Moore named new Trustee chairman

by Zackary Dov Berger

Gordon E. Moore, Chairman of Intel Corporation and a member of the Board of Trustees since 1963, will be the next chairman of Caltech's Board of Trustees. The new chairman is Caltech's highest governing body.

Moore will replace Ruben F. Mettler, retired Chairman and CEO of TRW, Inc., at the end of the year. Mettler, who was first elected trustee in 1969, will remain on the Board.

Moore was an active participant in the recent Campaign for Caltech. His interest in electronic materials and structures, as well as his monetary contributions, made possible the eponymous Moore Engineering Laboratory, which is scheduled to be built within the year.

Mars Observer’s demise hinders planetary science

by Michael Kantner

Recent events have sent shock waves through the scientific community. The Mars Observer (MO), which disappeared, the Superconducting Supercollider was cancelled, and Congress has been stable funding for scientific projects. Dr. Arden Albee, project scientist for MO and dean of graduate studies, has several important projects planned for exploration in America. In short, he believes that planetary science will continue, but in a smaller scale.

The loss of MO was a blow to planetary science. After twelve years of planning and construction, the satellite was to have been transmitting data now. The entire project, from orbit path to camera selection, was triggered by scientists to maximize scientific return. Basically a combination of a LandSat and a weather satellite, MO would have given scientists a better knowledge of Mars than they have of Earth.

Now, engineers and scientists are working on a new mission that will use MO’s spare parts and fly in 1996. Unfortunately, this requires money in the 1995 budget, which has already been drafted. Since missions to Mars can only be launched every two years due to planetary alignment, the next window of opportunity is in 1998. Around Thanksgiving, the results of the funding requests should be known. With Congress in a budget slashing mood, optimism is not running high.

According to Albee, the MO’S disappearance directly affected all campus scientists. Since spacecraft do not arrive at planets often, huge amounts of data are collected in relatively short time spans. Recently, Magellan finished its mission, and MO was supposed to have provided the next large data set. Fortunately, some of the immediate effects on campus are small. While about 250 people at JPL changed projects or were laid off, at Caltech the effect was not immediately seen. In general, only research proposals were affected. While several startup grants and graduate students planned to analyze the data, the funding had not yet begun. Few existing projects were hurt.

However, future missions to Mars will be affected by the loss of the Mars observer. While Pathfinder, an engineering demonstration of small Mars lander, will continue, MESUR (Mars Environment in a Small Rover) will be built within the year. Pathfinder, essentially a heavy pre­decesor to MESUR, will not perform much science. MESUR, on the other hand, will return large amounts of data. MO would have provided necessary data for planning landing locations and reducing other issues for MESUR. While MESUR is continuing, it’s requirements, status, and launch schedule are changing.
I see the entire off campus?

Would you like to enjoy the company of the EI Capitan, a really old theater in Hollywood? Would you like to see the Reservoir Dogs? How could you refuse if you pay for 18 people to see this movie?

2 November 12, 1993

I would like to congratulate the IHC on their professionalism and depth of character which are immediately apparent to anyone who reads the IHC minutes in last week’s issue of the ASCIT. I was especially impressed by the courtesy and respect the IHC extends to other student groups; it is encouraging to me that our elected officials work so well with the other pillars of student government at Caltech. Indeed, I think I speak for many students when I say that their minutes exemplified the kind of commitment and integrity we have come to associate with, and indeed expect from, the IHC.

Michael Brundage
Vice President, ASCIT/Chairman, BOC

Please send letters to the editors of The California Tech, Caltech 40-58, Pasadena, CA 91125, or by e-mail to editors@tech.caltech.edu.
The Tech reserves the right to edit all letters for brevity or otherwise, and to refuse to print any letter for any reason.

Announcement
A new group, the Student Affairs Committee, is forming to facilitate communication between students and Sharyn Slavin, Asst. V.P. for Student Affairs. Students interested in participating in this committee, which will meet bi-weekly, should come to an informational meeting on Thursday, November 18 at 12:30 in the MOSH’s office.

Mike Bennett's
Word Puzzle Fun
Things That Are Dropped
Suggested time: 17 minutes
(The answers to the crossword puzzle below will fit the description in the title.)

Some of the answers are plural, some singular. Most answers fit some sort of cliché. Hints: One answer is "subject." One is not "line."

TONIGHT'S ASCIT MOVIE
IN THE LINE OF FIRE
STARRING CLINT EASTWOOD

Friday, November 12
Baxter Lecture Hall
7:30 & 10:00 P.M.

NEXT WEEK: *The Muppet Christmas Carol*

LAEMMLE THEATRES

ESQUIRE
2670 E. Colorado Blvd.
(818) 793-6849

Anthony Hopkins
Emma Thompson

Remains of the Day
Dail: 4:00, 7:00, 10:00 p.m.
Sat-Sun: 2:00 Matine.

COLORADO
2588 E. Colorado Blvd.
(818) 796-9304

Robert Altman's
SHORT CUTS
Dail: 4:20, 8:20 p.m.
Sat-Sun: 2:30 Matine.

IHC ‘praised’

Dear Ernest,

What did you think of TACIT’S production of "You Can’t Take It With You"?

—Just Wondering

Dear Wondering,

It sucked. This bunch of sorry amateurs should pack up and go home now.

Dear Ernest,

I was shocked and disappointed to read your complete dismissal of TACIT’S fine production of "You Can’t Take It With You." How could you refuse if you paid for 18 people to see this movie?

Dear Shocked,

First of all, the play took place in Winnett Lounge, so there wasn’t any backstage to visit. Secondly, I have met many of the cast members, and I really would rather not socialize with them.

Dear Ernest,

This flyer was taped to my windshield recently, and I thought you might be interested in it:

"YOUR CHILDREN ARE IN DANGER!"
The dangerous drug LSD has recently been found in this neighborhood in the form of small "tattoo" decals depicting Mickey Mouse, the Walt Disney character. The unscrupulous drug dealers give these decals free to small school children, who lick the tatoos and ingest the LSD. Once the children become addicted, they are forced to steal money from their parents every week for their next "hit." The children cannot stop taking the "acid," as it is called, without a long and painful withdrawal.

Write your congressman today and ask for tougher legislation before your child becomes the next victim of these drug dealer scams.

—Keeping my Children Inside

Dear Keeping,

Thank you for alerting the community to this danger. I’m sure there are many grateful mothers out there who will now be able to protect their young children from this menace. God bless you.

Write to Ernest Tomlinson, c/o this newspaper for Ernest’s free pamphlet, "How Drugs Are Destroying Our Nation." Enclose a self-addressed, stamped envelope and $5 to cover shipping and handling.

The California Tech

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Crime Tip: Please lock away all valuable personal belongings when leaving an office or lab, especially when leaving an office or lab, especially if you're interested, drop in. If you have any questions about any events, feel free to give us a call at x6163.

Valery L. Manilov announced that Russia's former policy of only using nuclear weapons as retaliation for a nuclear attack was over. A new doctrine signed by Yeltsin says that nuclear weapons may be used to stop non-nuclear attacks.

Somalia

Fighting in Mogadishu between regional leaders Mohammed Farah Aidid and Ali Mahdi Mohammed continued. U.N. officials met with both clan leaders (warlords) to discuss how to reduce tensions and fighting in Somalia.

United States

The Senate voted for mandatory life sentences for those convicted by federal courts of a third violent felony and to outlaw gang hangouts in possession for most people under 18. President Clinton said that the United States would send a developing. North Korea to develop a nuclear weapon. The State Department reported that North Korea had moved more troops to its southern border. Clinton said that he would consider an attack on South Korea to be an attack on the U.S.

Perot said that a police officer had told him that the FBI had heard from an anonymous caller who was speaking on behalf of an unidentified man who was just released from a Mexican prison that six Cubans were planning to assassinate him. He explained that the Cubans wanted NAFTA to pass so that they could make more selling drugs shipped through Mexico. He told his supporters that if he should be killed, they should not "spend a minute mourning" him. "Make sure you stop NAFTA, with or without me."

Crime Tip: Please lock away all valuable personal belongings when leaving an office or lab, especially if you're interested, drop in. If you have any questions about any events, feel free to give us a call at x6163.

The military government of Lt. Gen. Cesar Mencia is fighting away from U.N. talks on reinstating President Jean-Bertrand Aristide. U.S. officials said that the U.S. will seek major increases in sanctions against Haiti.

Jordan

The fundamentalist Islamic Action front lost 6 of its 22 seats in Parliamentary elections for the 80-seat lower house. Secular ruler King Hussein praised the results as a critical step towards democracy.

Russia

Yeltsin revealed his new proposed constitution. His new constitution gives Russian citizens the right to own land and businesses. It also increases the powers of the president, allowing him to appoint ministers, judges, and, the prime minister with Parliamentary approval. The President also gains the ability to dissolve Parliament if it rejects his candidates for Prime Minister three times, or if a confidence vote fails. The new constitution also makes it harder for Parliament to impeach the president. To impeach the president, the lower house must initiate charges of treason and form a commission to investigate the charges, the Supreme Court has to confirm the members of the commission, and the upper house has to convict the president on the charges by a two-thirds vote. Half the members of the upper chamber will be appointed by officials who work for the president.

The strong presidential power gives other liberal parties an issue to separate themselves from Yeltsin. Up until now, the various liberal parties have not had significantly different stands on the issues, so Yeltsin's party, Russia's constitutional drafters gave the republics more autonomy, his new version makes them equal in power to the administrative units of Russia.

A referendum on the new constitution will be held December 12th, along with new Parliamentary elections. The constitution will be pass if over half of eligible voters vote, and over half of those voting approve the new document. The 50% quorum means that those opposed to the new constitution may vote against it simply by boycotting the election. Alexander V. Ivanchenko said that if the constitution is voted down, the new Parliament will draft a constitution.

Yeltsin announced that he plans to finish his term, which is scheduled to last until 1996, reversing promises he made earlier to hold presidential elections next June.

DESSERTS with the MOSE

The evening of December 1st from nine o'clock until eleven o'clock

Steele House

355 S. Holliston Ave.
You Can’t Take it With You
by Mike Benedetti

Ah, fall. What a season it is. The changing of the leaves, the year’s first snow, the bittersweet smell of flaming thespians in the air. Must be time for TACIT’s fall production.

"You Can’t Take It With You", a comedy by Moss Hart and George Kappelman, opens tonight in the Winnett center. The play follows an event in the lives of the unconventional Vanderhoff family: the engagement of Alice Vanderhoff (played by Priyamvada Rai) to Tony Kirby (Myke Hoskins), an upper-class youth whose family does not approve of the wild antics of the Vanderhoffs.

I went to Wednesday’s dress rehearsal of the play, and I enjoyed it. TACIT’s production of the play is rather rough in spots, but what it lacks in polish, it makes up for in entertainment value. The cast is solid, with particularly interesting performances from Daniel Williams (as Grandpa), Priyam, and Myke. Also memorable were Eve Kiefer, Michael Ohliger, and Gary Olsen.

“You Can’t Take It With You” was written early in this century, so the crack TACIT staff had to update some of the references in the play for 1993. For the most part, the additions are seamless, and some of them are even funny. The play itself is less likely to provoke a laugh than a smile.

In the tradition of all great Tech TACIT reviews, I guess I should approve of the wild antics of the crack TACIT staff had to react convincingly when surprised by a smoke. Furthermore, the special effects (excepting Bob Forber’s pyrotechnics) are rather unimpressive. However, if you can deal with these hardships, you should be able to enjoy “You Can’t Take It With You” despite yourself.

“You Can’t Take It With You” opens tonight at 8 p.m. in Winnett Lounge. Tickets are available at the Caltech Ticket Office: $6.00 general admission, $4.00 for Caltech students.

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**RAVE REVIEWS**

### Sin-a-matic

by Leo Fontaine

Saturdays at club 7969 (formerly Peanuts), Sin-a-matic is the sister club to Club Fuck! It is run by the same people. Club Fuck! ran into some silly trouble with the LAPD awhile back, and is currently not running. Fortunately, Sin-a-matic is in West Hollywood, which is a city by contract. If you don’t know what that means, ask Dr. Kiewiet.

About the club: Sin-a-matic has one of the most relaxed and laid back crowds of any club in L.A. The crowd is mixed, about 25% Homosexual and 30% Heterosexual. The music is industrial, played over a decent sized dance floor with some pretty interesting, and possibly X-rated visual effects, though not as impressive as kontrol factory’s visuals. Because the crowd is laid back, the dress “code” is relaxed too. Jeans, and a rock band T-shirt will do quite well, so will basic black, which is preferred. Dress cheap if you like—don’t dress elegantly. You may show as much skin as you like, as long as you leave your underwear on. The club used to allow female patrons to go topless, but that may have changed.

The atmosphere can be best described in a nutshell as “The Big Tease.” If you get “into” the club’s atmosphere, expect to be flirted with. There are three rooms in the club. The main room has the dance floor, some seats that seem to be always taken, and the main bar. There is a second room with another bar, more tables, a pool table, and some—ahem—interesting paintings on the walls and doorways. The back room deserves its own paragraph.

On most nights, not all, the back room has some sort of S & M show. Sometimes the people are paid performers putting on a show on behalf of a record company, or just to bring people to the club. Other times the performers are just other patrons having a good time. Should you venture into the back room and people are “playing,” please watch quietly, and stay out of the way. If you are really adventurous, you can ask someone to “play” with you, just be sure that those you ask are regular patrons too.

Two types of people shouldn’t go to Sin-a-matic. The squeamish, or easily offended, and those who are likely to get themselves into something that they might regret later. Sin-a-matic, otherwise, is a really cool industrial dance club with a little twist to it. When you go there, if you get there early, you can park on the lot at the club. Otherwise park on the street nearby. The parking meters aren’t active after 6:00 p.m, so there is plenty of free parking.

Sin-a-matic: Saturdays at Club 7969, 7954 Santa Monica Blvd, West Hollywood, (213) 629-0280. Should you try to go to Sin-a-matic, please submit your review to the Tech as you would any other submission.

---

**You are cordially invited to attend a**

**PRESENTATION**

on

**FIXED INCOME SALES & TRADING**

on

Thursday, November 18, 1993
5:00 p.m.
East-West Room
Athenaeum

All undergraduates are invited to join Lehman Brothers professionals

**LEHMAN BROTHERS**
Bridge Without Sam

by Jeff Goldsmith

Dreaming

Just as I was falling asleep one night, a hand from Jimmy Kauder's Creative Card Play, a.k.a. The Bridge Philosopher spurred a strange and devious thought. Kauder's book, by the way, is spectacular.

I am sitting (sleeping?) East and the opponents hop to game. Declarer's a well-known professional, one of the best, dummy is immaterial. Partner leads the 3♣, which I win, picking up declarer's Queen. I cash a second high heart and everyone follows.

The hand is counted out, now. Declarer should be 1-2-5-5. If partner has a minor suit King, we have this beat, but can I beat this hand if he has less? Maybe, by a terrific swindle.

Let's imagine that I had ♠K♥10. Can I beat it then? If I return a heart, declarer will ruff and draw two rounds of trump, partner overwounding on the second round. He'll then cross to dummy with the 3♠ and hook back and claim if his diamonds are as good as an AQ♣, which they then have to come face to face with. I can return a spade, taking dummy's entry before traps are tested. The problem with that play is that it is entirely too suspicious. Declarer is easily good enough to figure out why I played a spade into the AQ♣ and take a first round club club.

Therefore, I do that without the ♠K, maybe declarer will work it out and take the club hook, losing to partner's Jack. Imagine the look of surprise on partner's face to take that trick!

So I return a spade into dummy. Without a sideways glance, declarer draws trumps, dropping partner's doubleton Jack smoothly, looking for a club hook back and claiming if his diamonds are as good as a ♠KQ. That would make the set a lot. As is stands, thatA Time fans are getting into.

Unfortunately, there's a strange and devious thought. If declarer has ♠KQ, he's going to play ♠Q before trumps are tested. The problem with that play is that it is entirely too suspicious. Declarer is easily good enough to figure out why I played a spade into the AQ♣ and take a first round club club.

Therefore, I do that without the ♠K, maybe declarer will work it out and take the club hook, losing to partner's Jack. Imagine the look of surprise on partner's face to take that trick!

So I return a spade into dummy. Without a sideways glance, declarer draws trumps, dropping partner's doubleton Jack smoothly, and claims. Oh well, maybe it was a nightmare after all.

Weavers box set disappointments

by Michael Benedetti

Let me begin by saying that I don't like most folk music. Few performers are either innovative or talented enough to produce anything worth buying. In fact, aside from Dylan, Guthrie, or any blues artist you care to name, only the folklies I like are the Weavers, the original bluegrass band and twisted masters of folk.

Vanguard has recently released a four-disc Weavers boxed set, What A Time, marking the 45th anniversary of the Weavers' formation. Overall, the set is mediocre. It is done justice to the Weavers' early, pre-blacklist days, featuring everything from the period that matters, "Goodnight Irene," "Wimoweh," and "Kisses Sweeter Than Wine" are all here, in their original recorded glory.

The set continues with the Weavers' Carnegie Hall reunion and their sixties work. This is the heart of the set, and it is done justice from the grand folk catalogue, all performed simply and with grace.

Unfortunately, the set does not contain any material from their final 1960 reunion at Carnegie Hall. The compilers made a big mistake here. What a Time is an important part of the Weavers' story, and its inclusion would have helped the overall set a lot. As it stands, What A Time will only net hardcore fans looking to round out their collections, or folklies who know what they're getting into.

Games & Puzzles: Mischmash

by Wei-Hwa Huang

Lewis Carroll is best known for his "children's" book Alice's Adven­tures in Wonderland. His alter­ ego, Charles Dodgson, was an amateur mathematician. His expertise was logic, which is evi­ denced by a few strange passages in his Alice books. He also invented this extremely beautiful pictorial representation of logic (this was before Boolean Algebra was in­ vented) which I cannot show here for two reasons: one, the editors might not be so eager to reproduce it; two, I don't remember it and I'm too lazy to do the research right now. (Actually, I shouldn't be insulting the editors just because THEY ARE GREAT PEOPLE WHO SHOULD BE PAID FOR THIS JOB, for they could change the words I write anytime they wish. Actually, What A Time, we are paid appr. $30/weekly for our time. Thanks anyway—eds.)

Carroll also was a great fan of puzzles: he wrote hundreds of acrostics, was an avid anagrammer, and turned out such gems as:

Yet what are all such gaieties to me
Whose thought are full of indices and surials
x² + 2x + 1 = 1/16

This is the only poem I know that features a quadratic equation inside it.

Puzzle 1: What number did he put in the blank? Hint: It's the integer between 1 and 100.

Anyway, the feature of this col­ lumn is a game invented by Carroll that he called Mischmash. He de­ veloped a elaborate system of scor­ ing, etc. but the basic idea has resurfaced quite a few times under such names as "tidbit," "Words Sources," and the like. The roles are quite simple: a person in a group thinks of a keyword, and pulls out a "kernel" from it. A "ker­ nel" is a sequence of letters that appears in the word consecutively and in that order. For instance, if the word was WINDJAMMER, then DJ, IND, DJAM, MME, would all be acceptable "kernels." The other people then try to find words that fit the kernel. It does not have to be the keyword: any word that fits will work. Since the first person may have chosen a really easy kernel (such as IND which may lead to WINDOW, WIND­ OW, KIND, INDIGENOUS, etc.), I play with the idea that the word formers may add letters to the kernel to make it harder (in the previous example I would say "No, I'm thinking of a INDING.") Sometimes this may make the kernel obvious; if you said "GIP" and you were getting KINFIN, PIC­ PEN, FLAGOLE, MAGPJE, GANGLANK, you might modify it to "GOIP," which would make the answer, EGGPLANT, quite evident.

Puzzle 2: I've left out a solution to GIP. What is it?

Solution to last week's Hit or Miss have the disadvantage in this game. Each of the 13 places has a 1 in 13 chance of getting the correct card, so my expected value of correct cards in the first round is 1. But this turns out to be true no matter how many cards I'm trying to fit, so at each round my expected value of correct cards is 1. In other words, I can expect to finish in 13 rounds. And a payment of thirteen dollars for $11 ($10 plus the cards), so I should expect to lose two dollars every time I play.

Anything you'd like to see in this column? Send your suggestions, comments, ideas to Wei-Hwa Huang, MSC 542, call x5540 and leave a message, or e-mail to whuang@ccco.

PRENTICE HALL COMPUTER BOOK FAIR

SELECTED UNIX... AND X WINDOW SYSTEM COMPUTING TITLES WILL BE 10% OFF NOVEMBER 17 & 18 AT THE CALTECH BOOKSTORE'S ANNUAL FALL SIDEWALK SALE
DAD SAID, "YOU DON'T GET SOMETHING FOR NOTHING?"

WELL, GUESS WHAT? HE WAS WRONG.

WE'VE MADE A BIG DEAL OUT OF NOTHING.
YOU SEE, WE DON'T CHARGE AN ANNUAL FEE.
PROVING ONCE AGAIN, WHAT
DAD DOESN'T KNOW WON'T HURT HIM.

IF YOU DON'T GOT IT,
GET IT.
IHC minutes, November 4
by Craig Smith

Present: U.S.A.F. Hassan, Ben Smith (BI), Jumplin' Jim Murdoch (Da), Eric Louisgarden, (PI), Eric Leidhagen, (Stat), David DeBrosse (BI), Stan Grant (Bu), Tom Mannion (Housing), Kim West (DRL), Gregg Henderson (Security), Moeen Abedin, Jen Cato, Justin the recent muggings of Caltech problem, and a possible student and 12-4 A.M. there to be a vice where students who live off­ works, and is used. As of now, in seventeen volunteers in Ruddock. Gregg Henderson discussed the things like magnetic locks and key­ings off of the their off­ homes, and it will be stored if it's not going to stay on the ASCIT Van.
Old Business

Bylaws—Anything is to be done this term, the BOD will have to approve proposals next week; after looking over one or two, the following schedule is set to bring the proposals to a vote before the end of the term: 11/16—approve proposals, 11/23—approve proposals in the Tec, 11/29—vote. Some more discussion takes place, but no one brought up any new arguments for either side. A vote will be taken to approve the proposals at the next BOD meeting. The approved proposals will be posted by Wednesday, November 17 and all comments should be published along with the proposals on the 18th. Next week will not be another Tech before voting takes place on the 28th.
Ex-Officio Chair

If anyone is interested in being a set of used speakers, talk to Jen­ nifer Tritschull.

Director of Social Affairs
The Three Musketeers sign-up goes tonight; it will come down Friday night at 10 p.m. Watch for an article in The California Tech for more info.

As ASCIT GSC Party is slated for January 8th, 9th.

Mudeo 1983 is this Saturday at 11:00 a.m.; meet in front of the Rockettes.

Director of Academic Affairs
Two sub-committees have met; the last one, the spring term, Fshora will publish a synopsis of the progress in all sub-committees next week. Any correspondence should be directed towards Flora Ho, 305 Page.

Other Announcements:

• Food Contract Renewal:
• Food and Socialization at DRL/MOSH office on Friday afternoons from 3-5 P.M.
• Bob Cobb's old office in the SAC began being used as an ASCIT/House meeting room/office.
• E-mail me (craig@eco) or talk to me by Tuesday at 3:00 p.m. if you would like a copy of the agenda e­ mailed to you on Tuesday after­ noon.

Moles are adorned with paint guns now, so watch out. If you are passed at them inappropriately, feel free to complain to Ben Smith.

Dawe is worried about a Safety Office plot to remove all transoms from the south-house because they are fire hazards.

In a related announcement, Stan tells us that he was told that Ruddock lounge furniture is a fire hazard.

IHC minutes, November 10
by Karen Shih

Present: BOD (minus Gisele R. Sandovall), Jennifer Tritschull, Dave Derkits, Christy Eauan, Vicki Brown, Eric Hackman, Roy Jones
New Business

Big T Compensation Schedule and Budget for the 1000-94 book are approved. The BOD would like some concern over my role as an "editor" without official appoint­ ment; for now, I am serving as an assistant and do not have any official editorial powers. Motion to approve the schedule and bud­ get, passes, (6-0-2; Anasid is late)

ASCIT Movies, Women's Glee Club, Anime Society, and IHC all pick up money for the first term, some for last term. The BOD would like to know where the Velo Bike Rack is, and where it will be stored if it's not going to stay on the ASCIT Van.

Meeting Times: Asif feels that the most accessible time for members is 3:00 P.M. next week, the meeting on November 23rd. If anyone is interested, contact Kim, Asif, Derek not attending the meeting, that the members would like to know where the Velo Bike Rack is, and where it will be stored if it's not going to stay on the ASCIT Van.

Attendance:
• Bylaws—Anything is to be done this term, the BOD will have to approve proposals next week; after looking over one or two, the following schedule is set to bring the proposals to a vote before the end of the term: 11/16—approve proposals, 11/23—approve proposals in the Tec, 11/29—vote. Some more discussion takes place, but no one brought up any new arguments for either side. A vote will be taken to approve the proposals at the next BOD meeting. The approved proposals will be posted by Wednesday, November 17 and all comments should be published along with the proposals on the 18th. Next week will not be another Tech before voting takes place on the 28th.

Ex-Officio Chair

If anyone is interested in being a set of used speakers, talk to Jen­ nifer Tritschull.

Director of Social Affairs
The Three Musketeers sign-up goes tonight; it will come down Friday night at 10 p.m. Watch for an article in The California Tech for more info.

As ASCIT GSC Party is slated for January 8th, 9th.

Mudeo 1983 is this Saturday at 11:00 a.m.; meet in front of the Rockettes.

Director of Academic Affairs
Two sub-committees have met; the last one, the spring term, Fshora will publish a synopsis of the progress in all sub-committees next week. Any correspondence should be directed towards Flora Ho, 305 Page.

Other Announcements:

• Food Contract Renewal:
• Food and Socialization at DRL/MOSH office on Friday afternoons from 3-5 P.M.
• Bob Cobb's old office in the SAC began being used as an ASCIT/House meeting room/office.
• E-mail me (craig@eco) or talk to me by Tuesday at 3:00 p.m. if you would like a copy of the agenda e­ mailed to you on Tuesday after­ noon.

Moles are adorned with paint guns now, so watch out. If you are passed at them inappropriately, feel free to complain to Ben Smith.

Dawe is worried about a Safety Office plot to remove all transoms from the south-house because they are fire hazards.

In a related announcement, Stan tells us that he was told that Ruddock lounge furniture is a fire hazard.

ASCIT BOD minutes, November 9
by Craig Smith

Present: Asif, Ben Smith (BI), Jim-Bob Murdoch (Da), Brian Cooper (FL), Eric Shaback (LI), Stan Grant (Bu), Derek Surka (Pa), Tom Mannion (Housing), and me. We picked up money for the first term we have just finished. We decided to meet on Tuesday morn­ ing at 11:00 a.m. next week, the 16th of November. Hopefully, this meeting time can be permanent.

Interhouse Swimming: Brian talked to the Athletic teams (ex­ cept and not interested in the ASCIT/IRH meeting on his appointment as a Rec­ reation director at a reception in one of the Houses). Another interesting idea is to have an alumni talk about their ca­ reers at a reception in one of the Houses. Another interesting idea is that of a Homecoming party for the alumni, where each of the Houses has a party, and the alumni come back and ten the current undergrads in a social setting. This might happen second or third term.

Fire Safety Classes: James asks if anyone is interested in buying a set of used speakers, talk to Jen­ nifer Tritschull.

Anandi is late}

Alumni Association News:
The alumni association is trying to de­ velop programs that will foster inter­ action between current undergraduates and alumni. One of their plans is to possibly have a sort of career day where alumni talk about their ca­ reers at a reception in one of the houses. Another interesting idea is that of a Homecoming party for the alumni, where each of the Houses has a party, and the alumni come back and ten the current undergrads in a social setting. This might happen second or third term if the proposals are approved next week, and the ball gets rolling.

Fire Safety Classes: James asks if any other houses, or just other people have been in trouble about fires would mind contributing to the cause of paying for the Fire Safety Classes which about forty dollars have been taking. The total cost for the course is Sharyn Slavin, the Assistant Vice President of Student Affairs, wants to set up a Student Advisory Committee of 10 or 11 undergraduates with whom she would meet about once every two weeks informally to discuss issues which may come up which affect the stu­ dent body. For example, when the sexual harassment policy came out a few years ago that was left out of the works, there are lots of funds for this purpose just waiting to be used.

BOD Chair

Congratulations to Zack Berger on his appointment as a BOC Rep­ resentative to the BOC.

ASCIT Office Hours for the V.P., Tuesdays, 3-6 P.M. SAC 38

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The Anatomy of the Citibank Classic card: a body of services and peace of mind for students. For years, scientists could only theorize about the Citibank Classic Visa card, unable to actually observe anything below its epidermal surface (i.e. the plastic). Surely, the highly intelligent services were evidence of an advanced brain. But with the latest advances in x-ray technology, and when the light could catch the various parts just so, it was confirmed: the Citibank Classic Visa card is head to toe more evolved than ever imagined. ¶ At its backbone are 3 services to cover the purchases you make on the card. Starting at the Lower Costal Spine, we see Citibank Price Protection can assure you of the best price. All you have to do is discover the same item advertised in print for less, within 60 days, and Citibank will refund the difference up to $150. Along the Opgs-It-Slipped Disc, Buyers Security™ can cover those purchases against accidental damage, fire or theft, for 90 days from the date of purchase; and Citibank Lifetime Warranty™ allows one to extend the warranty for the expected service life of eligible products up to 12 years!. So if you ever buy a walkman, a stereo, whatever, it will be reassuring to know that Citibank can bend and be flexible while still lending support. ¶ The backbone is then connected to the cranium or headbone. You can actually see it on the top left hand corner of the card. Look at the bottom of the page. The Citibank Photocard has the head of the cardholder on it, as well as his or her own signature, right on the front. That way, it will help prevent fraud. It will make a good form of ID as well, since you get to choose your own photo. ¶ But what about the Nervous System? The fact is, it doesn't have one, not in the spinal cord nor in the brain. What it has is the Very Calm System. Because even if your credit card gets stolen, or gets lost, an involuntary muscle called the Extendus Anwencredues activates the Lost Wallet™ Service which can replace your card usually within 24 hours. ¶ As suspected, there's another involuntary muscle: the heart—a beating and caring heart, big enough to give students special discounts and savings. You'll receive a $20 Airfare Discount on domestic flights; savings on mail order purchases, sports equipment, magazines and music; a low variable interest rate of 15.4%; and, no annual fee. (In other words, the card itself doesn't cost a forelimb.)

Naturally the heart of the Citibank Visa card pumps life and personalized customer service into all its parts, 24 hours a day. So no matter what the question you might have concerning your card, you need only call the number. Citibank representatives each have a neck they are eager to stick out for you. They will always lend an ear. Or a hand. They will keep an eye out for you. They will put their best foot forward. Etc. ¶ So call to apply. You don't need a job or a cosigner. And call if you'd like your photo added to your regular Citibank Classic Visa card. The number is 1-800-CITIBANK (1-800-248-4226), extension 19. ¶ If we take an overview of the whole body of services that make up the Citibank Classic Visa card, and consider that it will facilitate building a credit history, then you must shake a leg, flex your index finger and call today.

Monarch Notes* Version:
With your purchases covered, no fee, and a low rate, the Citibank Classic Visa card will go easy on your Nervous System.
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Slipped Disc. Buyers Security™ can cover those purchases against accidental damage, fire or theft, for 90 days from the date of purchase; and Citibank Lifetime Warranty™ allows one to extend the warranty for the expected service life of eligible products up to 12 years. So if you ever buy a walkman, a stereo, whatever, it will be reassuring to know that Citibank can bend and be flexible while still lending support. ¶ The backbone is then connected to the cranium or headbone. You can actually see it on the top left hand corner of the card. Look at the bottom of the page. The Citibank Photocard has the head of the cardholder on it, as well as his or her own signature, right on the front. That way, it will help prevent fraud. It will make a good form of ID as well, since you get to choose your own photo. ¶ But what about the Nervous System? The fact is, it doesn't have one, not in the spinal cord nor in the brain. What it has is the Very Calm System. Because even if your credit card gets stolen, or gets lost, an involuntary muscle called the Extendus Anwencredues activates the Lost Wallet™ Service which can replace your card usually within 24 hours. ¶ As suspected, there's another involuntary muscle: the heart—a beating and caring heart, big enough to give students special discounts and savings. You'll receive a $20 Airfare Discount on domestic flights; savings on mail order purchases, sports equipment, magazines and music; a low variable interest rate of 15.4%; and, no annual fee. (In other words, the card itself doesn't cost a forelimb and a hindlimb.) ¶ Naturally the heart of the Citibank Visa card pumps life and personalized customer service into all its parts, 24 hours a day. So no matter what the question you might have concerning your card, you need only call the 800 number. Citibank representatives each have a neck they are eager to stick out for you. They will always lend an ear. Or a hand. They will keep an eye out for you. They will put their best foot forward. Etc. ¶ So call to apply. You don't need a job or a cosigner. And call if you'd like your photo added to your regular Citibank Classic Visa card. The number is 1-800-CITIBANK (1-800-248-4226), extension 19. ¶ If we take an overview of the whole body of services that make up the Citibank Classic Visa card, and consider that it will facilitate building a credit history, then you must shake a leg, flex your index finger and call today.

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The Tech Survey

As we printed earlier in the term, the editors have decided to revive the Tech survey to spice things up (and fill space) this term. The response has been somewhat light, however, so we've printed the categories again, along with entry blanks for your convenience. Submit your votes to us by email at editors@tech.caltech.edu, by campus mail at SAC 40-58, drop it in the box outside the office (SAC 40), or give it to one of the editors. Please vote only once in each category.

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I ♥ SURVEYS!

Continued from page 1

Mars Observer

The Cassini program may also be affected indirectly by MO. As NASA's last large planetary probe, it represents the end of an era. NASA's new ideal is "Faster Better Cheaper." Cassini is none of these. Since Cassini is a line item on the budget, Congress can directly kill the program, as they did to the Supercollider. However, Cassini is nearly finished and already has been through some major budget cuts so it is expected to continue.

Clearly, Congress plays a large role in planetary science, and this role appears to be increasing. While multi-year commitments to a project would be ideal, they will not be seen in the near future. In fact, Congress is doing the opposite. Some bills are so detailed that they include management instructions. The nation's anti-incumbent attitude also hurts science. Politicians are being elected on platforms of budget cutting. Projects approved in the past no longer have their supporters, and are easily cut.

With NASA on a tight budget, it is impossible to predict what the next planetary science mission will be. Many people are proposing different Discovery Class Missions, which cost about $150 million (including launch vehicle) as opposed to MO's price of over $1 billion. Since money is tight, a simpler MO-like mission could displace funds from other missions, such as the Pluto Fast Flyby. However, it is clear that any new project will be small and inexpensive to fit NASA's new direction.

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ADAM VILLANI: MEDIA GUY

by Adam Villani

Things to watch out for in the Nov. 25 Rolling Stone
• The letters page.
• The article on Meat Loaf. Even though a few issues ago Rolling Stone acknowledged the fact that his new album, Bat Out of Hell II, is really awful, they somehow felt inclined to legitimize Mr. Loaf with an article about his comeback, now that the album has topped the charts. This only cements their position as record-company publicity writers masquerading as journalists.
• The footwear ad on page 30. There’s a picture of a 90’s-looking young woman with the caption, “Anti-establish yourself.” What is the message here? That you aren’t cool and independent unless you wear our shoes? This is the same sort of thinking that calls the most popular music in America today “alternative”.
• The Evan ad on page 40. Not only is there the usual ad copy intimating that somehow you need Evan to sustain life, but this is also accompanied by a photo very reminiscent of the cover to Nirvana’s Nevermind. Errie, isn’t it?
• The cover story on basketball star Shaquille O’Neal. It’s a pretty decent article on a rising celebrity, but all of the talk in the article about his merchandising empire only makes me think that his being on the cover of Rolling Stone is all part of a big capitalist play to control our minds and wallets.
• Perfume/Cologne ads.
• The Red Hot Chili Peppers naked on page 88. Last week I mentioned this picture, and a few days later, Rolling Stone publishes it again. Who says Media Guy doesn’t have his finger on the pulse of America?
• The PowerBook ad. Actually, this is just a funny ad.
• The review of Kate Bush’s The Red Shoes. Once again, Media Guy foretells the future. Media Guy foreshadows Rolling Stone.
• On page 123, in the Holiday Gift Guide, there’s an ad for a book called a ‘book with the most pretentious title in publishing history: The Best of Rolling Stone: 25 Years of Journalism on the Edge.’
• Finally, the charts. Garth Brooks is number one.

"You Can’t Take it With You"
Okay, so it isn’t high art, but this new TACIT production certainly is enjoyable. The best part is that watching the wacky hijinks of the family in this play is like watching a family full of Techers.

Jan Svankmajer’s “Alice”
This is a bizarre Czech version of Alice in Wonderland available on video that combines live action with object animation. Svankmajer succeeds in creating an Alice even more surreal than the original book. In case you aren’t familiar with Svankmajer’s work, Peter Gabriel’s “Sledgehammer” video was a very good imitation. Svankmajer animates skeletons, meat, and an actual dead white rabbit to create a very disturbing, surreal film. It’s not all gimmicks, though; Svankmajer isn’t just a great animation director but a great director, period. Note that many people become annoyed at the voice-over, while I thought that it just added to the paranoia of the movie. Watch the film when you’re in the right mood, and while you’re at it, be sure to try to see some of his great short films, too.

continued from page 1

Research
also in defending their results and in discussing problems responsibly.

Dr. Tombrello hopes to see this type of class adopted by other scientific divisions at Caltech. Knowing the undergrad tendency to procrastinate on homework and sleep in class, he would like to see smaller classes where discussion is animated and students are under more pressure to know the material. The instantaneous feedback of an academic-al low flawed ideas to be discarded quickly and solid thoughts to be improved upon more easily. Such a system is traditional in many British schools and is used in a number of American schools, including Harvard. The Second Hurdle will be available Monday, for any freshmen interested (sorry, only freshmen are eligible). You need not have worked on the First Hurdle in order to be considered for the Ph 11 class. So go for it, Frosh! You just might have fun and win some money besides gaining valuable experience!

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Events & Notices

The Caltech-Occidental Concert Band will present a concert on November 20, 1993, at 8:00 p.m. in Fordham Auditorium. All students, faculty, and staff are invited. There is a suggested donation of $4.00.

The Equestrian Center will be open for horseback riding each Sunday from 1:00 to 4:00 p.m. for students, faculty, and staff. A suggested donation of $4.00 per person is requested.

On November 15, 1993, the Asian American College will hold its annual Fashion Show to benefit the Charles R. DePrima Memorial Undergraduate Mathematics Fund. The show will begin at 7:00 p.m. in the Alice I. DuBose Center. The event is open to the public and tickets are $5.00 per person in advance or $6.00 at the door.

The Caltech Women’s Tennis Team is hosting the IRSC Invitational Tournament on November 25-26. Entry fees are $15 for singles and $20 for doubles. The tournament is open to all female tennis players and doubles teams.

The California Tech Alpine Club will host its annual Fall Banquet on November 19, 1993, at 7:30 p.m. in the NU Club. The banquet is open to all members, and there is a suggested donation of $5.00 per person. Non-members are welcome to attend for a suggested donation of $10.00.

Lectures & Seminars

Women, War, and Rape in Bosnia-Herzegovina—Lisa Wrenn, Director of the Peace Foundation WVCA Rape Crisis Center, will give a performance each Wednesday from 4:30 to 6:00 p.m. in Dabney Lounge. The performance is open to the community on a first-come, first-served basis. Food is free to come in early or leave late. The performance will be held on Wednesday, November 15, 1993, at 7:30 p.m. in the NU Club.

Ava/stretch: The Ofﬁce of International Student Programs (OSIP) will invite international students to join in conversation with the community. The event will be held in the Alice I. DuBose Center from 1:00 to 3:00 p.m. on November 18, 1993.

The California Tech Native American Club will present a lecture series on November 18, 1993, at 7:30 p.m. in the NU Club. The lecture series is open to the public and is free of charge.

The California Tech Gay/Lesbian/Bisexual Support Group meets on the third Thursday of each month in the Health Center Library. The California Tech Gay/Lesbian/Bisexual Support Group is open to all students, faculty, and staff. The group meets on the third Thursday of each month in the Health Center Library. The meeting is open to the public and is free of charge.

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