der between Chechnya and Georgia after letting thousands of people wait at the frontier for more than a week. Officials were allowing 100 people to cross every hour and for the first time men were allowed to cross the border - before only women and children had been able to leave the country. Chechenya won independence after the 1994-96 war, but Moscow's latest is still part of Rus­

Ω
We helped build the Internet’s infrastructure.

Now you can become part of ours.

Inktomi is coming to Caltech
Wednesday, November 10, 1999
4:00pm in the Student Activities Center, room 13
Refreshments will be served
Visit our web site: www.inktomi.com/about/jobs
Boys Don’t Cry (B+) rated R: for graphic rape scene, much drinking and many nick-name making-fools of themselves. I thought that this film was rather appropriate in anticipation of February’s event, the most when making any animation would have had them still. Most notably are the drag-queens seen in the forest. They are distinctly drawn and colorful yet not abrasive. Also, the Kodia, the tree spirits, are unique and always moving. The soundtrack is wonderful. It was really nice to hear it in the theater with a sound system better suited to its grandeur. Eye on Animation was very thankful to already have a sound system better suited to its grandeur. Eye on Animation was very thankful to already have a sound system better suited to its grandeur.

In 1993, the life of Brandon, a high schooler, goes to show, she repeatedly steals cars and gets caught in a drunken stupor. Her pilgram's journey begins when she is arrested in Lincoln, NE, Brandon (Hilary Swank) cross-dresses with an almost flawless recklessness. Partially in awe of her capabilities to pass as a man, but conscious of her femininity, she strikes a balance between egotism and insecurity — neither offensively macho nor the wallflower still maintaining a sweetly rooted in femininity, while walking with a man’s swagger and speaking of grand endeavors to travel around the country. Brandon is able to captivate the attention and affection of the delicate girls who see her as a potential way out (since she are in Nebraska). There is, however, an inherent flaw in her articulation. That being, although Brandon may be the best boyfriend some girls have ever had, that she should audition for a more prominent role. Perhaps one of the best performances was by Jada Pinkett-Smith, who plays the social leader of the Emishi, who is able to slip between sarcastic and dead serious quite beautifully. Her performance is so good in the opening nar­ration one forgets about the fact that most dubs are a poor comparison to the original… until Billy Crudup’s Ashitaka, who is adequate but not quite as good due to his already existing dubbing trap of speaking in a way that he would have done if he were actually speaking.

Brandon’s guise as a man is portrayed by Brandon, a girl, who is able to pass as a man. Her pilgrimage, not just a story of humans versus nature, is also a story of cross-dressing shortcomings, she is still tied to John by a patchy line and had the basic meaning of “gun,” which seems a little out of place for the time period. Miramax/Disney kept most of the other original names. Many of the names of the gods are shortened. Aiko Boshi, a character of the film, it is really the story of Ashitaka, a young member of the hidden Emishi clan who sets off to find the source of the mysterious forest to become a Tatarigami, a cursed god represented by some sort of worm-shaped creature, and left him it isn’t ‘Nicky’

Many of Miramax/Disney’s changes seem to make the movie easier to understand or less vague than the original. As it turns out, Brandon is both a deceiver and a misandrophobic of fender. Shredding off youthful in­nocence, the attention to detail in the backgrounds makes them still. Most notably are the drag-queens seen in the forest. They are distinctly drawn and colorful yet not abrasive. Also, the Kodia, the tree spirits, are unique and always moving.
Lehman Brothers

cordially invites undergraduates
to attend an information session on
career opportunities in

Sales, Trading, Research & Origination

Tuesday, November 9, 1999
4:00 p.m.
Student Activities Center
Room 13
DILBERT® by Scott Adams

Our Safety Department has tested our drinking water and found no problem.

Then why do you only drink bottled water?

Because that's what the safety department drinks.

I'm going for a fifty-mile run. Would you like to join me?

Next week a few of us will be leaping into the synchrony orbit.

Something tells me we're not operating on "Internet time.

I sent you that idea a year ago since three of these companies have gone out of that space.

If by one you mean only one of them?

Here's what I don't understand.

You just asked me to follow a process that has failed thirty times in a row.

And you want me to know it.

So, what do you do for a living?

I mistakenly obey the insane commands of a pointy-haired baboon.

The sad thing is that you're the best catch at this party.

I work in a big box.

Married Japanese woman seeking Asian egg donor. Please call 818-409-1722

New Delhi Palace

Cuisine of India

Restaurant of the Year 1994 to 1998

"Simply Great Food"

Voted Best Indian Restaurant 1998

Specializing in Northern Indian Food

Lunch Buffet Monday-Friday

$5.95

All You Can Eat

TAKOE OUT • CATERING

Sat. & Sun.

La Jolla Hills

Pasadena

OCEAN CORAL

Restaurant

Award Winner

Mandarin Cuisine & Seafood

Cocktail Lounge

Lunch Specials $4.95 11:30-3 p.m.
Early Bird Specials $6.95 3-7 p.m.
Classic Dinners 3-10 p.m.

Food To Go Welcome

OPEN 7 DAYS

Tel: 449-8018

2475 E. Colorado • Pasadena

Between Sierra Madre Blvd & Alameda Dr

Free Parking In Rear
We are up to snuff for scholastics. That’s clear to all now that we have been anointed #1, a fact that I am sure does not sit so well with the previous #1s. Sic transit gloria mundi! We didn’t do anything special, we just went on doing what we had been doing well since the time of Noyes, Hale and Millikan. We came out on top without trying, only because the criteria by which we have been compared were changed. The result is that this little school far far West has been revealed to a surprised world. Even though we have been among the top players in science since the early 20s how often have I heard the comment... do you have a football team? We used to, but do not now. Thanks to US News & World Report, that does not matter any more, everyone knows that we have other claims to fame.

Now, excellence in scholastics is one thing. A fabulous Student/ Faculty ratio is another. The superb GPAs of the students and the honors earned by our faculty are great also. But none of these things are sufficient to make an educated person of the typical student. To achieve that we must inculcate all the things which, besides work, make up life and make it worth living. We must help our students develop, and not just intellectually. We must teach them to appreciate the things that make life enjoyable, the beauty that is all around us if we just look, the music of the masters and the paintings of the great, the photographs of the talented, the dance of the graceful, the poetry of the gifted. To truly enjoy one has to be prepared. The pleasure increases proportionately with the understanding bred by familiarity. And so we arrange for students to go to plays, concerts, and exhibitions. Several groups went to the Van Gogh exhibit last year, and it is easy to visit the local Art Museums (Norton Simon, Huntington and Asia Pacific Museum). Our students also have the chance to educate palate and nose so they learn to prize even those things that are mere physiological necessities, such as food and drink. Oh yes, this is an institution and the food can be proverbial, yet right on campus one can dine and lunch on sushi, or tandoori chicken with hot Nan from the clay oven. Venture into the convenience store and gawk, if not sample, the collection of cheeses, which could make you think you were in France, if they were not in a case next to one filled with soda pop. Obviously these things are not there for everybody, but they are here, along with the gourmet coffee. And then there is also Old Pasadena and its many restaurants, all within reach of a free and short bus ride.

It can be argued that at Caltech we are narrowly technical, and we don’t prepare for intellectual life outside of the lab. Yes it is true we do not have a Department of Sanskrit and Indian Studies, nor a School of Architecture. But that does not mean that our students have a lesser experience and that they leave without exposure to what our civilization considers the best in life. Witness all the courses our students have to take in non science areas. At least 108 of the 486 units required for graduation must be taken in the Humanities and Social Sciences. The great difference between Caltech and a liberal arts school, is that everyone here has to take Physics, Math, Chemistry and now Biology, besides humanistic offerings.

So when our graduates walk the Plunk after their 12 months of toil, they have been exposed not just to Phys 2 (Statistical physics, waves and quantum mechanics), or AyEE 144 (Imaging at radio, infrared, and optical wavelengths by interferometric and adaptive techniques), but have also attended classes such as, “Science, Ethics and Society,” “Gothic Fiction,” and “Music of Courts and Cathedrals.” Surely we are too small to have a list of courses as extensive as those at offered at Harvard. But we have something else up our sleeves which is not attainable elsewhere. We are small, and last time I heard, had to decide to remain so. We argue that it is better to do a few things superbly instead of spreading ourselves too thin. A consequence of being small is that our students have access to all kinds of things which are impossible at a larger school. Whether talented or not, our students can participate in the activities of their choice, rather than being marginalized because they are not Athletes, or accomplished Actors, all with big As.

A bientot,
Jean-Paul Revel

**********************
*********** ********* * * * * *

A.S.C.I.T.
Minutes
OCTOBER 28, 1999

Present: BoD minus Alan and Alastair; Marc Favata, Kartik Srinivasan, Tim Crosby, Barbara Green, Evan Dorn

Meeting called at 15:13.

Dealing with Guests
Tim picks up the check allotted to him for ASCIT movies this term.

Marc and Kartik - Comment on how they think is ridiculous that so much money is spent per ASCIT movie this term. They point out that with the same amount of funding we could take at least three or four times the number of people in attendance to the ASCIT movies and pay for their movie tickets at the local AMC.

 Evan - As the treasurer of the student shop, he asks us which way would be best for reimbursing ASCIT members of the student shop since ASCIT allocated $500 to subsidizing ASCIT members’ student shop fees. The BoD suggests simply discounting their membership and then asking ASCIT for reimbursement. He also asks for ways to better publicize the student shop, especially to undergrads. The BoD suggests talking to professors of project classes.

Project Reports
Coffeehouse - Baldeep says it has been busy and business is going well.

ASCIT copier - Derek says that the brown box works if you enter the last eight digits of your social security number but only if you have already called Rachel Delgadillo and been added to her list. (You can contact her at x6706 or racheld@its and give her your social security number) Otherwise, he says that the card of fee is going to replace the black box so that you will be able to simply use your ID to make copies again.

ASCIT party - Garrett says that there will not be an ASCIT Halloween party but there will be a party at the beginning of second term in association with the GSC. This is still being planned.

Core Curriculum Committee - Melvin asks Barbara Green about what would be the best way to bring large undergraduate classes such as CS 1, 2, and 3 and Ama95 under the jurisdiction of the Core Curriculum Steering Committee in light of the complaints about CS1 this year. She suggests that he talk to the faculty chair of the committee and find out what would be needed for an official proposal and then present it to the faculty board.

Meeting adjourned at 16:00. Respectfully submitted,
Hanna Kim ASCIT Secretary

*********** ********* * * * * *

November 5, 1999

Dean

Dean’s Corner

Can one truly become educated at a school like Caltech?

by Jean-Paul Revel

"AWESOME!"

AMERICAN MOVIE

Last Day at Factory. September 3rd, 1999

Made one last peanut butter and jelly sandwich with the last of the jelly.

Am I happy? HELL YES.

americanmovie.com

In Theatres November 12th!
ANNOUNCEMENTS

The Gay/Lesbian/Bisexual Discussion Group: extends initations to the Gay/Lesbian/Bi­

sexual Discussion group, which meets on the first and third Tuesdays of each month from 8:15 p.m. until 10:15 p.m. in the Health Center lounge. This is a confidential meeting and does not involve mentioning of a person’s sex orientation. The group usually discusses a par­

icularly relevant topic and then moves on to the next general discus­

sion. For more information, call x8331.

The California College Re­

gister, Flexibility, and Good

Caltech will serve as host school for the 1999 Southern California Intercollegiate Ath­

lethic Conference (SCAC) men’s and women’s pole championship,

ensured for the creation and opera­

tion of classes, i.e. the new PHI, PH2 ,

The junior class will hold a BBQ this Sunday. Come on and

to more of these are available in our office in SAC 25.

The Elie Wiesel Foundation for

HUMANITY

The John Gyles Education Fund, Attention: The Secretary, P.O. Box 4080, 712 Riverside Drive, Fredericton, New

Scholarship

Fellowship Deadline Dates Re­

mester: NSF-11/4; Hertz-11/5;

The Elie Wiesel Foundation for

HUMANITY announces the Elie

Weisz Prize in Ethics Essay Con­

test 2000, a contest designed to chal­

lenge college students to analyze critical ethical issues and present them in today’s complex world. Jun­

iors and seniors are encouraged to compete for awards of up to $5,000. Information is available at www.elieweisel.org or call 212-490-7777.

To submit an event for the Mints, contact mints@tech.caltech.edu or mail your announcement to Caltech 40-58 Attn: Mints. Submissions should be brief and concise. The editors reserve the right to edit and abridge all material. Deadline is noon Wednesday. Unless specified, all mints will run for two weeks.

8 Mints

The California Tech

November 3, 1999

The California Tech

10 Mints

The California Tech

November 3, 1999

other Primates” by Frans de Waal, C.H. Chandler Professor of Psychology and direc­

tor of the Living Links Center at Emory University, Sun., Nov. 2, 7 p.m. at the downtown cen­

tral Library’s Mark Taper Audi­

tion. Tickets are $10,000 and

reservations are advised. Call 213-228-7025 for more infor­

mation.

The Living Better Expo at the Pasadena Center, Nov. 9-10, 10 a.m. to 4 p.m., for additional in­

formation, call 800-243-9774 or visit www.RDPGroup.com.

Caltech will serve as host school for the 1999 Southern California Intercollegiate Ath­

letic Conference (SCAC) men’s and women’s water polo championship,

scheduled for Sat-Sun., Nov. 13-14, at Braun Pool on the Caltech campus in Pasadena.

Tournament seeds will be an­

ounced Mon., Nov. 8.

The Dean of Students Office needs tutors in all areas - help is especially needed with the main Institute requirements e.g., Math, Physics, CH1, etc. The pay is $8.50 per hour. A strong understanding of the subj­

ect matter, patience, and the ability to communicate well are the qualities needed as a tutor.

If you are an upperclassman and would like to be a Dean’s tutor, please stop by the Dean’s Office to see Sandra located in 102 Par­

sons-Gates.

The Vice President for Student Affairs Office is looking for readers to assist a graduate student starting immediately. Computer Science or Engineer­

ing majors are preferred. A ba­

sic understanding of the sub­

ject matter and the ability to communicate well are neces­

sary. Hourly rate paid. Please call or email Jerri Greene, x6321

jerri@caltech.edu

The Caltech Ballroom Dance Club (CBDC) will be starting their next series of classes, i.e. for the second half of the 99 Fall Quarter. For more information, see www.caltech.edu/ballroom or call 626-791-3103.

EVENTS

The Human Resources, Em­

ployee Services office will spon­

sor a Red Cross Blood Drive on: Thursday, November 11 from 10 a.m. to 7 p.m. in the Winnnett Lounge. For an ap­

pointment please contact Diana

at ext. 6001 or by email at diana@ute.caltech.edu. Walk­

ins are also welcome.

Earthquake Preparedness Training will be offered by the Pasadena Fire Department through the Safety Office. Train­

ing will be from 9:00 a.m. to

12:00 Noon in the Baxter Lec­

ture Hall on Tuesday, Novem­

ber 16th. Learn what to do be­

fore, during, and after an earth­

quake. The session is limited to the first 100 people who sign up. For reservations call Caprece Anderson at 626-395-6672.

Free midtemd ballroom dance party with refreshments 8 p.m. until midnight Sat., Nov. 6 in Avery, sponsored by the Caltech Wellness Club.

Refreshments start at 8 p.m., at 8:30 p.m. there will be an intro­

ductory East Coast Swing les­

son with open dancing starting at 9 p.m., and conven­

ues better quired. In addition to swing there will be music for waltz, fox trot, merengue, tango, cha cha , salsa and others as re­

quested. For more information

see www.caltech.edu/ballroom or call 626-791-3103.

Stressed??? Sign up for the Stress Management Workshop. This workshop will include a mixture of informal lecture and experiential exercises focusing primarily on basic relaxation techniques and time manage­

ment skills. The 4-session work­

shop will meet on consecutive Mondays (November 8, 15, 22, 29) from 12:00-1:00 p.m. in the Health Center Lounge. Space is limited, so please call x8331 to reserve your place in the group.

The junior class will hold a BBQ this Sunday, Come on and eat.

8th Annual Charles DePrima Undergraduate Le­

cure in Mathematics, “How Math Might Save Your Life.”

Guest Lecturer: Cleve Moler, Chairman and Chief Scientist at MathWorks, Inc. Learn how a Caltech undergrad became the Chairman and Chief Scientist of a major corporation and empow­

ered people to make automo­

tive safety and Wall Street more stable. Please join us November 9, 1999. Tea at 3:30 p.m. in 351 Sloan Lecture at 4:15 p.m. in Beckman Institute Auditorium.

Caltech Folk Music Society presents Chris Proctor, Sat., Nov. 13, 8 p.m. in the Student Services Lounge, $12 general admission, $4 Caltech students and chil­

dren.

The Los Angeles Public Li­

brary presents “How Can the Kind Survive? - The Evolution of Morality in Humans and

Other Primates” by Frans de Waal, C.H. Chandler Professor of Psychology and direc­

tor of the Living Links Center at Emory University, Sun., Nov. 2, 7 p.m. at the downtown cen­

tral Library’s Mark Taper Audi­

tion. Tickets are $10,000 and

reservations are advised. Call 213-228-7025 for more infor­

mation.

The Living Better Expo at the Pasadena Center, Nov. 9-10, 10 a.m. to 4 p.m., for additional in­

formation, call 800-243-9774 or visit www.RDPGroup.com.

Caltech will serve as host school for the 1999 Southern California Intercollegiate Ath­

letic Conference (SCAC) men’s and women’s pole championship,

scheduled for Sat-Sun., Nov. 13-14, at Braun Pool on the Caltech campus in Pasadena. Tournament seeds will be an­

ounced Mon., Nov. 8.

The Dean of Students Office needs tutors in all areas - help is especially needed with the main Institute requirements e.g., Math, Physics, CH1, etc. The pay is $8.50 per hour. A strong understanding of the subj­

ect matter, patience, and the ability to communicate well are the qualities needed as a tutor. If you are an upperclassman and would like to be a Dean’s tutor, please stop by the Dean’s Office to see Sandra located in 102 Par­

sons-Gates.

The Vice President for Student Affairs Office is looking for readers to assist a graduate student starting immediately. Computer Science or Engineer­

ing majors are preferred. A ba­

sic understanding of the sub­

ject matter and the ability to communicate well are neces­

sary. Hourly rate paid. Please call or email Jerri Greene, x6321

jerri@caltech.edu

The Caltech Ballroom Dance Club (CBDC) will be starting their next series of classes, i.e. for the second half of the 99 Fall Quarter. For more information, see www.caltech.edu/ballroom or call 626-791-3103.

EVENTS

The Human Resources, Em­

ployee Services office will spon­

sor a Red Cross Blood Drive on: Thursday, November 11 from 10 a.m. to 7 p.m. in the Winnnett Lounge. For an ap­

pointment please contact Diana