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Shmn.
This year's ASCIT elections are an opportunity for candidates to really get involved in the campus activities rather than just participating in their Caltech careers far and away. Some students have already done this, and their statements can be read on page three. We must select those who will treat their positions responsibly and competently, and have demonstrated this ability in the way they've dealt with us up until now.

Opinion

This is a very rewarding thing. It is also not an easy task. You must take everything that simply must not be ignored. A word of warning though: while other ASCIT officers may say they're doing their job, they're not. Just look at the current machine. It's not working. That's the first problem: beyond these, there are no other issues present from this machine to a used-book exchange. This urge you to consider carefully the machines to a used-book exchange. People won numerous film awards, including Academy Awards for Best Movies People. We must need to be more streamlined than before. This is a very fun thing. It's also not however, something to be taken lightly. As an editor of the Tech, you know that you think people should hear. We're talking power trip on a grand scale. You and your colleagues, or incite unrest. If you're looking for something, it's your baby. The equipment is great, with a voluptuous new IBM-PC in addition to the IVY machine. This means that production is even more streamlined than before. This is the job of the top of the ladder. This is what you want.

If you're interested in this, you are the kind of guy who likes to feel the wind run its fingers through your hair, and the sun on your back, stop by and talk to us.

Paul Gillespie
Peter Ashcroft

Conference Survey Results

by Castor Fu

Some of you may remember filling out surveys on student facilities and the core curriculum last term. Most of these were actually read by people preparing for the upcoming Faculty-Student Conference to be held on February 22. Topics to be covered at the conference will include the above-mentioned student facilities and core curriculum, as well as interdepartmental morale, teaching quality, and the humanities at Caltech. If you are interested in participating, please contact Lisa Henderson at X3961.

On the student facilities questionnaire we received about 180 responses from both graduate and undergraduate students. Most of the responses commented on the lack of information about facilities available. One student even asked when the gym was located. However, the most surprising result was the demand for racquetball/squash courts. Although there was no mention of them on the survey, nearly a quarter of the students said they wanted racquetball courts. This was true of both grads and undergrads, and was independent of where people lived, which makes it more likely students from one house for more math books, and requests from another undergraduate house for a helipot.

One of the purposes of the student facilities survey was to assess students' feelings about a new student center. About 60 percent of undergraduate students thought Caltech could use an improved student center. As many people pointed out, Caltech lacks a place where students from different houses can get together. Winnott Lounge was called cold, uninviting, and ugly. Several people pointed out that Winnott Lounge and the student center似乎 seems to be a meeting place for clubs and for small lectures, and any attempt to remodel it into a form more suitable for informal gatherings would prevent it from serving its current function. In fact, out of the people who thought the student center needed to be improved, about 60 percent of the students thought that a simple renovation or expansion of Winnott would be insufficient. However, no one mentioned the renovation of the South House basement as a possible solution.

Of course, what is inside a student center is more important than how it is physically organized. Places to buy food and lounge areas, which students feel are lacking, would prevent it from serving its purpose. The dormitories are great, with a voluptuous new IBM-PC in addition to the IVY machine. This means that production is even more streamlined than before. This is the job of the top of the ladder. This is what you want. If you're interested in this, you are the kind of guy who likes to feel the wind run its fingers through your hair, and the sun on your back, stop by and talk to us.

The Caltech Y Fly-by

Friday, January 24
Noon Concert — Traditional Irish Music with Mick Moloney, Jonny Kearney, and Robbie O'Connell. At noon on the Quad. Bring a friend and a Shamrock.
L.A. Philharmonic — Sibelius, Sibelius, and more Sibelius! Concert starts at 8 PM, so the Y-Car leaves at 7:15 PM.
Saturdays, January 25
Sailing Trip! All day long! Leave Caltech around 8 AM, so meet at Winnott at 7:30 AM.
Aurora watching! See pictures being sent from Voyager and many others in the Voyager Control Room. Leave Caltech at 7:30 PM. FREE!

Wednesday, January 28
Noon Update — Rock Pavements in the Desert." Peter Haff, professor of geology in the Department of Geosciences, will discuss the formation of rocks under extreme conditions.

February 1
Noon Concert — La Bottine Souriante — French-Canadian folk music from Quebec. At noon on the Quad. Bring a friend and a Shamrock.

THE ASCIT MOVIE

TONIGHT at 7:30 and 10:00

THE KILLING FIELDS

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24 January 1986

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Friday, January 24, 1986

THE CALIFORNIA TECH

ASCIT Elections

President:

Clea Bures

The office of ASCIT President not only involves many administrative duties, but also requires a sincere commitment to improving student life both academically and socially. To be effective as the representative of the Caltech student community, the president must be constantly aware of all student opinions—not just those of one house or one small group of students. The ASCIT President must also be able to communicate well with the faculty, the administration, and other students. I am highly aware of student opinion because of my participation in a wide range of campus activities and membership in several of the student houses. My committee memberships have included the following: the Caltech Y Excom; the upperclass admissions committee; freshman admissions committee alternate; and the search committee charged with finding a new track and field/cross country coach. I have also served as the Richkets House Athletic Manager. I have, through these positions, gained necessary experience in working with both students and faculty.

Caltech students currently do not have sufficient access to ASCIT. Students lack awareness of the activities of the ASCIT Board of Directors. As president I will work to make ASCIT more visible and make it more responsive to student needs. I will encourage those students with sufficient time and desire to participate in board meetings and discussions. I will increase student awareness through articles in the California Tech together with dinner announcements which will notify students of the agenda for upcoming board meetings. Also, I support more activities and projects (interhouse parties, renovation of Wannett Student Center, etc.) which promote interaction between the student houses.

I believe that my enthusiasm and ability to effect positive changes make me the best candidate for the office of ASCIT President. If you have any questions, please contact me at 304-9526. Please support me in Monday’s election.

Kathleen Hayashibara

The office of ASCIT President demands much from a person. First of all, you must be willing to donate a significant portion of your time no matter how busy you may be with other things. Also, a personal trait I have is the ability to understand and know how to carry out administrative duties so that ideas presented in meetings can be evaluated and put to work effectively. In addition, the ASCIT President must be able to communicate well with the student body in order to determine what its general viewpoint is on particular issues so that intelligent decisions can be made. Finally, the president must be deeply concerned with the needs of the people he or she represents.

I believe that I have enough time available in order to do the job well since I am nearly finished with all my requirements. Furthermore, I am a responsible, hard-working person so you can be assured that I will commit enough of my time to the duties involved. As far as past experience is concerned, although I have not held an office at Caltech, I have worked for a corporation (TRW) for eight months and gained experience participating in section meetings and thus have become familiar with the process of getting organized for meetings, voicing ideas, and putting them to work. In addition to my experience at TRW, I have a good service record from my career at high school. For example, I received the Gold N award in recognition of my service to the school, and I also belong to the Episcopal Society, whose members are elected to this city-wide (Los Angeles) organization based on citizenship, leadership, scholarship, and service to school and community. Also during high school I gained experience working with faculty members by serving on the AB 65 Student-Faculty Council, whose task was to determine how money given to the school by the state by Appropriation Bill #55 was to be budgeted. Another characteristic that I feel makes me qualified for president is continued on page 6

Treasurer:

David Parkinson

Soon, you will be asked to make a choice. You need to know the facts. Never make a decision without the facts. Do you know the facts? I do. Can any other candidate offer two years of ASCIT BOD experience? As a matter of fact, no. The big difference is in the word that follows. Experience. As ASCIT Director at Large for two years, I have gained valuable insight into the inner workings of the board. Last year, I was in charge of the publication of the UROP handbook. Lately, I have been responsible for the ASCIT Van—providing transportation for the Caltech community. Evidently, the fresher and the sub-ren is for experience. Yulph, the more you hear, the better I sound.

I would greatly appreciate the opportunity to serve the campus in my management the fiscal year ends in February, the Tech will have grossed over $45,000, rough compared to the entire ASCIT budget. Under my management there was a surplus and my ability to effect positive changes was to be budgeted...

Thank you for your continued support.

David Goldreich

I would greatly appreciate the opportunity to serve you as ASCIT Treasurer. It is important that the Treasurer be able to conduct business on behalf of ASCIT and also to keep accurate records. As Business Manager of the California Tech for the past year, I gained experience and have had much success in both of these matters. When the fiscal year ends in February, the Tech will have grossed over $45,000, roughly comparable to the entire ASCIT budget. Under my management there was a surplus and my most profitable year ever.

I would now like to have the opportunity to serve the campus in a broader way. I am diligent, conscientious, and determined to perform the duties of Treasurer to the utmost of my abilities. Thank you for your support on election day.
Tutu
from page 1
Southern Christian Leadership Conference (SCLC) in Atlanta, held special meaning this year as it was the first national holiday dedicated to the memory of Dr. Martin Luther King, Jr. (SCLC thirty years ago). Attends do not have to sit down and be solemnly entertained by deserving social/political ad­ vocates, but were also honored by the energy and charisma of Dr. Tutu, the keynote speaker of the evening at 8 p.m.

Los Angeles is only one of the many stops for Tutu, who has been making public appearances all over the country to thank the American peo­ ple for their untiring support, assistance and support. His tour, sponsored by the Adelphi Foun­ dation, covers ten U.S. cities and is most demanding. In fact, Bishop Tutu arrived in Los Angeles (after speaking in Atlanta on Sunday) no more than an hour before appear­ ing in a press conference at the Bonaventure. The dinner, awards and Tu­tu’s speech followed.

Although many parallels have been drawn between Dr. King and Bishop Tutu, the Bishop is careful to keep the two entities separate. During the press conference, he claimed, “I do not belong in the same league as Dr. Martin Luther King, Jr. and I am not a peace lover. I think that would be circ­ umstances and I don’t think I am justified.” He cited Ngo Gei­ many as an example. Tutu also dis­agreed with Dr. King on the subject of race and war: “the hip­ pothesis that human rights in a land where the laws, the very constitution is determined about you, filling you with self-hatred, accepting a negative self-image.” However, Bishop Tutu did not think this the worst aspect of apartheid. He postulated that “the most blameworthy thing about apartheid is that it can make a child of God doubt that she or he is a child of God.”

The conclusion of the address stressed the need for in­ terdependence and working together on resolving topics such as world hunger, the arms race and apartheid. Tutu again said that “the law of the land is against us” regarding basic human rights in South Africa and that there aren’t any sec­ tional freedom.... “No one can ever be truly free unless all are free,” a concept understood very well by Martin Luther King, Jr.

Tutu paid tribute to Bishop Tutu and praised King and hoped for the future of the American Church. Martin thank God that he was a giant among women and men, thank God for his vision, thank God for his moral and physical courage... How else could Martin have prov­ ed his great love for his brothers and sisters, black and white, than by laying down his life for them and so emulating his Lord and master? Lastly, he spoke of King’s “principled life” and Bishop Tutu’s “dream” that of St. John in the Book of Revelation.

“...And after this, I looked and saw a vast throng which no one could number, from every nation of all tribes, peoples and languages standing in front of the throne and before the Lamb. They were robed in white and had palms in their hands and cried aloud, ‘Victory to our God, who sits on the throne, and to the Lamb!’

Perhaps the together­ness described by St. John will soon be achieved, when our space­craft will also search for a planetary magnetic field, new satellites and new rings. Encour­ ter activity peaks during a 6 hour period today, Jan. 24, 1966, when the highest priority observations will take place. In about a quarter of a day, scient­ists will receive another image of Uranus, its satellites, and rings, that has been learned since of the spacecraft’s closest approach, however, will be recorded on the planet on March 13, 1978. Much of the data collected during the spacecraft’s closest approach, however, will be recorded on the planet on March 13, 1978.

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A Visit to the Museum

by Bengt Magnusson

While I visited Scandinavia this Christmas, I spent several hours visiting some of the art museums we have up there. Well, I only got to one of them—Visby at Gotland, which is about 15,000 kilometers to get to Sweden, but my mom thought it was much too far to travel the remaining 350 km to the Munch Museum in Oslo, Norway. Parents are strange sometimes. So I had to be satisfied with visiting the Louissiana Museum in Humlebaek, Denmark.

Louisiana is undoubtedly Scandina­via’s foremost museum for modern art. The museum itself is a nice piece of art, by the way, with a very interesting architecture, and beautifully located on the western shore of Oresund. It has a large permanent collection of later 20th century art, with world-famous artists like Andy Warhol, Anthony Tapiés, and Frank Stella well represented.

The most interesting part of Louissiana, though, is its hall for temporary exhibitions. In the past, they have shown works of artists such as Gagin, Munch, Picasso, and Malevich. Their latest show, which I had the fortune to see, was entitled “Russian Avant­Garde, 1910-1930,” and was, in one word, stunning.

This period, just around the revolution in Russia, was one of the most exciting ones in art history. The artists were constantly experimenting, and although some were just plain weird and led to dead ends, others succeeded in pushing the frontiers of art forward at a rate never seen before or since.

Unfortunately, the communist government grew increasingly hostile toward these expressions of freedom, and Stalin finally put an end to it all by imprisoning or ex­ pelling the artists!

But back to the show! All the famous names were shown: Kan­ dinsky, Malevich, Popova, Gon­ charova, Tatlin … Several less known artists were also represented. One of Popova’s paintings can be seen at the Nor­ ton Simon here in Pasadena; at Louissiana, she was represented with several very good cubist paint­ ings and painting-sculptures. Kan­ dinsky was covered well with both earlier, figurative works, as well as several of his later, characteristic abstract works, like “White Line” from 1920. The works shown by Malevich were of quite varying quality. Some of it was really bad, nothing but scribblings on dirty graph paper—it should not be called art, and I doubt Malevich intended it to be exhibited. However, some of his best suprematist works were also shown, for example “Dynamic Suprematism,” 1916, which is a very energy-filled geometric composition. Unfortu­ nately, none of his “White on White” were shown. On the other hand, they showed one of Rod­ chen’s “Black on Black,” 1916. The painting is entirely black; only varying textures and paint thickness let you see the pattern in it. It is wonderful.

Some of the best work is new in the hands of these Russian artists. Most famous is probably the so-called "constructivism," which was an entirely Russian movement. Its most important proponents were Vladimir Tatlin, El Lissitsky, and Naum Gabo, and they were all given room in this show. Unfortu­ nately, most of their original works were destroyed in the chaotic circumstances present in Russia in those days, forcing the later construction of replicas of their sculptures. Tatlin showed for the first time that good sculptures could be made out of interspersed junk, like his “Hanging Corner Relief,” 1915. He also built a model to a Monument to the Third International in 1920, a monument which was to be a 400m-high rotating spiral tower. Needless to say, it was never built, but a replica of the model was shown in Louissiana.

The best and most last­ing im­ pression was given by a more well­ known couple, though—Michael Larionov and Natalia Goncharova; Goncharova’s works were especially impres­sive. Together, they formed— and continued—a move­ ment called rayonism. Much in­ fluenced by cubism, they wanted to move on to something new. By let­ ting light rays—thus the name rayonism—through visible sources, strike and reflect, from their depicted objects, they created a pattern of intersecting rays and planes of light, sort of like the cubist facet­planes. These elements interact in a very dynamic and expressive way. Goncharova’s rayonist paintings contribute something continued on page 6

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Friday, January 24, 1986 THE CALIFORNIA TECH 5

KISMET Production

It's that time of year again when a group of dedicated theater profes­sors, staff, and JPL personnel come together for two months of hard work and fun, and escape from the academic grind. What are they doing? They're preparing this year's musical, Kismet, which has been a 15-year dream of the peo­ple associated with theater arts at Caltech.

The cast features beautiful women, Dick Feynman and his world-famous drums, poets from El Monte, and a Welsh boa con­strictor named Riiys. Rehearsals are a chance to be hawdy and bonkers to the musical themes of the show. The show features ballyhoo, dancing, juggling, flashing sword-play, and all the exotic glamour of the 1920's.

But it can't happen without your help! The cast still needs basses and baritones, and the orchestra desperately needs violins. Also, anyone interested in starring in the organized cobra to come out of a basket and dance can also be part of the fun. If you can't do any of that, don't despair! You can still help with set construction, makeup, or movie without being distracted by the cumulative effect is significant. I hesitate to review Tracers in the usual terms of writing, acting, quality of the sound and lighting and such. Suffice it to say that the production did not get in the way of the play, and in cases like this the message is more than the medium. If this sounds like darning a fastnet, it is. Very seldom can one watch a play or movie without being distracted by some nuance technical problem. In this performance, whatever technical problems there may have been didn't distract, which is really all you could ask.

Tracers is not a drama. The ac­tion does not revolve around a story, but a situation. Violence and history is more like leafing through a book, characters are interspersed with simulated battles, pantomimes and such. Suffice it to say that the whole cast. The music is an essential part, the well-chosen selections at times beautifully complementing the action on stage.

The format is that of individual scenes, with each scene highlighting a particular character or aspect of the war. The individual scenes are not particularly notable on their own. There is the obligatory Sergeant­grilling-the-new-recruits scene, a drag scene, a serious-meta­physical-rape-while-on-dope scene, and some gruesome battle scenes (though the blood is in the imagina­tion of the audience). Thanks to the hundreds and hundreds of Old World II movies, most such scenes might quickly be dismissed as cliches (and isn't that a charming thought?). The honesty and ex­perience of the veteran casts can make all the difference. Without that, anything would be trite and overblown.

Becoming self-consciously art­sy or preachy is a very seldom can one watch a play or movie without being distracted by some nuance technical problem. In this performance, whatever technical problems there may have been didn't distract, which is really all you could ask.

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Becoming self-consciously art­sy or preachy is a very seldom can one watch a play or movie without being distracted by some nuance technical problem. In this performance, whatever technical problems there may have been didn't distract, which is really all you could ask.

Tracers is not a drama. The ac­tion does not revolve around a story, but a situation. Violence and history is more like leafing through a book, characters are interspersed with simulated battles, pantomimes and such. Suffice it to say that the whole cast. The music is an essential part, the well-chosen selections at times beautifully complementing the action on stage.

The format is that of individual scenes, with each scene highlighting a particular character or aspect of the war. The individual scenes are not particularly notable on their own. There is the obligatory Sergeant­grilling-the-new-recruits scene, a drag scene, a serious-meta­physical-rape-while-on-dope scene, and some gruesome battle scenes (though the blood is in the imagina­tion of the audience). Thanks to the hundreds and hundreds of Old World II movies, most such scenes might quickly be dismissed as cliches (and isn't that a charming thought?). The honesty and ex­perience of the veteran casts can make all the difference. Without that, anything would be trite and overblown.

Becoming self-consciously art­sy or preachy is a
Hayashibara
from page 3
dent is my ability to communicate with others. Over the past two years I have spent here I have become acquainted with many peo­ple from different houses so I believe I would be a good repres­entative of the student body. In addi­tion, I am very easy to talk to, I have no biases against other houses, I am open-minded, and I respect the opinions of others.

Finally, the main reason anyone should vote for me is that I care about the people in this school and I sincerely want to improve the dif­ficult life that we live going to a college with one of the toughest, if not the toughest, academic curriculum.

Goddard
from page 1
Much of the talk was given along with a videotape which was made from the graphics system and showed the kind of problems it was being used for. The examples in­cluded trying to design an anti­nuclear drug that would attach to a DNA molecule in areas that were rich in a certain amino acid pair, studying large molecules with holes along with a videotape which was made from the graphics system and showing the kind of problems it was being used for. The examples in­cluded trying to design an anti­nuclear drug that would attach to a DNA molecule in areas that were rich in a certain amino acid pair, studying large molecules with holes.

Museum
from page 5
easier to interpret that Larionov's, and in my opinion, she succeeded better.

If I have to name one painting in the show as "The Best," I would without doubt be Goncharova's "Yellow and Green Forest," 1913. It is a very striking and expressive painting, with beautiful colors. The motif is most likely a sunset over a forest with a little lake in the foreground, perhaps with a boat in it. All elements in the painting are dis­solved and broken up into sharp, narrow slices. The elements are connected with rays, in a very typical rayonist manner. The entire forest is vibrating with energy, as if in turmoil. It is painted with very rapid brushstrokes, which amplify the energetic impression—it took a lot of energy, both physical and mental, to paint this masterpiece. The setting sun is very good with its bright orange rays. It is said that through which smaller molecules pass, and fills the most sta­ble bonding conformation be­tween atoms on the surface of a silicon crystal is a problem Goddard gave in Ch 1 last year, apparently his answer was wrong.

In addition to the video, God­dard had a few slides, mostly with dense print and combing every imaginable color on one slide. Harry Gray helped him with an on-stage demonstration of bond geometries on the silicon surface. They stood a few feet apart, with their limbs outstretched: "Harry and I are subsurface atoms, and our arms and legs are electrons..." It was an unorthodox method, to say the least.

He talked fast, at one moment risking alienation of the general au­dience with possibly unfamiliar terms ("inhibitor," "cofactor," "methylene") and the next mo­ment using words like "thingmak­ing." Some of the material surely went over the heads of the au­dience, but that's the nature of a Goddard lecture. You may not understand everything he says; at times, you may not understand anything he says. But everyone has fun, and Wednesday night was no exception. I'm just glad there's no quiz due today.

Tracers
from page 5
as it most in any honest depiction of war. The play realistically shows people forced to live with each other under extremely harsh con­ditions, so we see the resultant camaraderie. But these familiar notions are not the main thrust of the play. Mostly, it gives a glimpse of what it was like for hundreds of thousands who are just now be­ing recognized. As such, Tracers is a valuable source of first-hand information, which would seem to be at a premium in the age of MTV.

Tracers must be seen on its own terms. Trying to force it into a category, as with most things of value, will only distort it. But seen on its own terms, Tracers succeeds quite well in advancing an impor­tant cause.

DIVERSITY IS STRENGTH
Diversity. It allows ELDEC to offer a varied, challenging and sta­ble career in high technology electronics. Quality, custom-designed products and innovative problem solving have earned us a strong position in aerospace and marine markets for both commercial and military customers.

An established corporation with over $78 million in annual sales, ELDEC systems cover a wide range of customer needs. Our solid state proximity switches and computer-based logic and control systems inform flight crews of critical aircraft functions. ELDEC pro­duces small, lightweight, ruggedly packaged aircraft battery charger systems and high and low voltage power supplies. We're also involved in the design and manufacture of electronic monitor and control systems for aircraft, ships and space vehicles.

Our future is one of steady growth and technological achieve­ment. Diversity is ELDEC.

COMMITTED TO PERFORMANCE
We will be on campus for interviews on February 10. Contact your placement office for details.
SPORTS

Caltech B-ball

Puckers

Split Pair

-Zanelli Healed

Following a double overtime loss to Claremont at home and a win over Whittier, the Caltech basketball team are now 3-2 in league play.

On Saturday, Claremont used five outside shooting as Rich won round one of the battle of the Zanelli. Although Claremont were accurate from the field, they were forced into two overtimes thanks in large part to the fine play of Jim Helgren, who had twenty-two points. In the end, free throw shooting killed Caltech as they failed to convert in crucial situations.

Wednesday, Caltech celebrated the comeback of Ed Zanelli, who had missed 3 1/2 games due to an ankle injury. Zanelli played 38 minutes and scored 10 points. Captain Brian Porter led all scorers with 17, and center Brett Bush tossed in 16 in a strong performance.

Part of the game was filmed for a possible spot at halftime of the Syracuse-St. Johns game, which will be nationally televised on February 1st.

Also, five players were interviewed after the game by a Dallas Herald reporter who is traveling across the country. Porter, Helgren, Zanelli, Bush, and Jeff Lester (who had an outstanding 8 for 8 performance against Pomona (10 days ago) spoke about Caltech basketball and athletics in general. The interview will be printed in Dallas and might be used in a book.

The next home game is Wednesday at 7:30 vs. Marymount. Last time against Marymount, Porter had 29 points, Bush had 32, and the team almost broke 100 in a lopsided victory. See you there.

WEEKLY SPORTS CALENDAR

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Time</th>
<th>Sport</th>
<th>Opponent</th>
<th>Location</th>
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<tbody>
<tr>
<td>Mon</td>
<td>1-24</td>
<td>TBA</td>
<td>Swimming (MW)</td>
<td>Las Vegas Invitational</td>
<td>Las Vegas</td>
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<tr>
<td>Sat</td>
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<td>TBA</td>
<td>Swimming (MW)</td>
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<td>Las Vegas</td>
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<tr>
<td>Sat</td>
<td>1-25</td>
<td>6:00 pm</td>
<td>Basketball</td>
<td>La Verne JV</td>
<td>La Verne</td>
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<tr>
<td>Sat</td>
<td>1-25</td>
<td></td>
<td>Women's Soccer</td>
<td>Beavers</td>
<td>La Salle High</td>
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<tr>
<td>Wed</td>
<td>1-28</td>
<td>7:30 pm</td>
<td>Wrestling</td>
<td>Pomona-Pitzer</td>
<td>Pomona-Pitzer</td>
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<tr>
<td>Wed</td>
<td>1-28</td>
<td>9:30 pm</td>
<td>Ice Hockey Club</td>
<td>Cal State Northridge</td>
<td>Pomona-Pitzer</td>
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<tr>
<td>Wed</td>
<td>1-28</td>
<td>9:30 pm</td>
<td>Basketball</td>
<td>Marymount College</td>
<td>Caltech</td>
</tr>
<tr>
<td>Thu</td>
<td>1-30</td>
<td>4:00 pm</td>
<td>Swimming (MW)</td>
<td>Colorado College &amp; Redlands</td>
<td>Caltech</td>
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<tr>
<td>Sat</td>
<td>2-1</td>
<td>10:00 am</td>
<td>Swimming (MW)</td>
<td>Claremont-Jarvey Math</td>
<td>Claremont</td>
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<tr>
<td>Sat</td>
<td>2-1</td>
<td>1:00 pm</td>
<td>Baseball</td>
<td>Alumni</td>
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<tr>
<td>Sat</td>
<td>2-1</td>
<td>1:00 pm</td>
<td>Football</td>
<td>Cal State Fullerton &amp; UCSD</td>
<td>Caltech</td>
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<tr>
<td>Sat</td>
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<td>1:00 pm</td>
<td>Women's Tennis</td>
<td>JP</td>
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<tr>
<td>Sat</td>
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<td>1:00 pm</td>
<td>Women's Tennis</td>
<td>Claremont-Mudd-Scripps</td>
<td>Claremont</td>
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<tr>
<td>Sat</td>
<td>2-1</td>
<td>7:30 pm</td>
<td>Basketball</td>
<td>Redlands IV</td>
<td>Caltech</td>
</tr>
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</table>

MONK'S PIZZA

TAKE-OUT & FREE DELIVERY

26 N. Los Robles, Pasadena
(Listed as Caltech Blvd.)

MENU

<table>
<thead>
<tr>
<th>Slices</th>
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<th>16&quot;</th>
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<td>Cheese</td>
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<td>1 Blem</td>
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<tr>
<td>5 Blem</td>
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<td>13.68</td>
</tr>
<tr>
<td>Monk's Special</td>
<td>8.59</td>
<td>12.38</td>
</tr>
</tbody>
</table>

Slices served in store only $1.00

Pepperoni, Sausage, Mushrooms, Onions, Green Peppers, Ham, Pineapple, Beet, Olives, Jalapenos, Anchovies, Extra Cheese, Thick Crust

All Pizzas Made to Order with Only the Freshest Ingredients

100% Pure Dairy, Mozzarella Cheese, and Our Own Private Sauce Recipe.

All Prices Include Sales Tax. No Surprises.

CALL 304-9234

MONK'S PIZZA

HOURS

Sun-Thurs. 11:00 AM-10:00 PM
Fri-Sat. 11:00 AM-2:00 AM

photo by Kent Nichols
Surf's Up for '86!

SURF applications are now available for 1986. Interested students may pick them up in the SURF Office, Room 3 Dabney. Completed applications must be submitted to the Financial Aid Office by March 5. A notebook containing possible SURF projects is available for students to peruse in the SURF Office. If you have any questions, please see or call Carolyn Merkel in the SURF Office, Room 3 Dabney, Ext. 3675.

Cal Grant Applicants

All freshmen students who have completed a Cal Grant Request Form (or who will) must complete the "Additional Request Form." Failure to do so will result in automatic denial of the Cal Grant. Please stop by the Financial Aid Office as soon as possible to pick up this form. Cal Grant deadline: February 11, 1986.

Soroptomist Fellowship

Soroptimist International of Los Angeles announces the Gertrude Schueck Award in the amount of $3,000 for graduate study for women in 1986-87. The field of study is open and competition is open to women who are U.S. citizens and residents of the State of California. Candidates must be enrolled in a graduate degree program in the 1986-87 academic year. For further information, contact the Financial Aid Office, Room 10, Parsons-Gates. Application deadline: Saturday, February 15, 1986.

Whale-watching

Come whale-watching with the Caltech Y on Saturday, Feb. 8! We'll be looking for gray whales and may also see porpoises, dolphins, gulls, terns, and more! The cost is $6, and some transportation is available. Sign up at The Y.

CCF Retreat

"Soroptimist's Love" will be the theme of this year's Caltech Christian Fellowship retreat. The retreat will be held at Capra ranch, Jan. 31-Feb. 2. Cost is $25. For information, call Kevin Wilke, 578-9696 or John McGill, 6607.

C.C.F.

Paul Smith will be speaking on Christian unity in honor of Christian Unity Week taught at the CCF meeting, 7:00 p.m. in 210 Thomas. All are invited. There will be refreshments after the meeting.

Charity Bridge Game

Holding a Charity Game at 7:00 p.m. Monday, January 27th in the Red Door Cafe. Everyone welcome—NO charge. Find out how the Soviet Union portrays one of its minorities. Film shown, followed by a deli-dinner for which there is a $3 charge, and an RSVP is required. Help now owns a copy of this film so we guarantee it will be shown. RSVPs for deli order only contact Myra at x1635 or (213) 208-4472.

STRAVE Launched

There's a new spin on campus called STRAVE (Society To Reduce International Violence on Earth). STRAVE's goal is raising awareness on the issue of war and peace in the peculiar context of this scientific community. The first meeting will be in the Y Lounge from 5 p.m. to 6 p.m. on Wednesday, January 14th. Sign up in the Y office if you're interested but can't come to the meeting. For further information, contact The Y (x1635).

Attention "Swingers"

There will be a performance by the two Caltech Jazz Bands. That's right, Caltech now has two jazz bands. On January 25th, Saturday, 8 p.m., in the Garland Theater on the Polytechnic campus, the concert will give the students of Joe Curiale, composer for the Johnny Carson Tonight Show orchestra. Joe will be there to conduct his music. The Caltech Jazz Bands sound professional and will provide you with a cheap (free) evening of good music—from swing to rock and roll. The Garland Theater is close by—only one block south of California on Wilson—just about across from the football field.

A House for Rent

1973 MERCEDES 220 DIESEL, four door, four-speed, automatic glass, 27 MPG, exceptionally well-maintained. Must have a driver's license. On 222 South Chester Ave., Del Mar. 3 bedroom, 1 1/2 bath, $950/month. Call (818) 793-0832. HOUSE FOR RENT.$750/month. Call (818) 793-2582

For Sale

1973 MERCEDES 220 DIESEL, four door, four-speed, automatic glass, 27 MPG, exceptionally well-maintained. Must have a driver's license. On 222 South Chester Ave., Del Mar. 3 bedroom, 1 1/2 bath, $950/month. Call (818) 793-0832.

Guitar Classes

Intermediate, 3:30-4:30 p.m. Advanced, 5:30-6:30 p.m. Room as follows: Undergraduates can receive 2 units for credit if they choose. Classes will be on Tuesdays starting January 14 in Fleming Music Room as follows: Beginning, 4:30-5:30 p.m., Intermediate, 3:30-4:30 p.m. Advanced, 5:30-6:30 p.m. Tuition can also be arranged on any level with instruc-
tor Darryl Denning, who has international background in record-
ing and performance. For further information call Mr. Denning at (213) 465-0881.