

Volume XCI, Number 4

Pasadena, California

October 13, 1989

ontinues Undefeated **Football**

by Ali Mortazavi

Hey mates, we won another football game! Last Saturday, our world-caliber Beavers annihilated the Australian National Football Team (no, no this is a serious article) by a stunning 37 - 8 in front of an astonished crowd (namely me and a few brave souls) in Beaver Stadium.

The first quarter witnessed a confident Beaver team imposing the weight of their superiority on the Aussies' naive hopes. On the Beavers' first possession, running back Riley scored his first touchdown of the day following an impressive 5-play, 68-yard drive. The Aussies (whose team name is some weird Australian name I cannot pronounce or spell-some kind of bird, I gather) knew they were in trouble. Indeed, the "diggers" dug their own grave when they fumbled at their own 26-yard-line before the end of the 1st period.

Riley had his second TD 13 seconds into the second period. Litle did anyoen know that the Aussies' situation (which was pretty good, considering how bad they were) was about to become utterly humiliating and ugly. Unable to do anything following a few decent runs, the Unpronounceables punted the ball to the Beaver 5 yard line. Following a couple of runs, the omnipresent Riley had run 81 yards(!) for his third TD. If anyone is keeping track of the score, it's already 20-0. The Beavers scored another TD a minute before half-time.

Boring halftime (what a surprise...) I was not excited or impressed by the Australian National Anthem, and I consequently decided to go see how our female volleyball team was doing. Amusingly, the scoreboard was taken care of by an unusually bad-tempered Aussie who could have provided much of the ferociousness that her national team so desperately needed. As expected, we lost badly to P.C.C. (Pacific Christian College, not our favorite chummy junior college.)

The second half of the football game was rather dull. A complacent Beaver team scored one last TD and a lone field goal during the third quarter. What else? Number 22 caught a forward pass...Sadly, number 51 (a Quebecois frosh from Page) suffered a leg injury. And believe it or not, the Unspell-

ables managed to score a TD!! How? Ubiquitous Dwight Berg fumbled the ball on the Aussie 28 yard line right after almost throwing an interception (I am somewhat suspicious of Dwight's motivations...) The Aussies jumped at this last chance of saving their nation's battered pride and actually scored a TD with a two-point conversion at the last minute! Nonetheless, 37-8 is not very glorious for these Crocodile Dundees in helmet. Let them go back and play against the kangaroos or have them stick to rugby...

As for our "glorious" and undefeated team, they performed beyond the expectations of everyone. Considering this last performance, one has to wonder: why don't we play only international teams? I'm certain that we would do great against most countries, and besides, that would be a lot more fun than to play against local, semi-pro teams. Furthermore, it would give great travelling "opportunities" to our football team-e.g. they could go see if immature and/or lame Aussies are more compos mentis in their natural habitat.



Matt

λq

photo

Escaping from the valley of death, Jessie Haldeman and Valerie Jacox work together up the toughest hill on the Redlands course during last week's meet

Vater Polo Flails

by Captain X

That's right, the Caltech water polo team came out on the losing end this weekend at the annual Caltech Classic water polo tournament. However, the team has improved considerably since last season, and it demonstrated its ability to get the offense going and score goals. With some other teams looking weak this year, a victory might be within reach for the Beavers.

The first game of the tournament, against PCC, proved that techers don't function at early morning hours. In addition, Tim Maddux proved that he can't operate an alarm clock properly when he overslept and missed the game. Caltech lost 15-4, with two goals scored by junior Brian Shim, one goal by junior David Geraghty, and one goal by sophomore Doruk Engin.

The second game, against Chapman College, was a much more exciting contest. The Beavers stayed close behind Chapman the whole game before finally losing by a score of 12-8. In this game, sophomore Andy Crews rifled one in to score the first goal of his water polo career. Brian Shim and sophomore Tamaki Murakami each had two goals, while David Geraghty and seniors Ted Rogers and Mark "Stealth" Hause each had one.

Tamaki Murakami was a scoring machine with four goals, while Brian Shim and Dave Geraghty each had two, and Mark Hause had one.

In the Redlands game, the Beavers again demonstrated their distaste for early morning games by losing with a score of 17-3. Brian Shim, Tamaki Murakami, and sophomore Tim "Mad Dog" Maddux each had one goal. Dave Geraghty attributed his inability to score in this game to the lack of babes to cheer him on.

The final game was against tournament champions, U.C. Riverside. Not surprisingly, Caltech was defeated by a score of 15-4. However, considering the caliber of the U.C. team, the Beavers did satisfactorily. Dave Geraghty was an unstoppable madman in this game, scoring three goals, while Brian Shim had one.

Throughout the tournament, goalie Bill Swanson did an outstanding job of blocking shots and stealing the ball. He had the frustrating job of going one-on-one against many shooters who outswam the Caltech defense. The Caltech MVP for the tournament was Brian Shim, with eight goals, while Tamaki Murakami and Dave Geraghty were close behind with seven each. Also worth noting is that Dave Geraghty won most of the sprints beginning each quarter, in spite of his long hair. Also scoring was Mark Hause with two goals, and Ted Rogers, Andy Crews, Doruk Engin and Tim Maddux each with one. Many thanks to those who came out to watch the games and to cheer the Beavers on. Overall, the team has come a long way since last year. Coach Clint Dodd said that the team, made up mostly of sophomores and juniors, is looking better and making progress. Be sure not to miss the games against Pomona-Pitzer. who hasn't won a game yet this year, and Whittier, who usually has a lame team. The Whittier game is this Saturday at 10:00 am at the from the game for having three pool, so come out and cheer the major fouls. The game ended with water polo team on and see some

D	av	Date	Sport	Opponent	Results
Sa		10-7	Cross Country	Whittier, Pomona-Pitzer, Redlands	vs Whittier, M 23-35, W 35-20
					vs Pomona-Pitzer, M 41-15, W 40-15
					vs Redlands, M 42-15, W 34-21
S	at.	10-7	Football	Australian National Team	37-8
Si	at.	10-7	Water Polo	Cal State San Bernadino	4-18
S	at.	10-7	Water Polo	Pasadena City College	4-15
S	un.	10-8	Water Polo	Chapman	8-12
S	un.	10-8	Water Polo	Chaminade	9-15
W	/ed.	10-11	Water Polo	Occidental	3-14

WEEKLY SPORTS CALENDAR

WEEKLY SPORTS RESULTS

Day	Date	Time	Sport	Opponent	Location
Fri	10-13	3:00 pm	Soccer	Whittier	Caltech
Sat.	10-14	10:00 am	Water Polo	Whittier	Caltech
Sat.	10-14	11:00 am	Soccer	Christ College	Christ College
Sat.	10-14	1:30 pm	Football	L.A. Mustangs	Caltech
Sat.	10-14	2:00 pm	Vollevball (W)	Cal State San Bernardino JV	C.S.S.B.
Sat.	10-14	All Day	Wrestling	San Diego Wrestling Association	San Diego'
Mon.	10-16	3:00 pm	Soccer	Claremont-Mudd	Caltech
Mon.	10-16	7:30 pm	Volleyball (W)	Pasadena City College	
Wed.	10-18	7:00 pm	Soccer	La Verne	La Verne
Wed.	10-18	7:00 pm	Volleyball (W)	Pacific Christian	Pacific Christian
Wed.	10-18	7:30 pm	Water Polo	Redlands	Caltech
Sat.	10-21	9:30 am	Cross Country	Whittier & Occidental	
Sat.	10-21	10:00 am	Soccer	Redlands	Caltech
Sat.	10-21	11:00 am	Water Polo	Chapman	Caltech
Sat.	10-21	1:30 pm	Football	L.A. Athletic Foundation	Caltech
Sat.	10-21	2:00 pm	Volleyball (W)	Occidental	Occidental
Sat.	10-21	All Day	Wrestling	S.D. Wrestling Assn. Tournament	San Diego

Runners Split Weekend Action

by Chris Campo The Caltech Beavers slapped their tails in a cross country duel with three conference opponents at Redlands on saturday, October 3rd. The Redlands team decorated their course for the occasion, laying down twisting, looping chalk course lines and writing several inspirational messages on the ground. The hilly five mile course was made more formidable by the 92 degree desert conditions prevalent the morning of the race. Struggling through the conditions of the day, the men were able to beat Whittier, but lost to both Pomona and Redlands, while the women were simply overwhelmed by the heat and the strength of the other teams.

tively. Next for Tech was John Caltech. Behind Aimee came a Freeman, finishing in 15th place Pumpkin Pack, rolling into places

game against In the Chaminade, the Beavers revved up the offense again, scoring seven goals by halftime, tying the game. This game was especially physical, with hole-set Dave Geraghty constantly being kicked and hit by a Chaminade player who was eventually ejected from the game. In addition, Mark Hause was ejected when he expressed his dissatisfaction wiht a referee's call. In the third quarter, the defense broke down and Chaminade scored five unanswered goals. Towards the end of the game, both Mark and Dave were permanently ejected Caltech losing by a score of 15-9. violence in the water!

The Men

The men's team had little hope of defeating either Redlands or Pomona, but demolished rival Whittier (23-35). Juniors Scott Kister and Chris Campo worked together to finish ahead of Whittier's first runner at spots 11 and 12, with times of 31:01 and 31:09, respec-

with a time of 31:37. Dan "Terminator" Flees was 17th in 31:57. Slipping sliding and tumbling his way into Tech's top 5 was Mark "Out of Control" Lyttle, at 21st in 32:42.

Dan "Lipman" Lipofsky and Kurt Storm rounded out Tech's top seven, finishing 22nd and 24th in 33:18 and 34:18. Also slapping their tails on the Redlands course were Beavers Jonah Michaud, John "Marathon Man" Pham, Mike "Harry Monster" Mahon, Todd Walker, Steve McLaughlin, "Iron" Mike Ida, Matt Fetterman, Rick Oliver, Dave Kim, Truxton Fulton, William Watson and Jason "VW Man"

The Women

The Rolling Pumpkins ran their hearts out on the arid torture ground which is Redlands' course. but were unable to defeat Redlands, Pomona, and Whittier. Aimee Smith gutted out a 24:47 to finish in 14th place, first for

16 through 19. Liz Warner finished in 25:07, with Amy Hansen and Golda Bernstein following in 25:41 and 21:53.

Tristy Kibbey, in an impressive season debut, was the fourth member of the pack at 26:26. Valerie Jacox and Jessie Haldeman occupied spots 22 and 23 with times of 28:08 and 28:13. Also finishing for the Pumpkins were Ami Choksi, Mary Rowe, Erika Moilanen, Jennifer Remine, Yuka Yonebayashi, Karen Ross, and Yvonne Lung.

Next Week

The Beavers get a break this week, as there is no scheduled meet for Saturday. The highlight of the weekend will come instead when Coach Jim "Mr. GT-III" O'Brien races to win in the Angeles Crest 100 miler. Caltech's men prepare for their most intense confrontation this season as they get ready to take on Occidental, with a real shot at winning, next week.

ETTERS

Why, Chris, Why?

Editors:

Why is Chris so pissed and why do his articles cut down something or someone? His last article about Dr. Apostol was distasteful. If he really dislikes the guy that much, why not talk to him personally rather than attack him in an article. A campus newspaper is not a good place to vent such sentiments. Hope you have a better day than yesterday, Chris.

-Eric Aslakson Physics grad student

Regarding the last two of Chris' columns, I did have some hesitation about including them. However, when the editors receive only one direct negative comment, but have numerous people asking, "What's he writing about next? what are we supposed to think? We are receptive to reader input, as evidenced by the changes to the Crime Beat since we have been editors, (eliminating non-essential race information, including times of confrontational crimes (assaults, indecent exposure, panhandlers, etc.) and descriptions of suspects for these crimes to hopefully reduce the number of future incidents).

Eric was the only person to send a letter regarding Chris' column (not exactly a outpouring of outrage), and we would welcome any constructive letters on this or other subjects that you think could improve the Tech.-Mark Lyttle

ASCIT Disavowal

In view of the questionable nature and content of the "Chris is Pissed" column which appeared in last week's issue of The California Tech, the ASCIT Board of Directors has decided that some statement of its position on the matter is necessary.

The suggestion that the publication of such strong sentiments may not be in the best interest of the Caltech community almost always encounters an opposing viewpoint; there is a fine line between responsible journalism and censorship. We, the Board of Directors, do not feel that it is correct for us to determine editorial policy, despite the fact that ASCIT is directly responsible for the publication of the Tech. We do believe however, that there needs to be a clear distinction between the perand the editorial opinion of The California Tech. The presentation of the article referred to above did not make it clear to those unfamiliar with the Tech format that the views expressed therein were solely those of the writer, Chris Campo. We reject the contention by the editors that the positioning of the column in the "Inside World" section is sufficient to ensure that it is regarded in a light-hearted manner. Consequently, the Board has requested that this column, and articles of similar nature, be printed with some sort of editorial disclaimer, thereby ensuring that responsibility for their content is

sonal opinion of a student writer

shouldered solely by the writer. Finally, the Board would like to encourage students and others who were disturbed by the nature of the Campo column to express their concerns to the editors. Editorial policy is to some extent a reflection of the tastes of the readership, and silence is not an effective way to bring about change. Sincerely

-ASCIT Board of Directors

Is It a Valid CLUE?

To the Editors:

I was extremely dismayed by a statement printed in the ASCIT minutes of October 3, 1989: "The faculty will pay for the printing of the 900 copies of the CLUE if they are pleased with it." I can't believe that that was written with a straight face. After all, what is the purpose of the CLUE? My understanding is that the CLUE is a publication designed to give students information about classes that they might choose to take in the future. It also provides a chance to see what classes are well taught, and what classes are garbage. Since it is not in the faculty's interest to admit that any classes are "garbage," I believe that faculty approval constitutes a conflict of interest.

In the past, the document used for this purpose was the TQFR, which was a compilation of questionnaires submitted by every member of the class (who card enough to return them). Several categories were ranked from one to seven, and then students had the option of adding relevant comments. The TQFR was abolished because of faculty pressure. Many professors felt that the TQFR was being used for personal attacks by disgruntled students (who, the argument went, were the only ones

who made comments), and that the document was embarrassing to the faculty.

I can certainly understand the feelings of the faculty. I am the daughter of a teacher, and I thought that I understood just how difficult it was to teach. However, I spent the summer teaching an SAT Math class, and now I know first-hand just how hard it can be to be interesting, organized, and never make a mistake. I also realize just how much nasty and sometimes unfair comments like the ones sometimes found in the TQFR can hurt.

As a student, however, I have seen the other side as well. Frankly, some of the nasty comments from the TQFR seriously understated the facts. Caltech faculty sometimes forget that even though Caltech is a wonderful place, it is far from perfect. The faculty have a great deal of control over our lives, and there is really no way to stop an abuse of power. You can complain to the Deans, but even they have relatively little control over individual professors. If a professor decides to have three five-hour problem sets a week, he can pretty much do it, even if it is a nine-unit class, simply by claiming that they are two-hour problem sets. If a professor decides to have homework due during finals week, a complaint will simply prompt him to move up the deadline. A single professor can send several students on leave with a single act of thoughtlessness. When this happens (and it has), something needs to be done to prevent further occurrences. The only real power we have as students is to advise others not to take the class.

There are many excellent professors at Caltech. There are also some really terrible professors here. The TQFR, the CLUE, and word of mouth are the only tools available to help choose interesting, useful classes. If the CLUE is subject to faculty review, it has no credibility. I understand that the faculty may not want unfavorable comments about themselves or their classes published with their money, but if we are going to have a document that purports to give impartial reviews of classes, then it must not be influenced by the people that it reviews. Even if they aren't planning to ask for changes,

the whole idea sets a dangerous precedent. I believe that either the faculty should pay for the CLUE outright, no strings attached, or it should be funded in some other manner. Otherwise, we should tell the faculty not to waste their money. I would rather have no CLUE than a state-approved one. Sincerely,

–Elaine Lindelef Dabney House [This letter was written before the 1988-89 CLUE was published.]

Come Talk To Us

To the Editors:

arising from the letter by Michael J. Lazzaro (Sept. 29 issue of The to come and discuss those concerns with either of us. It is important to both the Deans' and Masters' offices to continue the Caltech tradition of direct personal response to student concerns, whether or not those concerns have a factual basis. Personal communication of this kind has proven much more valuable and constructive than confrontation in the columns of The California Tech.

-Christopher E. Brennen Dean of Students -Louis J. Wilde Master of Student Houses

Copy Card Blues

Notice of Copier Card Change

The ASCIT copier card reader has been reprogrammed such that it will only accept cards sold under the new ASCIT/Millikan copier cooperation agreement. Students still in possession of cards sold under the old system should turn them in to the SAC coordinator's office by Friday, October 20. A reader will then be obtained so that accurate refunds can be made. Cards should be placed in a sealed envelope accompanied by the name and social security number of the owner and by an estimate of the credit remaining should it prove to be unreadable.

This change was made during the summer and coincided with the installation of multiple card opercontinued on page 8

HELP WANTED

On-Campus Circulation

The Tech needs one or more persons to do on-campus circulation Friday mornings. Duties include picking up the Tech at the printer in Glendale, delivering it to the undergraduate houses, and bundling the faculty & staff copies for distribution via campus mail. This is a paid position and takes approximately 3 hours each week. A car (or driver) is required. Call x6154 if interested.

Trouble Brews At Coffeehouse

by Mike Oder

The Coffeehouse, the social mecca of Caltech, attracts Techers wishing to eat the best french fries west of the Mississippi or read the latest episode in the Batman or Xmen series. Last week Curt Hagenlocher, Head Manager of the Coffeehouse, resigned his post, temporarily closing the Coffeehouse, pending the ČHUG meeting last Tuesday.

In a letter to the Caltech Community posted on the door of the Coffeehouse, Curt cited difficulties in filling waiting and managerial shifts and creating a schedule for We would like to remind all the Coffeehouse, while working students who may have concerns another job and attending classes, as taking up to much of his time. After unsuccessfully looking for a Tech) that they are most welcome replacement to take the post, Curt resigned and left the task up to the CHUG (CoffeeHouse Users Group). Chris Hurwitz, Curt's replacement said, "It was a wise choice on his part, because he was really strung out . . . he really did a lot to keep it open."

At the meeting on Tuesday, Chris was selected as the new head manager. Chris, who has enough units to graduate, has more time to put into the job and doesn't expect to become overworked, as have many for Head Managers of the Coffeehouse.

After Curt's resignation, a few people volunteered for waiting positions, but there is still a shortage of waiters, especially on weekends, necessitating the closure of the Coffeehouse for lunch on Saturdays and Sundays. Says Chris, "we have just enough people to get by.'



OFFICE MANAGER Gavin Claypool



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Turn in copy (preferably in WordStar format on an IBM-compatible floppy disk) to the *Tech* mail-box outside SAC room 40. The deadline for copy is Wednesday at noon; for announcements, Tuesday at 5 р.м.

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October 13, 1989 3

The California Tech

Mudeo, This Could Be You ASCIT Mini Minutes





Down 'n Dirty in the Mud

by Steve McLaughlin

Its BACK!!! After a 20 year vacation the freshman-sophomore event returns! Sunday at 1:00 PM at the south end of the tennis courts. Prepare yourself for 5400 cubic feet of mud, chicken fights, mud tug-of-war, mud volleyball, tire find, and mud bat races. The key word is mud.

Professor Harry Gray, Dean Chris Brennen, and ASCIT President Rich Reid will be your celebrity chefs and will be serving free food and drinks all afternoon. Upperclassmen are invited to come watch and have a free dinner. FULL PULL!!!



Present: Rich Reid, Pam Katz Rosten, Gary Eastvedt, Jerry Hauck, Sonny Arcilla, Mark Lyttle, Scott Kister, Jason Curtis, Jon Hamkins, Marty O'Brien, Schamberger, Harkness, Fred Sloneker, Andre the Giant, Curt Hagenlocher, Alecia Chen, Barbara Green, Dwight Berg, Bappa, Hall Daily, Dave Geraghty, Ann Marie Eldering

10:30 Tuesday October 10

Associate Dean: Barbara Green is just here to see what ASCIT does.

Copier: Read Rich's letter for more information.

Hall Daily: Work on the Centennial float for the Rose Parade needs to be started now. Begin thinking of designs, and ways to incorporate student input into the design and production of the float evenb though it's sixteen months away. *The California Tech* needs to have its books looked at and to computerize them. Hall is trying to get it done for free. Possibly, the *Tech* is \$10,000 in the hole for this year because of paying insurance, editor's and business manager's salaries.

Folk Concert: Ann Marie Eldering, a grad student, asks for \$100 to subsidize a singing/talking/slide concert by Cathy Fink and Marcy Marxer at noon on November 10th in front of Winnett. The concert can't go past one, because some guy in Firestone complains. Todd thinks that not many undergrads like folk music: "I'm giving \$100 to the Judds?" Dwight: "Give me the five worst uses for \$100." Jerry: "The RF club, twice." Mike gives her the \$100 out of his social budget. CLUE: Bappa has the CLUE out in the Dean's Office. Rich: "Did you ever run this through a spell checker?" Jon: "CLUE should have %grad, %undergrad and have grades especially for courses with no critique." Marty: "Bappa did a fine job." Dave Ross: "Why does spelling matter?" Todd: "I can't believe we gave \$100 to the Judds." The BOD votes to pay Bappa (8-0-0)

Big T: Josten's and Taylor gave contracts. Alecia and Curt are deciding who do go with. Corey, from Taylor, said it was unlikely that Josten's would sue. The editors want to go with Taylor this year. Right now they are \$7,000 in the hole with Josten's from last year. Curt would like the Big T yearbook assessment to be raised but will bring numbers next week in support of it. If they sign with Josten's, they get a free trip to Florida. Jerry would like to see them sign with Josten's just to get everything straightened out.

Lyttle T: Paul said it would be out late this week, it hasn't come yet. The printers are tweaked.

Mudeo: Frosh-Sophomore event this Sunday at 1:00. Look at the posters. Go to it. Dave: "You don't have to fund it, but if you don't fund it, it's going to fucking suck." The BOD gives Dave \$200 (8-0-0)

The California Tech: Talk about Apostol and what is appropriate. General consensus is a clarification should be included to distinguish individual opinions from that of ASCIT's official positions. "What about profs ragging on Fleming?" Rich: "Fleming deserves it. But how would you take it as a stodgy old prof?"



GRADUATING STUDENTS GRADUATING STUDENTS GRADUATING STUDENTS GRADUATING STUDENTS GRADUATING STUDENTS GRADUATING STUDENTS



ON-CAMPUS INTERVIEWING BEGINS

MONDAY, OCTOBER 30

OVER 200 COMPANIES WILL RECRUIT NEW B.S. & M.S. GRADUATES

CAREER DEVELOPMENT CENTER 08 PARSONS-GATES, X6361



The California Tech

Inside World

This Week's Inside World was written by: Blacker: Lieven Leroy, Noam Bernstein, Walker Aumann, Bonnie Wallace, and Deepi Brar Dabney: David A. Edwards Fleming: Cathy Hafer Lloyd: Steve Carson and Carl Roth Page: Dean Wilber Ruddock: Nikhil Joshi

Ricketts: Joe Dadek, Dave Lomax, and David Taub 150 S. Chester: Scott Kister

Blacker	1	2	1	4	8
Dabney	2	3	2	6	13
Fleming	0	0	3	2	5
Lloyd	3	0	0	7	10
Page	0	1	0	1	2
Ruddock	0	4	0	8	12
Ricketts	0	0	0	5	5
150 Chester	0	5	4	3	12



Actuarial Science-It's the Number One Profession

Presentation & Refreshments Thursday, October 19, 1989 7:00 pm - 9:00 pm Winnette Lounge

The 1988 Jobs Rated Almanac listed Actuaries as the number one professional opportunity in the United States. Transamerica Life Companies, one of the premier financial services organizations in North America, offers outstanding opportunities for talented people to train in this dynamic field. We understand that the future of our company is, quite literally, in the hands and minds of our Actuaries as they develop, price, market and report the financial results of a variety of products in a profit-motivated environment.

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Transamerica Life Companies also has an actuarial summer program (completion of 1 actuarial exam is strongly preferred) designed to provide students, usually college sophomores or juniors, with an overview of the insurance industry. Students gain handson work experience.

Ruddock

Hi. We're back.

All right, first things first. It seems that the only thing that pissed Chris off two weeks ago about Ruddock was walking through Alley Three and almost being showered by some Neanderthal (sounds like a Duppy story to me, but then, you be the judge...). After a little research, here's what we've come up with.

1. Mateo Vazquez is the one and only Ruddock Neanderthal.

I mean, shit, just look at him. And if he wanted to

shower somebody, he could, and would.

2. Chris, you were down in Alley Three. No fucking wonder.

I mean, hell, the computer room is down there, no other

Alley would take it.

To some degree, I must agree with Chris, though. I mean, if Ruddock really has become soooooo torpid that the thing people find most annoying about us is that we CAN'T shower people, then, shit, we should just elect Dave Risher president, he'll annoy the entire IHC. So don't piss us off!

Last year's kinder and gentler Ruddock has carried over. The house where The Men Who Can Handle It and Women Who Can Take It has become the house where The Men Have Become Whipping Boys and The Women Have Grabbed Another Bathroom. Actually, I don't mind giving up another bathroom, I mean, you gotta pay a price when you pick as many frosh women as there are Juniors on campus (thirteen...). Besides, it's down in Alley Two.

Our hope lies in the Frosh. Shit, they're cooler than we are. They actually found the Pledgemaster this year (Mateo). And rather than nuking him, they went after all the other Sophs. Well, Mateo was pretty lame, since he fell asleep in 1.5 when all the other sophs (except for Bryan Kim) were in class (the one time all the sophs actually went to class...).

The Longest Dick-Chain In The House Award goes to Joseph M. Fierro, at Standord, in Grad School during the weekdays, and at Ruddock, in Lisa, on the weekends... The Shortest Dick-Chain In The House Award goes to our illustrious Veep Larry Cheng who can be found two paces behind and one to the left of Celia every waking and non-waking moment of the day. The Most Wishes He Was On A Dick-Chain Award goes to Mateo. That poor bastard, he actually fell asleep in The Room With Four Pussies, and still left completely untethered. Meow. And The Dick-Chain Most Wantonly Flaunted Often Denied Award goes to, well, you know who (and it ain't me, okay?!)

Speaking of Pussies, we have a shitload of live cats back in the house, now that Betsy is gone. But wait, what's the cat-count back at Urbana? How many notches in the Black Litter-Box of Death does she have now? We got nine in Ruddock. That means we can have 80 satanic rituals and still have one left.

All right, let's cut this short. Social Event? Well, we got no money, and lots of girls. Sounds like Blacker of the past. Duppy claims we do have money, but we just haven't gotten any of it yet. Sounds like we don't have any money. OK, so the social event is Pay-Your-Own-Way Bowling Night on Friday, GRE on Saturday, and GAAC and Mudeo on Sunday. Next year, instead of Mudeo, lets have Mateo. You know, dig a big hole, put Mateo in it, and tug-o- war over it!

Party with Lloyd, whether they want it or not, on the 21st. The theme is Larry and Celia's One Year Anniversary. Bring whatever you think they might need that evening. Party with Fleming on the 28th in Dabney Gardens. By the way, does anybody not in Ruddock read this? Let me know, huh?

-Cynical



We offer excellent advancement opportunities and a benefits package hard to beat. We invite you to explore the challenging and rewarding future you can have with Transamerica Life Companies, by attending the presentation on Thursday, or sending your resume to: Transamerica Life **Companies, Robert J. Conner, Director** of Recruitment, Employment Dept. G0442, 1150 S. Olive St., Suite T-519, Los Angeles, CA 90015; (213) 742-3431. We aggressively support equal opportunity and affirmative action. Women and minorities are encouraged to apply.

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The Inside World

Ricketts

Important Notice: This Inside World will not be self-refernital! Finally, the first Ricketts Hovse Inside World (RHIS) of the year. (what year is it?) Under the current authorship, the RHIS will have these features (unless we don't feel like it): Frosh of the Week, Couple of the Week, and the number of Baby Ruth's Joe eats while writing the RHIS. (Also, we promise never to mention any of the RHIS writers in the RHIS.) Also, we promise to include as much random abuse and as many gratuitous lies as we can (and boy can we) come up with.

Contrary to popular belief, Tom Tromey is not the anti-Christ, but in fact the second coming of Christ or Louis Wilde, take your pick. (Not to be confused with the Physics Messiah, who is entirely different.) Also, the orthogonal triple of Tom, Leopold, and Joe has been found to be composed of a Savior, an Attorney, and a Philosopher. (And for the last time, we're going to the Frame House to get Gonzo's shoes!)

(Karin, those were Fallopian tubes.) Frosh of the Week: Leah. Cryptologists are still trying to decode her body language. Nathan Rockwell was seen panting heavily with termite gut protozoans, rumors fly. To Dave's evil twin Skippy: Join me and together we can rule the galaxy as father and son. The Toast Fairy Stikes Again: Three pieces mysteriously appear on the door of unnamed frosh in L.D. (Beginning with an J)

2. Mmmmmmm

Couple of the week: Dick Bob and unmaned frosh in Herc (beginning with a D). Bernie has the cure for this though: It slices, it dices, it even circumsizes! It's the Black and Decker Pecker Wrecker! Dick Bob: a nickname or what he needs to have done?

Redhead Corner: It has been decided that Rachel Schwartz was merely a mass hallucination of Ricketts. (I spiked the Kool- Aid) Other certain tall redheads have stolen a room from Bernie at the Frame House. Assassination plans are in the making. Leah's playing (with) Hearts already . . . is it too late. Give it up, Greg

Rumor has it strange bleating noises have been heard coming from the Guest Suite late at night...Alex or sheep? Plu doing what to Tiffany?? Jerry, have you done your 174 yet? And just to clear this up, 315 and 317 are Sodom and Gomorrah. Sodom is the one in the rear.

2 more.

Advanced new biological techniques have discovered life in L.D. Can it be sustained? Perhaps if they felt closer together (doors?). Can this class achieve the high state of Brakedrum apathy (in fact general apathy) demonstrated by the Class of '90? (Who cares?)

On another note: Glenn, buy yourself some cough drops. Certain Lemming presidents have been seen with certain nubile Jung (not Jung, Jung) females in Ricketts lounge. What can this mean? COME TO THE FRAME HOUSE PARTY SATURDAY NIGHT!!! BE THERE OR WE WILL KILL YOU. WE KNOW WHERE YOU LIVE.

Has anyone seen Sean's brain? Danny is rumored to have stolen it for evil yogi practices. Sounds of exterminate, Exterminate, EXTERMINATE! have been emanating from the Ricketts Hovse computer room as millions of Dadeks from Hell (actually Snatch) are slaughtered. (But only the truly study fight the diabolical red Dadeks.) Joanna's quest for fun continues. Men line up outside her

Rude/Slander Corner: (where we reach new heights in audacity) Strange men carrying whips and chains have been seen coming in and out of Kitt's room in Crud. Öddly though, Kitt does not appear to be present at these times. Scars seen on Frank's body. Bizarre meows of ecstacy heard from Su-Lin's room. Gato looks dejected. This pissed Chris dude, he not cool. He's lame. Psychologists try desperately to explain his fetish for this (precious?) bodily fluid. Rude Question of the Week: This is to Joanna, Fuzzy, Amanda, Rachel, possibly Q, and other veggies - Are you still a true vegetarian if you swallow? ("Swallow what?" the Frosh ask.) Preverted Englishman (i.e. King Limey) found in Snatch reading smut out loud to the bewildered frosh. Andreja had to tie him up in Herc to calm him down. Is it true that Ricketts is becoming Lloyd? If so, you can blame Dick and Bob, weenies extra-ordinare. Kurth has been caught seriously trolling. What can this mean? We would brutally slander Louie, but we're short on space. Leopold and Beth? Rumors fly.

(As any fool can plainly see, this last part is our favorite.) "I knew 'twas I. For many do call me fool." – Bill.

So it goes.

-The Physics Messiah and his Disciples, Dave



The Inside World

Dabney

Houselists! Houselists! Get your fresh hot houselists! Monday is past, so you will have to actually talk to me before you get one. Hurry, because supplies are limited. If you have any additions to the houselist or any other messages for me, you may leave them with my receptionists Todd and Trevor. They just love answering all of my phone calls. However, soon Trevor will be my only helper because Todd is going into the recording business. Watch out, Zamfir and your Pan Flute! Now here comes Todd and his Amigasizer! Todd's first album, "An Evening with Allendork", will be appearing on the shelves in time for Christmas. Hear Todd singing familiar standards like "New York, New York" and "Feelings", as well as yesterday's pop hits, such as "Bad" and "You Be Illin".

I'm glad that most people thought my Inside World for last week was up to par, though I made the IHC irate (perhaps they thought I made too many Low blows). Well, I guess this week I'll irritate ASCIT. The CLUE is out, and it's worth slightly more than the paper on which it is printed (which is slightly less than the amount of time Bappa spent on it. Hasn't he heard of a Laserwriter?). is Pissed". I understand that Chris' article made some professors nervous about whether they might be next on Chris' hit list. Maybe if they could teach worth a damn, they wouldn't have to worry about it. (I certainly hope that I haven't offended ASCIT enough so that Rich will have to write a letter to himself clarifying his position.)

Finally the Library crowd has consolidated its power base and driven the evil ghosters from their domain. Rahul, ruling Library Monarch, gave a wonderful lecture in gestalt number theory a week ago Wednesday. As always, there were a few freshmen who just couldn't understand, even when the upperclassmen were beating on the floor in frustration. Ivar, current Fool, has verified that Gaby, trainee Fool, has learned to juggle at least two balls, so to speak. Watch it, Ivar. She has a foil and knows how to use it.

We had an ExComm meeting a week ago, too. Of course, I don't know why we have ExComm meetings-every single policy change we approve everybody wants to change again the next time we have a meeting. Fortunately, since I was on Jon's side this time at the Social Membership Dinner Fiasco, he held firm, rather than collapsing under pressure as he does most of time (or so I'm told). Dabney House, a house always deeply concerned with social issues, has once

again started up a fund-raising drive for charity. This time it's the Swagato Banerjee Tape Player Fund. Swagato has all sorts of cassette tapes with weird Indian music on them, but he has no cassette player. To save people in the computer rooms and the library from the horrible fate of having to listen to this kind of music, please contribute today!

Carlos has picked up another sideline-roof tours. For just \$4.95 per person, he'll take you on an hour tour of the South Houses roof. Bring your flashlight (even if you have to leave it on a window sill someplace) for all the fun and excitement. Be sure to swing by room 39 on your way back for an interest-ing show. And don't forget – if it's a choice between falling off the roof and breaking a tile, fall off the roof.

Mark and Steve both learned the perils of falling off the wagon last weekend. Mark learned the hard way that you just don't make high-stakes deals with only \$12.00 in your pocket. Michael Milken got burned that way, Mark. Steve simply learned that going on the wagon doesn't mean simply not searching for "it" when it isn't readily available. And as for our other Permafrosh, the Boy Built Like a Breadstick has actually managed to twist himself into a pretzel with someone. Any man here should certainly take heart.

Answer to Trivia Question of the Week: Why, Rocky, it's Gidney and Cloid. Social Event of the Week: The Vegetarian R.A. Welcome Party, Saturday.

The Inside World

150 S. Chester

Just another view on the topic Chris was way out of line about taken from the pages of the CLUE.

Ma1: ... Calculus by Apostol only worsens this situation. The book has only simple examples, and the problems tend to be very hard and often confusingly worded. The book should either be supplemented with a sample problem book or removed from use. Two books I have found helpful are Calculus and Analytic Geometry by Thomas and Calculus by Gilett. These books both have many good clear examples.

Ma2: In general, Tom Apostol presents the material in a thorough, consistent manner. Lectures begin with a brief summary of the previous lecture, and from there he continues smoothly through the material. Apostol presents all new subjects in a standard format of axioms, definitions, and theorems covering the subject area and extensively proving important results.

In addition, Bappa and his editors edited the critiques extensively eliminating comments they thought were too severe.

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Scott Kister (17-5)	Caltech	USC	Arizona	Notre Dame	Michigan	Arkansas	Houston	Auburn	Washington St.	Syracuse	BYU
Mark Lyttle (15-7)	Caltech	USC	UCLA	Air Force	Michigan	Arkansas	Texas A&M	Auburn	Stanford	Syracuse	Colorado St.
Paul Socolow (15-7)	Caltech	USC	UCLA	Notre Dame	Michigan St.	Arkansas	Texas A&M	Auburn	Washington St.	Penn State	BYU

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The California Tech

Llovd

Q: So which house has a stick up its butt?

RE: BECAUSE CURT HAGENFESTER HAS BEEN LAX IN HIS DUTIES AS HOUSE SECRETARY, LLOYD HAS FALLEN BEHIND IN THE INSIDE WORLD STANDINGS. BUT WE'RE HERE TO CHANGE ALL THAT. THE DORKS FROM DABNEY CHRISTENED US THE LLOYD TOUGH FROSH, BUT NOW WE ARE ...

THE L.T.S. Well, here comes another lame Inside World.

TOP TEN THINGS THE FROSH SHOULD KNOW ABOUT LLOYD HOUSE

10. The hot tub is cleaned on a regular basis.

9. For all of you who know Scotty Townsend, Dave REALLY IS his brother. 8. Jack has had his shots

7. He may be gone, but the eight ball is STILL in effect.

6. Letters addressed to "Chairman Mao" should REALLY be filed in Dave Jeitner's mail slot.

5. Stevel can get you anything EXCEPT a good credit rating and a date that doesn't require batteries.

4. The Hour of the Great Pumpkin is near. Stay tuned.

"Long-haired freaky people need not apply" - The Five Man Electrical Band. 2. When using the Lloyd House Pool Bar (tm), remember that the red, yellow, and green recepticles are for 12-ounce cans or bottles, and the larger, blue recepticles are for 32-ounce "Hefty-Boy" Super Sippers. Also, a bottle opener is provided for your convenience.

1. "We are going to fuck."

Yes, we can be as lame as the other houses, just keep watching.

-Steve Carson So look, Randy. You drag me out of my room, complaining that you can't hear your own stereo over the frosh room across the hall. "What is this devil music?" you ask. Well, it's MY devil music. What are you looking for, sympathy? -Carl Roth

It's not bad. It's not great, but it's not bad.

You sophomores don't EVEN know what it's like to have been on grades for a year.

-name withheld God, I'm totally broke. I've only got five dollars to my name. And only a \$2500 credit limit.

-Jennifer Yu Yeah, I've only got \$80 for the term. No, wait. I need gas. Make that \$70. - Brian Fuller

Just think of it this way, Alan. Now you can walk that much farther with 'our shirt off.

- Gil "Elvis" Elbaz

- L.T.S

-Randall. Son of Steven

Any time you guys want to hear some more Rick James, just let me know. Andre the Giant

I am the Brawley Seismic Zone.

- Alex Densmore Steve, how do I get annoying guys out of my room?

- Audra Meng Turgid? That's not how I would have described it.

- Pete "babyface" Rogan Bringin' beer to Mexico is like bringin' sand to a beach.

- Paul Socolow Survey says ... (accompanying hand gestures) ... Fuck you. - shadow, the Commisioner, Iron Mike, Deejam, and the wrath of Ahn Lick me.

- Aimee Smith But what if she's ugly?

- The Baseball Gang Easy come, easy go.

A: That would be Ricketts.

Page

What else in Page House is new in these times besides the Inside World that rhymes? Dean turned twenty-one and got what he deserves. In Interhouse softball we beat the Scurves. The Ok-toga-fest was okay, I think. Bartles and Jaymes stopped by for a drink. Styrofoam will by the frosh's repast if first they're not burned by the fiery blast. Come to the barbecue on Sunday and graze. That's what's new in Page House these days.

-Rhymor, Evil Master of Bad Poetry

The Inside World

Blacker

It's a good thing that we have such large frosh. Otherwise we wouldn't have been able to feed all those people at the frosh barbecue. It began somewhat slowly, since the frosh were reluctant to soak themselves in the marinade, but at last this was overcome, and some of the frosh even started basting each other. A good (and filling) time was had by all.

The frosh are really hyper. At the slightest provocation they go into a showering frenzy. Good thing they're LOUSY AT IT AND ALL WIMPS!!! (Note: The opinions expressed are those of War, and do not reflect those of the remaining horsemen, nor of Deepi, all of whom ARE ALSO WIMPS! Urk... Hey, let go, I...)

The Scurves seem more excitable this year. It's hardly possible to walk by North Blacker lounge anymore without being whacked. I've heard that Whack-a-Mole happens when the Scurves run out of ideas for something else to do.

The War of Rose Villa continues. Headquarters have been firmly established in Upper P. The first invasion attempt by outside forces has failed, with heavy casualties taken by the invaders. Reports of the use of chemical weapons were strongly denied, even though there are still faint traces of "Raid" in the area. After recovering from the attempted invasion, the fearless defenders proceeded to annex the library, and are conducting negotiations with Niel "Death before Megadeth" Brandt.

Frosh: So when are frosh initiations?

Upperclassman: What do you mean, when are initiations? You've been showered, given a T-shirt, and taken to Tom-What more do you want? my's.

The mighty whiteboard of Vatican has been drawing pilgrims from all corners of the hovse. Whiteboard art of high quality is being solicited, but bad art continues to pour in ... every alley should have a whiteboard wall. They already all seem to have curtains.

Another yearly tradition has passed, and again we have no saints. You wouldn't think that it would be that difficult. The lounge isn't that big. One would think that at least one of them should have been able to make their way across. Perhaps if we hadn't engaged them in interesting and varied conversation... Anyway, we hospitalized more of them than they did us, so we won.

And with the unsuccessful completion of the Lounge Run, the Black Hand has returned. Already his minions have struck, snatching two of our new frosh. The Hovse mourns their departure. Time for another roompick, Pete. Some of my best friends are moles.

When good friends get together, everything else pales in comparison.

-War, Famine, Pestilence, Death, and Deepi

Fleming

Interview with a Lemming The weary page boy, tramping through the mountains of northern Europe in the winter weather, dropped his knapsack and prepared to sit on a rock.

"Careful, boy," said a voice.

"Sorry," murmured the boy, noting with some surprise that a lemming which he had been about to sit on had addressed him. "It is a source of considerable astonishment to me," said the boy, sitting down beside the lemming, "that you are capable of speech.'

"You page boys are always astonished," said the lemming, "when any other house can do anythinh you can. Yet there are many things others can do that you cannot, such as win Discobolus, four years in a row, to name just one. To win Discobolus, one of the minor achievements of the Flem, your species is dependent on football, the only sport in which you are competent.

"We are a dependent animal," admitted the page boy. "You are an amazing animal," said the lemming.

"We have always considered you rather amazing, too," said the boy. "You are perhaps the most mysterious of creatures." "If we are going to indulge in adjectives beginning with 'm',"saif the lemming, sharply, "let me apply a few to your species – maladjusted, maleficent, malicious and muffle-headed."

"You find our behavior as difficult to understand as we do yours?"

"You, as you would say, said it," said the lemming. "It just happens that I have made a lifelon study of the self-styled page boy. Except for one thing, I know all there is to know about you, and a singularly dreary, dolorous and distasteful store of information it is, too, to use only adjectives beginning with 'd'." "You say you have made a lifelong study of my species—" began the page boy. "Indeed I have," broke in the lemming. "I know that you are cruel and clueless, sly and selfish, greedy, gullible and

guileful-

"Pray don't wear yourself out," said the boy, quietly. "It may interest you to know that I have made a lifelong study of boys. Like you, I have found but one thing about my subject which I do not understand." "And what is that?" asked the lemming. "I don't understand," said the boy, "why you lemmings all rush down to the sea and drown yourselves." "How curious," said the lemming, "The one thing I don't understan is why you page boys don't."

-bastardized excerpts from "An interview with a Lemming," by James Thurber

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what goes on

Submit announcements for What Goes On on forms available outside the Tech office (SAC room 40A) and in the copy/mail room (SAC room 37), or use a plain piece of paper. Send announcements to 40-58, or put them in the IN box outside the Tech office. Indicate the date(s) the announcement must run. Announcements for the current issue must be received by 5 pm Tuesday and should be shorter than 75 words. Announcements will be published as space becomes available and will be chosen according to size and interest to the Caltech community. Announcements for commerical events unrelated to Caltech will not be published.

Soccer, Anyone?

GSC Soccer is starting again this year. If you are interested in joining a team or forming your own team, please contact the Athletic Director, Dan Bridges, at x6146. Play will be in two divisions: A League, for advanced players, and B League for beginner-intermediates.

Waiters/Managers Needed

Looking for a job? The Caltech Coffeehouse has plenty of openings. See Jeanine Conneally in the Student Activities Center, Room 64. Note: Due to staff shortage, the coffeehouse may not have regular hours unless we can resolve this matter soon.

See The Shuttle Land

Caltech SEDS (Students for the Exploration and Development of Space) will be organizing a trip to Edwards Air Force Base to see the shuttle land. If all goes well, the shuttle will land Tuesday, October 17 in the afternoon. We are planning on leaving Tuesday morning. If you are interested in attending, you must attend the organizational on Monday, October 16 at 7:30pm in Clubroom 15 in the SAC or contact Sonny before the meeting. Members and nonmembers are welcome. For more info, contact Sonny Arcilla (1-57 or 577-4423) by October 15.

Mark Taper Forum Scholarships

The Mark Taper Forum Theater in the Music Center complex is offering 10 students the opportunity to have free season tickets for their 1989-90 theater season. If you are interested please submit your name to the Deans' Office, 102 Parsons-Gates, by October 13, 1989.

Carlos Montoya's Farewell

At age 85, Flamenco guitarist Carlos Montoya is making Beckman Auditorium a stop in his "Farewell American National Tour." His performance on Oct. 14 at 8:00 pm will be his last visit to Caltech.

The art of Flamenco is usually identified with Spain and the Spanish gypsy. For the last 50 years, the art of Flamenco guitar has been associated with Carlos Montoya. Montoya has worked to bring about a world-wide understanding of the music without the enjoyable but distracting vista of singers or dancers.

Montoya began early, and by age 14 (that's around 1918, to put this in perspective for you) had begun to perform publicly, accompanying singers and dancers in cafes. He later played for Antonio de Bilbao, Juan el Estampio, La Camisona and the famous Spanish dancer "La Argentina."

Caltech students can get rush tickets at \$7 each to this event on Friday, Oct. 13 Caltech faculty and staff can buy TECHTIX for \$11.25-10.00-8.75 on that same day. Call x4652 for information.

Rag Time

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Don Shepard Fun Fund Signups

Today is your last chance to sign up for the Don Shepard Fun Fund, Don't miss this opportunity to enjoy a special evening of dining out, or a relaxing break at a cultural event of interest to you. Remember, we will contribute \$25 per person for dinner, and \$30 per person for a cultural event.

Gay/Lesbian Discussion Group

An ongoing discussion group on Gay/Lesbian topics is held on the 1st and 3rd Tuesday of every month from 7:30-9:30 pm in the Archibald Young Health Center Conference Room. All members of the Caltech community are welcome. Refreshments are provided. For further information please contact the Health Center at x8331.

Everhart Is On The Air

KPCC-FM's program Airtalk has a special Caltech edition once each month. The October 18 program, airing from 6-7 pm, will feature Caltech President Thomas E. Everhart, and two members of the Humanities faculty, Daniel J. Kevles and Juliette Koepfli. Dr. Everhart will discuss the state of science education and its impact on America's technological competitiveness, and Dr. Kevles will focus on the interrelationship of science, ethics and public policy. In addition, Caltech Archivist Judith Goodstein presents a segment on the history of Caltech. The show will be simulcast on a local cable TV channel (Choice TV 55).

Sunday Hillel Brunch

An amusing morning of good eating and lively conversation – Hillel's Sunday brunches take place in Winnett Lounge at 11:00 am. You'll find warm friendly people, rich witty humor, a relaxing environment, and two nearly-famous Jewish chefs, Sharon Goldstein and David Franklin.

Career Development News

The National Science Foundation Graduate Fellowship and the NSF Minority Graduate Fellowship applications have finally arrived !!!! The deadline for submission of the initial application is November 9.

The following graduate schools will send representatives to campus to discuss their graduate programs: Harvard University, Vednesday, Oct. 18 from 10 am to 12 noon, Winnett Lounge; Dartmouth College, Thayer School of Engineering, Wednesday, Nov. 1 from 10 am to 12 noon in Winnett Lounge.

Exxon will be interviewing seniors looking for summer employment on Wednesday, October 25 and Thursday, October 26 for ChE, Ch, ME, MS, CE & AE students. The Career Development Center is lo-

cated in 08 Parsons-Gates, or call us at x6361.

Numismatic Society

An auction will highlight the October 18 meeting of the Caltech-JPL Numismatic Society. Choice coins will be available at bargain prices to collectors who bring their cash and are prepared to bid enthusiastically. Items from old pennies to silver dollars and interesting foreign coins will be offered to energetic bidders.

In addition to the regular door prizes, special attendance incentive prizes consisting of 1962 and 1963 proof sets will be offered.

The club meets the third Wednesday of ach month at 7:30 pm in rm. 168 of the Church Lab on campus. All Caltech students and staff, along with their families, are most welcome to attend.

ACADEMY

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Mechanical Universe

Watch The Mechanical Universe every Tuesday from 10 pm to midnight and every Thursday from 9 pm to midnight at the Y Lounge, upstairs in Winnett. Freshmen, upperclassmen, grads and faculty are welcome. Refreshments will be provided.

JPL Arts & Crafts Fair

From Friday, October 20 to Sunday, October 22, an arts and crafts fair will occupy the JPL Mall, with proceeds to benefit the Child Educational Center. There will be over 90 booths of handcrafted goods, as well as entertainment, food and children's activities. Admission is free, and so is parking. Hours: Friday, 3pm to dusk; Saturday & Sunday, 9 am to 5 pm. Special auction on Sunday at 1:30 pm. Take the Berkshire offramp from the 210 freeway to JPL, 4800 OakGrove Drive, La Cañada. Park in the Visitor's parking lot.

Halloween Folkdance Party

The Folkdancers will have their Halloween party on October 31 this year. Everyone welcome. Come in a costume. Prizes for the best costumes. Potluck & live music by the Gypsy Horns. Teaching of dances at 7:30, open dancing at 9:00 pm in Dabney Hall Lounge.

Putnam Exams

The William Lowell Putnam Mathematical Competition will be held this year on Saturday, December 2. Please sign up quickly, in Sloan, if you wish to take it. As usual, we hope many participants will en-joy a day of math problems and donuts.

Software Scholarship

The Green Hills Software Corporation has announced the availability of additional one-year \$5,000 Computer Science Scholarships. These scholarships are to be awarded to juniors and seniors with an interest or experience in computer science. To be considered, applicants must have completed a 1989-90 financial aid application and provided all necessary documents. For more information and/or a separate Green Hills Scholarship application, please contact the Financial Aid Office at 515 S. Wilson. The deadline for submitting the scholarship application is October 30, 1989. All eligible juniors and seniors are encouraged to apply.

Bluegrass In Winnett

On Saturday, October 14 at 8:00 pm in Winnett Lounge, the Phil Salazar Band will be in concert, part of the Caltech Folk Music Society series. Tickets are \$8.00, but only \$4.00 for Caltech students. Call x4652 for reservations. There should be tickets available at the door, though, if you can't decide until the last minute.

Broadcast Barbecue

The Caltech Amateur Radio Club open house and barbecue will be Sunday, October 15 from 1-3 pm, on the second floor roof of Winnett, under the lovely antennas.

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Chamber Music Concert

The Almont Ensemble will open the Dabney Lounge Chamber Music Series on Sunday, Oct. 15 at 3:30 pm. Members of the ensemble include clarinetist Al Rice, violist Cynthia Fogg, cellist Tom Flaherty and pianist Charlotte Zelka.

Included on their program will be Brahms' Trio for piano, clarinet and cello, Piston's Duo for viola and cello; Mozart's Trio K. 498 for clarinet, viola and piaon (Kegelstatt); and Kaminsky's Quartet for piano, clarinet, viola and cello.

The Almont Ensemble is the resident chamber ensemble at the Pasadena Conservatory of Music. Formed in 1981, it has performed throughout southern California, specializing in both traditional and contemporary works.

Admission to this councert is open to the public, free of charge, and tickets are not required. Call campus extension 4652 for information.

Bicycle Repair Shop

Those people interested in joining the Bike Shop this year, meet at 3:00 pm Sunday in the Dabney House lounge. Current members, please bring your keys.

Have Fun, Spend Y's Money

The Caltech Y Excomm wants new members (undergrads and grads) who will spend their time (and The Y's money) planning (and doing) FUN and enriching activities for Caltech students. Also, any student clubs and organizations wanting \$MONEY\$ to co-sponsor trips, parties, and other activities should send representatives to the Excomm meeting, every Thursday at noon in the Y Lounge.

The Great Hitch-Hike Begins

On Wednesday, October 18, 1989 at 7:30 pm in Rm. 35 SAC (across from the library-please note change), the Caltech Science Fiction Club will hold its next meeting. We will discuss activities for the year and will distribute library keys. Also, we plan to begin the original Hitchhiker's Guide to the Galaxy radio show (complete and uncut). We will play "Fit the First," in which the Earth is unexpectedly destroyed and the great Hitch-Hike begins, and "Fit the Second," in which, after being saved from certain death during the demolition of the Earth, Arthur Dent now faces a hopeless choice between meeting certain death in the vacuum of space or finding something pleasant to say about Vogon poetry. Be seeing you...

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ated copiers in the Millikan Library. Cards may be obtained from the SAC coordinator or the Library, and are useable on all machines. Consequently, a student need only purchase a single card to obtain access to any of the copiers.

The cost per copy at the ASCIT machine has been raised from 4 cents to 8 cents, which is the same as the Library rate. There is also a deposit of \$2.00 per card which is refunded on return of the card or may be transferred to a new card if an old one is traded in at the time of purchase. This does not apply to cards bought under the old system, when no deposit was charged. The change in price and introduction of a deposit is quite necessary, since ASCIT cannot afford to continue subsidizing copier use as it has unwittingly done in previous years.

ASCIT apologizes for any inconvenience arising from these changes. We believe that it will be offset in the long run by "single card convenience" through cooperation with the Library and any other departments wishing to join the system, and by the elimination of an avenue of dues spending which the Board views as nonproductive.

Sincerely,

-Richard Reid ASCIT President

Men's Tennis Team

Coach Jackson will hold the first meeting at 4:50 p.m. Monday, October 16 on the tennis courts. New and returning players welcome.

History Film Series

Every Monday evening at 7:30 pm in Baxter Lecture Hall, there will be a free film shown as part of the History Film Series. These films are open to all members of the Caltech community. The October 16th film is The Leopard

(Italy, 1962-Luchino Visconti). A masterful reconstruction of the life of a mid-19th century Sicilian aristocratic family during the tumultuous years of Italian unification



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