QUESTION OF THE WEEK:
WHAT DO YOU THINK ABOUT THE NEW CALTECH MEAL BOARD PROGRAM?

BY JANET ZHU

Frosh:
"If they're going to do something like that, I don't see any good reason why they should exclude the fresh-
m An." — Eric Peters

Sophomore:
"Why can't we just pay for the food we actually eat? I can eat better, and more, than I can on board, and for less money, but Caltech's misguided policy forces me to waste money unnecessarily on inferior food." — Ryan McDaniel

Junior: "It seems unfair to disallow carry over of balances for the declining balance programs. It is nearly impossible to spend all of the money on one's balance without incurring additional costs, and so many students will simply lose much of the money that they have paid into the program." — Kenneth Higa

Bradford Sturtevant, professor of aeronautics, dies

BY JONATHAN FOSTER

Coffeehouse opens, little t arrives

Can a cure for cancer be far behind in this week of miracles?

Two staples of Caltech existence finally materialized last week. The coffeehouse, located in the Student Activities Center (SAC) under the south houses, first opened its doors on the evening of Tuesday October 26 and began dispensing its usual fare of late-night food-like substances. Even more surprising, the little t, which failed to come out last year, was actually distributed to an eager student body on Wednesday. The little t's non-appearance last year deprived the class of 2003 of this valuable resource for life on campus. Where could they learn how to acquire LN2 or fend off a shark attack? Where could they get an off-date list of the Pasadena restaurant scene? The answer was that they couldn't. Luckily, this year has sort of made up for it, since after a few delays, the brand-spanking new little t, graced with a Calvin and Hobbes theme, were distributed to both the current freshmen and sopho-
m An class.

Al though there are a few mistak es (the cover portraits Calvin with distinctly orange hair when it is in fact yellow), the Calvin and Hobbes comic strips, sev eral of which have been updated to reflect life at Caltech, more than make up for any typos or poor write-ups about the office of Tech editor. "This has gotta be the best little t ever," raved Jane Greenham, eagerly flipping through her copy.

In contrast to the little t, the coffeehouse did eventually open last year; that delay was caused by an extensive remodeling of the venue. This year, there was nothing so major, but simply the problem of finding enough stu-
dents willing to staff the coffeehouse. The only thing new this year is the coffeehouse now sells Gatorade and bottled soda, just the same as it always has been. The ceiling still has a few token tiles with toothpicks stuck in them, the music is still obnox ious/interesting depending upon your tastes, the staff still sits behind the counter working on problem sets during slow peri ods, calzookies are still far by the most popular item, and there are still Caltech students who complain about everything. "They're out of pizza already, and it's only the second night," said one student who spoke on condition of anonymity. An-
other complained that the fries got cold too fast. Still, there are also those who love the coffeehouse, and gathering from the number of students who have been down there the first few nights, the coffeehouse has more supporters than detractors.

"I like this place a lot," said Melissa Soriano, a long-time coffeehouse veteran on duty behind the counter. "It's been totally crowded so far this year." Most students were fairly hos-
tile to the rotation-like question "Why do you come to the cof-
feehouse?", although Vikki Kowalski said she came for the people. Another student gave a fairly ringing endorsement of the food saying, "The hot dogs, curvy fries, and shakes have never made me sick."

From here on in, the coffeehouse will be open from 8 to 2 every night of the week, and the staff assured the Tech that there will not be the same delay in opening after winter break. And take comfort: although the coffeehouse is currently out of blue dye for shakes, they have at least 20 bottles of red and the blue dye is on order.

Bradford Sturtevant, the H. W. Liepmann Professor of Aeronau-
tics, passed away on Octo-
ber 20, 2000. He had been bat-
tting pancreatic cancer for the past several months. Sturtevant was a dedicated member of the Caltech community, spending his entire professional career in the Graduate Aeronautical Laboratories at Caltech, or GALCIT. Sturtevant graduated from Yale with a B.S. in Mechanical Engineering. He came to Caltech in 1955, received his Ph.D in 1960 and joined the fac-
ulty immediately. Sturtevant was known in the

Bradford Sturtevant
(1933 - 2000)

Sturtevant for his en-
thusiasm and the broad range of his interests. He was a vigorous athlete, a lover of the outdoors, and a proponent of fluid me-

chaeics as a rigorous intellectual activity that spanned across sci-

tific disciplines from medici-

tne to geology. Sturtevant's accomplishments include developing and running the E5 freshman laboratory in the 1970s, serving as Executive Officer for Aeronautics from 1971 to 1976, and leading the effort behind the Sherman Fairchild library. He was also very involved in Caltech athletic and served terms as the Chairman and Secretary-Treas-

turer of the Southern California Intercollegiate Athletic Confer-

erence. He received many per-

onal awards for his swimming, especially in the open ocean. Sturtevant was best known for his research on shock waves and nonsteady gas dynamics, and over 30 years ago he introduced Caltech students to nonsteady gas dynamics. Twenty-eight stu-
dents received their Ph.D degrees under his supervision. In lieu of flowers, the family has asked for donations to be made in Bradford Sturtevant's memory to Caltech, "Sturtevant Memorial," and to the Athletic Department to construct a jacuzzi whirlpool bath. A memorial service here at Caltech is planned for later this year or early 2001.

Inside the Tech

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Features

Mini-Decompression
Sat 10/28
9 pm

Center for Student Services

Caltech Y

Pasadena, California

October 27, 2000

VOLUME 22, NUMBER 6

Caltech Y

Mini-Decompression
Sat 10/28
9 pm

Center for Student Services

Caltech Y

Pasadena, California

October 27, 2000

VOLUME 22, NUMBER 6

Reminder: No Tech
meeting today at
lunch.
The next meeting is
Mon. 9pm in SAC 40.
LETTERS TO THE EDITORS

October 27, 2000

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Letters

LETTERS TO
THE EDITORS

Letter to Dr. Brennen

October 17, 2000

Dr. Crisopher E. Brennen

President for Student Affairs:

Dear Dr. Brennen:

Our former Resident Associate (RA) Brian Meehan has recently applied for reinstatement. The house has been devoid of an RA for several weeks now and we are frustrated that this has been ignored so long when Brian’s appointment could have long since resolved this issue. However, it has come to our attention that some of the administration involves with Undergraduate Student Affairs have doubts that Brian will be able to continue to adequately fulfill his duties as our RA. We write this letter to dispel any misconceptions about Brian’s abilities as RA and to explain why he is still the ideal choice for this position.

The upper-classmen of Ricketts unanimously agree that he has done an admirable job as our RA for the past two years. He has formed a strong liaison between the Administration and students in the house, remaining faithful to both the interests of Ricketts and his obligations to the school. This is not an easy task considering the inevitable skepticism the students hold toward many administrative policies. He has also shown genuine concern for the students and has been responsive to our needs, especially in times of emergency. In this way, Brian has been at least as reliable as any other RA on campus.

Not only is Brian concerned for our welfare; we are also concerned for his. Many of us realize that our mismatch often results in much duress for Brian when he has to answer to his supervisors in the Residence Life Office. As a result, we often chose to refrain from question-able activities to avoid “getting Brian in trouble.” We feel that this mentality of a cooperative co-existence between our RA and us is far healthier than many alternatives that would result from someone other than Brian taking over his position.

The most important consequence of this relationship is that Brian has become a valuable member of the Ricketts Community. In fact, it has often been remarked that if Brian had been an undergraduate at Caltech, he would have been a member of Ricketts House. This sentiment is indicative of our relationship with Brian: he is as much a member of the house as any other student. As a result, there is a level of trust towards our RA that is unprecedented with past RAs and unknown to most of the other houses on campus. All of us know that we can always go to Brian with our problems and expect to receive sound advice and fair treatment. Since few of us feel safe talking so openly with other RAs and most administrations, Brian has been in a unique situation to handle issues and problems in our House better than anyone else has at school. This is our trust and our genuine concern for every other’s welfare that makes him such an effective RA in Ricketts House.

In light of the reasons described above, it should be patently obvious that Brian has skillfully executed his job and that there is no indication that he will not continue to do so. In fact, we find it strange that instead of being commended for a job well done, his employment status is currently in question. Moreover, many of us feel that it will be impossible to find a replacement RA who is as experienced and trusted as Brian. Hence, we request that Brian be reinstated as our RA and allowed to return to his home.

Ricketts Members of Ricketts House

1) Roger Gibbons
2) Richil Mitchell
3) Brent Whitlock
4) Ben Brown
5) Simon Harris
6) Brian Perel
7) Tony Gharbi
8) Kevin Saffell
9) Bob Goffline
10) Chas Lintott
11) Kalpin Grossi
12) Dave Green
13) Justin Kavan
14) Mark Caran
15) Martin Cahn
16) Jennifer Cooper
17) Joe Cooper
18) Sarah Gillam
19) Anna Smith
20) David C. Cooper
21) Miriam Chias
22) Justin Brown
23) Alan Smith
24) Bill Williams
25) Brian Miller
26) Mitch Green
27) Blandas Luton
28) Joel Luton
29) Alex Luton
30) Derek Luton
31) Scott Collins
32) Steve Collins
33) Scott Moxley
34) Michael Moxley

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The California Tech

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Advertising: 11 am, Monday
Halloween Advertisements: 5 pm, Monday
Special Editions: 7 pm, Monday

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Art and Culture

Yogurt

BY ANSEL AND GEORGIA

As I write this I am often reminded of something that I hear over and over again every midterms week. “Ansel,” they say, “I really have too much time on my hands over the course of this weekend and would really like if you could recommend something for me to do with this free time.” I am paraphrasing here, but for brevity I shall leave out all the other compliments they give me at the same time.

Well, fear no more countless people, for those of you who are looking to kill hours and hours, or just twenty minutes, we have the thing for you this weekend. This is the year 2000 and in this year a significant event occurred: Chaucer died 600 years ago. Now while this anniversary may not be all that important to you it is very important down at the Huntington where they have the illustrated Ellesmere Manuscript of Chaucer’s The Canterbury Tales.

Scribes penned this copy shortly after the death of Chaucer. It is the most beautiful and most complete version of the medieval poet’s best-known work. It consists of 240 parchment (animal skin) leaves, richly illustrated and decorated with gold leaf. Henry Huntington acquired the Ellesmere Chaucer in 1917. It was purchased from the third Earl of Ellesmere, whose family had owned it for 300 years.

Among the other items displayed will be the first printed edition of The Canterbury Tales, and a copy of the famous Kelmscott Chaucer designed by William Morris and Edward Burne-Jones. (I’m not sure what the Kelmscott Chaucer is either, but I’m assured that it’s important.)

The exhibit runs from now until the 28th of January. Student rates are $6 for students with ID.

For those of you who are more interested in the beauty of the world, the Los Angeles County Art Museum (LACMA) has a display “Made in California: 1900-2000” that runs from this month until February. Those of you who are from out of state can be introduced to the beauty of California, most of which you will never see since you don’t have nearly enough time to travel.

For all of the problems that California has, there is something remarkable about having Mt. Whitney, the Mojave, and Monterey all in the same state. There are about 550 works of art in a wide range of media, including painting, sculpture, photography, graphic art, decorative art, fashion, film, and music.

Also included are approximately 350 additional cultural documents, such as travel brochures, posters, postcards, magazine and newspaper articles, and documentary photography conveying California’s image to the rest of the world. Other organizations are also presenting displays in conjunction with the LACMA exhibition, contact LACMA for more details. Admission is $5 for students with ID.

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Innerspace

Affirmative Action
by Jason Meltzer

I am disappointed that in this election year, there is a big fat elephant of an issue that has barely been addressed by the candidates: affirmative action. Actually, this is part of a broader problem, that of discrimination and prejudice in general, that our country always seems to have a hard time dealing with.

This issue is on my mind because I am applying to graduate school and fellowship programs at this time. As with many such processes, it is filled with blatant discrimination, seemingly to no end that positively benefits society. For example, there are tons of fellowships and grants, many of them funded by the government, that are available only to "minority groups" or women entering science or engineering fields. I don't question the fact that the sciences are unusually unbalanced in their representation of these groups, and society should encourage their members to explore science education early on. At the level of a PhD program, however, sponsoring a fellowship for minorities or imposing an affirmative action program just seems silly. The people who are seeking this level of expertise in the sciences should have already made up their minds pretty firmly that this is what they want to do. As this is the case, the fellowships exclusively for minorities and women are at best ineffectual, but probably destructive. Why, you may ask? If the point of such a fellowship is to provide a monetary incentive to enter graduate school, the only people it will encourage are those who probably don't really want to pursue this career in the first place. If they do, they are going to do it, anyway. There's no reason to tempt people with money into going to graduate school in science, as it is the point of such scholarships for high school or undergraduate programs. In those cases, the education may be exploratory; the extra incentive may cause someone to be a science major when they might not have otherwise done so. If they then find they really enjoy the work, they continue; otherwise, they stop. No harm done either way. Anyone who's applying to a PhD program should really have their mind made up already, fellowship or not.

Now that I have vented my personal frustration on this issue, I'll address the broader problems I find when thinking about the way we handle discrimination. Usually, to correct a general wrong due to racism, a compensation of some sort is offered to the involved parties. This may come in the form of affirmative action programs, money, or both. An interesting fact I read is that Germany actually pays billions of dollars in reparations to Israel to say "we're sorry" for the Holocaust. This is a rather extreme case, but it raises the interesting question: should the current generation be held responsible for the crimes of the past? In this case, a very small percentage of the German population actually participated in any crimes against Jews in the Holocaust, yet they still pay. This case is one where I would simply leave as food for thought, as I don't know the answer myself.

Most of the time, the issue at hand is less well defined than my last example. One really that gets me is affirmative action for minority groups in this country. First of all, how do we define a minority group, and more importantly, how do we decide if they have somehow been wronged by society? I think most of these programs are terribly hypocritical. They claim that certain people, primarily because of their genetic makeup, are at a societal disadvantage: it's harder for them to get into college, get jobs, and get high salaries because of discrimination. I find it reprehensible that we, as a society, have decided to help some groups and not others.

I'd say the biggest group of geographically disadvantaged people are ugly people. Our outward appearances are almost completely determined by our genes, and if you happen to have a few ugly genes, you're at a serious societal disadvantage. People are really quite superficial in judgement, and more physically beautiful people have a huge advantage in all aspects of life, including the job market. Take two people applying for the same job, both of whom have similar qualifications. The one that's better looking will probably get it. I'd bet that even if the more attractive person is less qualified (to a certain extent), he's still more likely to get the position. This is a form of discrimination, just one that isn't recognized by society.

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5

Domestic Politics

Off the beaten path: lesser-known parties

BY WILL PETERSON

As election time closes in, the media milks the disputes between Republicans and Democrats ad nauseam. Some refreshing views from lesser-known parties are subsequently presented.

Libertarian National Socialist Green Party

www.naz.org

I’m almost 80% sure it’s a joke, but the volume of information and professional tone on its website make me wonder.

“The Libertarian National Socialist Green Party is in part based upon the work of the Libertarian party from whom we gain appreciation for the individual spirit and independence from a morally-judgmental, active, government. From the Green party we inherit extreme concepts of practical ecological value. Our emphasis upon self-reliance, diligence, and individual labor without interruption from the herd or the whining of the weak comes from the National Socialist regime of Germany.”

They have a very interesting gun control policy: “We support the socialization of gun manufacture and distribution to every able-bodied adult a fully working assault rifle to prevent crime through local enforcement. This removes the danger of guns, since no citizen will have an unfair advantage over others and will be assured mutual return of destruction.”

The Light Party

www.lightparty.com

The Light Party claims to have “a practical, synergistic 7-point program which serves to successfully resolve our current socio-economic and ecological challenges...” Light Party objectives include:

—Encouraging people to eat healthier
—Closing down the IMF
—Abolishing nuclear weapons and asking the Native Americans for forgiveness.
—Encourage people to create “attainment.” These are works which “Inspire, Delight, Heal and Enlighten”

They also plan to create a national television network that will broadcast attainment nonstop.

—Create a Global Peace Center on Alcatraz Island.
—If the Light Party appeals to you, feel free to write in “Da Vid,” the founder, as your choice for president. As a special bonus, with a $33 membership donation, you get a free CD of his New Age music.

United States Pacifist Party

www.igc.org/app

To members of the Pacifist Party, not only war, but “military power is a practical mistake in our time.” Using the “Armageddon Equation” and a (flawed) game theory proof, they conclusively prove that the existence of any type of military is a horrible mistake.

To remedy the situation, they suggest “Zero military budget” and “Establishment of an unarmed service corps, a ‘Merce Force’ trained in strategic nonviolent defense and equipped for mobilization anywhere in the world.”

They suggest not only that America should completely abolish her military, but that she should continue to intervene in countries throughout the world. Understanding that not all countries would appreciate this peaceful nature, they call for “Preparation for nonviolent resistance against possible invasion and occupation attempts.”

Bradford Lyttle is the candidate for the Pacifist Party.

The Family Values Party

www.members.aol.com/fyparty/fyparty1

“I, Tom Wells...started The Family Values Party (FVP) at the command of OUR HEAVENLY FATHER, and that is why there are some serious restriction as to who can and who cannot give their money to The Family Values Party. But at 2:00 a.m. December 25th, 1994, I was awakened...by a BRIGHT LIGHT: A voice called to me saying, ‘TELL MY PEOPLE THAT THEY...ARE NOT TO PAY THEIR TAXES UNTIL ABORTION IS NO LONGER PUBLICLY FUNDED.’

If you’re interested in donating money to the FVP, there is a rather stringent 9-point checklist that you have to pass. Question 1 requires you to state that “I have written my letters to my public officials stating that I am prepared not to pay my taxes until abortion is no longer publicly funded.”

Both males and females are required to write this statement, but only males that have attained the age of twenty years old must actually do what ever they can not to pay their taxes.”

He has a rather unique view on homosexuality: “OUR HEAVENLY FATHER clearly says that man shall not lie with man...but has most conspicuously said nothing about woman to woman. I may not like nor understand female homosexual behavior, but I cannot say it is an abomination against OUR HEAVENLY FATHER because HE has been so conspicuously quite on the subject.”

Prohibition Party

www.prohibition.org

Earl Dodge heads the ticket for America’s third-oldest political party. The Prohibition Party has fielded a presidential candidate in every election since 1869.

“Our party, alone, offers a program of publicity, education, legislation and administration leading to the prohibition of the manufacturing, distribution and sale of all alcoholic beverages...we will help Americans to realize that alcohol’s harmful effects far outweigh those of all illegal drugs, combined.”

Some of the party’s older slogans can still be found tucked away on their website: “‘Tis here we pledge perpetual hate, to all that can intoxicarte.”

Apparently the war on drugs has gone so well that we’re ready to move on to the next front.

Southern Independence Party

www.southernindependentparty.com

Seceding from the Southern Party just one year after its founding, the Southern Independence Party advocates the formation of a separate nation consisting of the Southern states.

To its credit, the group appears not to hold any racist beliefs. The SJP explains the difficulty in forming an independent Southern nation...“in light of the current social and cultural condition of the Southern people, it would appear the task of securing full independence for Dixie may require decades and perhaps even a few generations.”
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Fri. - Sat. at 7, 9:30, 11:30 AM
No One Under 17 Will Be Admitted
The Yard
Fri. - Sat. at 7, 9:30, 11:30 AM
The Tenderness
Fri. - Sat. at 7, 9:30, 11:30 AM
Live Free or Die Hard
Fri. - Sat. at 7, 9:30, 11:30 AM

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October 27, 2000
The California Tech

Comics

DILBERT® by Scott Adams

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OUR RECORDS SHOW THAT YOU USE THE INTERNET FOR PERSONAL REASONS.

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PLEASE... I MElRED ORDERED GROCERIES ONLINE SO THAT I MIGHT HAVE MORE TIME FOR WORKING.

MY MOTTOS IS, YOU CAN'T SPELL 'WHO CARES!' WITHOUT H.R.,

IT'S EVIL, BUT IT'S TRUE.

I... MUST... RESIST... USING... THE... INTERNET... FOR... PERSONAL... REASONS.

GAAH! THERE'S A WHOLE WORLD OF KNOWLEDGE AND ENTERTAINMENT AT MY FINGERTIPS... TEASING ME!

ICE CREAM IS SO HUNGRY!

NO FATTING IN YOUR CURBICLE.

I FIRED EVERYONE WHO USED THE INTERNET FOR PERSONAL STUFF.

THE ONLY WRINKLE IN THAT POLICY IS THAT YOU AND I ARE THE ONLY EMPLOYEES LEFT.

AND FRANKLY, I USE THE WEB FOR PERSONAL STUFF TOO.

CAN YOU TEACH ME HOW?

AND WHAT'S YOUR REASON FOR LEAVING YOUR PREVIOUS JOB?

YOU FIRED ME YESTERDAY FOR NON-BUSINESS USE OF THE INTERNET.

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FoxTrot by Bill Amend

I THINK BUSINESS IS BREAKING UP.

AAAAA!

AND SEE WHAT PEOPLE ARE SAYING.

AAAAA!

I THINK BUSINESS IS BREAKING UP.

AAAAA!

ALREADY... IT'S NOT LIKE WE'RE THAT GREAT A VENUE.

AAAAA!

IT'S NOT LIKE WE'RE THAT GREAT A VENUE.

AAAAA!

I THINK BUSINESS IS BREAKING UP.

AAAAA!

WHATEVER HAPPENS, I'M NOT GONNA LET IT RUIN MY LIFE.

YOU'RE THINKING TOO SMALL.

I THINK BUSINESS IS BREAKING UP.

AAAAA!

LET'S GET AWAY FROM HERE.

WE'VE GOT A HOT-DOGGING SURF!

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Dean

Dean's Corner

Napster and all that friends grew into tor-
rents, absolutely immense numbers of pieces being down-
loaded.

Free distribution of music (or of books, etc.), may violate the rights of the copyright owner. As the law stands today, a work is protected by copyright when created (in the past the new ma-
terial first had to be registered, but not any more). No one is entitled to copy or use copy-
righited material without permission. The copyright owners can ask for a fee from users of their work or they may give permis-
sion to use the material without cost. But it is the copyright owners' prerogative to decide what should be done.

Now the copyright law is somewhat softened by the concept of fair use. This means a person can make a few copies of something for uses such as criticism, scholarly study, teach-
ing etc. The most important ele-
ment in determining whether copying is fair is whether repro-
ducing the material is likely to damage the potential market for the work. Copyright protection extends from inception to 70 years after the death of the au-
thor. So downloading modern music (<70 years old) without permission is an infringement of copyright law. Yet it is so easy to do. The Napster software pro-
vides access to databases from which any music can be copied. Six months ago, more than 450,000 pieces of music were available for downloading. In fact, many schools found that their networks were being clogged by the traffic generated by transfer of music between students. All this activity prompted the Recording Indus-
try Association of America (RIAA) to claim Napster was infringing on the copyright of the composers (and that of re-
cording labels too). Suits against Napster were also brought by Metallica, De Dre, etc. Free distri-
bution of MP3 files will most likely decrease the sale of mu-
sic, and hurt both composers and distributors. While a judge re-
cently decided that Napster did indeed break copyright laws, the judgment was suspended to al-
low time for further arguments.

Napster claims it does nothing wrong, since it only provides a database of available music, i.e. the means by which music can be exchanged between friends, and does not exchange the mu-
ic itself. But it is easy to attack it, since it can readily be shut down by pulling the plug on the servers which hold its database. In another distribution scheme, used by Gnutella, no database is required, so it is much harder to pin the blame for song lifting. When one computer running Gnutella reaches another, it searches the hard drive for other Gnutella running computers that are (were) connected, and logs on to them. Like a spreading in-
fecion, a huge network of con-
nections is rapidly formed, al-
lowing the exchange of files. That approach would seem very hard to stop, although there are signs that Gnutella may well collapse of its own weight. There are too many sites, too many connections, and the sys-
tem gets bogged down waiting for responses from computers on dial-up connections.

It is likely that just as in the case of software piracy, there will surely be solutions to web music piracy. Maybe it will be through the use of "watermarks" embedded in the music, al-
though it appears that system has already been circumvented. Un-
til another way is found to sat-
isfy the needs and desires of all involved, producers and listen-
ers both, I believe it behaves each of us to respect compos-
ers', musicians' and, yes, even record labels' rights to earn a liv-
ing from their endeavors. Whether you think music should be distributed freely, or are will-
ing to pay for the privilege of playing it, right now, taking stuff without permission is stealing, be it someone's wallet or music that can be turned into money. (C)Thieves, stealing!!!

Jean-Paul Revel

October 27, 2000

The California Tech
The Caltech Ballroom Dance Club [CBDC] continues its offerings of dance classes and routine performances in its fifth year. Beginning West Coast Swing - taught by a professional dance instructor, five week session starting Mon, Oct 2, 7:30-8:30 pm in Piste A, 1 hr 45 min. Refreshments will be provided, and a partner is required. Beginning Argentinian Tango - taught by guest instructor, four week series starting Mon, Sep 25, 7:30-8:30 pm in Piste A, 1 hr 45 min. Refreshments will be provided, and a partner is required. For last minute changes see its.caltech.edu/~ballroom, or call Don at 562-791-3103.

The Caltech Ballroom Dance Club holds a series of weekly “mini-parties”, i.e., no lesson/demonstration or theme as done for the “regular” parties. The parties are free and take place in Winnett Lounge after each pro-taught class [West Coast Swing for the first half of the Fall’00 term and probably the Lindy for the second half] on Mon from 9:00-11:00pm. Refreshments are provided and no partner is required. From 9:00 to 9:30pm music pertaining to the previous class will be played, but after 9:30pm feel free to make requests or bring your own music. A Milonga [Argentine Dance Party] will be held 8:00-11:59 pm in Dabney Lounge Fri Oct 20. The party is free, re-entry is not allowed, but non-participants are welcome, and no partner is required. For last minute changes see its.caltech.edu/~ballroom, or call Don at 562-791-3103.

Science, Ethics, and Public Policy Lecture Series for Fall Quarter 2000: Dr. Myles W. Jackson, Assistant Professor of the History of Science, Willamette University. The Standardization of Aesthetic Qualities: Physics and Music in Nineteenth-Century Germany. Thursday, November 9, 2000 4:00 p.m. Room 25 Baxter Building. The William and Myrtle Harris Distinguished Lectureship in Science and Civilization presents Dr. Peter Galison, Professor of the History of Science and of Physicsism, Harvard University, Prior to Einstein’s Maps and Einstein’s Clocks, Friday, December 1, 2000 4:00 p.m. Beckman Institute Auditorium. Seminars on the Caltech campus are subject to the community at no charge. For information, contact Michèle Reinseh (at 626) 395-4087 or michelle@hss.caltech.edu. For a complete list of SEPP Seminars and Harris Lectures scheduled for this academic year visit our Website: www.hss.caltech.edu/sect/sepp.html.

The AFCEA Copernicus Foundation is offering a $2,000 scholarship to eligible students working towards an undergraduate technology degree in the fields of computer science, computer information systems, and electronics engineering technology. Applicants must be enrolled full-time in a technology or four-year institution in the U.S., be a U.S. citizen, and be a sophomore or junior at the time of application. Special consideration will be given to minority entitled candidates. For further information regarding the AFCEA Copernicus Foundation Scholarship, you may contact: Norma Correia at (703) 631-6149, e-mail scholarship@afcea.org, or visit their website at www.afcea.org. Entries must be submitted to AFCEA Educational Foundation by November 1, 2000.

The Aero Association of Caltech will hold its Fall membership meeting at 7:30 PM on Tuesday, November 14, in room 201 East Bridge. Featured speaker Dick Rutan will be presenting the topic of Adventure Is The Essence of Life. Dick Rutan set a world record in his unrefueled, non-stop flight around the world in the Voyager aircraft in 1986. Rutan has also attempted to fly a balloon non-stop around the World, and recently made an attempt to fly a balloon from the North Pole to the North Pole in May, which ended with the AN 2 aircraft breaking through the ice after landing at the North Pole and sinking into the Arctic Ocean.

Anyone interested in aviation, or in learning to fly is invited to attend the meeting. For more information, contact the Aero Club or the Fall meeting, contact Elaine Ou at ou@its.caltech.edu.

The Financial Aid Office has applications and/or information on the following as well as additional undergraduate scholarships. All qualified students are encouraged to apply. Our office is located at 515 S. Wilson, second floor.

The California Tech 40-58 Pasadena, CA 91126

Scholarship Chairperson Teledyne Electronics Technologies, Marine Darin Re Cal- lability, 12646 Panama Street Los Angeles, CA 90066-6534 Entries must be submitted to Teledyne Electronics Technologies by December 1, 2000. Entries must be submitted to AFCEA Educational Foundation by November 1, 2000.

Applications are available at the Financial Aid Office. Please send completed application materials to: National Academy for Nuclear Training Scholarship Review Committee, P.O. Box 6302 Princeton, NJ 08541-6302. Entries must be submitted to the National Academy for Nuclear Training by February 1, 2001.

The National Academy for Nuclear Training is offering $2,500 scholarships to eligible undergraduate students majoring in nuclear engineering, power generation, health physics, electrical or mechanical engineering, or chemical engineering requiring nuclear power careers. Additionally, scholarships will be renewed for current Academy scholars who maintain their eligibility. For further information on the National Academy Educational Assistant programs, please visit www.nei.org. Applications are accepted in the Financial Aid Office. Please send complete application materials to: National Academy for Nuclear Training Scholarship Review Committee, P.O. Box 6302 Princeton, NJ 08541-6302. Entries must be submitted to the National Academy for Nuclear Training by February 1, 2001.

To submit an event for the Mints, contact mints@acs.caltech.edu or mail your announcement to your College’s 40-58 Amts. Submissions should be brief and concise. Email is preferred. The editor reserves the right to edit an abridged all material. Deadline 1 noon Wednesday. Unless specified, all mints will run for two weeks.