

Happy 22nd  
Birthday,  
Karen!

# THE TECH

CALIFORNIA

fin!

Volume XCIV, Number 20

Pasadena, California

March 12, 1993

## Carole Snow Discusses Class of '97 Composition

Chris Echols

Although no official statistics have been compiled, Dr. Carole Snow, Director of Admissions, enthusiastically revealed the following information about the newly admitted class of '97:

1904 applications were received, an increase from last year's 1772.

442 students were admitted, 71 fewer than last year. The Admissions Office is hoping to exceed last year's phenomenal matriculation rate.

Of the 442 admitted students, 129 are women. There were 130 admitted women last year, but the percentage of admitted women is significantly larger this year.

The number of admitted minority students jumped from last year's 33 to 45 for this year. In addition, the average SAT score of this year's minority student is higher than the average SAT score of Harvard's entire freshman class.

For the entire class of '97, Dr. Snow expects the average SAT score to exceed 1450.

Overall, Dr. Snow expressed the opinion that the class of '97 is an

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photo by Anoop Sinha

The reflection pond in front of Beckman Institute has been drained to remove tiles suffering from apparent water damage.

## Assistant V.P. Noda to Transfer to Mudd

Catherine Hafer

Jeanne Noda, Assistant Vice President of Student Affairs, will be leaving Caltech on June 1. She has accepted the position of Vice President and Dean of Students at Harvey Mudd College, in Claremont.

When asked about her decision, Ms. Noda said, "I feel ready for a different opportunity [after 8 years at Caltech]. . . I was looking for a chance to be more involved with students. Here, you're either in the Deans' Office seeing students all day, or you're in Student Affairs, making sure the whole show holds together. At Mudd, I'll be able to do some of both."

As Assistant Vice President of Student Affairs, Ms. Noda is responsible for overseeing most of the offices in Student Affairs. Gary Lorden, Vice President for Student Affairs, said, "I don't think most people realize what Jeanne does, because she's not in a highly visible position. She's really the pro, the expert, the one who makes things happen in Student Affairs. If we find someone [to take the position] who can do a fraction of what she does, we'll be lucky."

Dr. Lorden said, "I'm really happy for Jeanne because there's no way someone like her should stay in a number two position. . . She's had tremendous influence here. She's had two really important and difficult jobs at Tech, and she's been superb at both of them." Dr. Lorden

went on to say, "She has an amazing capacity to be a friend, not just with a few people, but with many, and that has shown in her work. She has a real talent for listening to every individual, and discerning what each person really needs. . . that kind of ability is rare. People can work a lifetime [in a position like hers] and never learn to do that."

Ms. Noda plans to return to campus for commencement. "Every year I see a few students graduate that I remember from when I was Dean. . . I'm always thrilled to see them graduate, to know they made it." Before assuming her current position, Ms. Noda served as the Assistant Dean of Students, from 1985-89. "This is my eighth year here. . . it will be good for someone with a new perspective to come into this job and take a fresh look at things. . . I'm really looking forward to an interesting experience [at Mudd], because I don't think there's another group of colleges in this country that has to work [as] closely together [as the 6 Claremont Colleges]."

Dr. Lorden said that the search for the next Assistant Vice President for Student Affairs will begin soon. The search committee will be announced early next term, and candidates for the position will be interviewed in late May. Dr. Lorden said that both undergraduate and graduate students will participate in the interviews for Ms. Noda's successor.

## Dean Kiewiet Discusses Student Affairs, Issues

John Haba

On Wednesday, John Haba conducted a short interview with Dean Kiewiet. John's questions (in italics) and Kiewiet's responses are below:

John Haba: *When you first accepted the position, what was your understanding of the role of Dean of Students here at Caltech, and has that understanding changed at all after your first few months at that position?*

Dean Kiewiet: Well, when you first step into the Dean's office, in a sense you're as clueless as every freshman that has ever set foot on campus. I mean you know what you're going to have to do, but you don't really have a sense of whether it's going to be easy or hard, or of how often you'll be doing some things. For example, one of the things that I worried about coming in, one of the things I knew the Dean did, was to intervene when students

were having a lot of problems with the way the instructor was doing things. And I figured that that would be kind of nasty and conflictual, but I just haven't found that to be the case. Students, when they come in, have been extremely constructive: They come in because they're anxious to make some positive changes. It's always been a positive set of suggestions that they've had; it's always been oriented toward "Help us get through the material," and not "Can you figure out a way to make it slack off a little." And on the professors' side too, I've been very happy that for the most part they've been very forthcoming, and try to accommodate concerns that the students have. Usually they just don't know the students have these concerns. There's so much of an informational vacuum that exists in classrooms, where the professor can be going along thinking that everything's just great, and it's not. Or they can do things inadvertently

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## Pinkham to Guest Conduct

Monica Hubbard

One of America's foremost choral composers, Dr. Daniel Pinkham, has been on campus the last three days preparing for a concert of his music tonight at 8:00 pm in Dabney Lounge.

Dr. Pinkham, presently on the faculty of the New England Conservatory of Music, is also director of the King's Chapel in Boston. The recipient of Fulbright and Ford Foundation Fellowships, Dr. Pinkham is a prolific and versatile composer. Named "composer of the Year for 1990" by the American Guild of Organists, he has written four symphonies, several cantatas and oratorios, concertos for organ, piano, piccolo, trumpet and violin; theatre works and chamber operas; electronic music; and twenty documentary television film scores.

At 4:00 pm he will be in Dabney Lounge to present a lecture on the

challenges of choosing and setting text to music. Everyone is welcome at this free lecture. Trader Joe's is providing free refreshments for the reception following the lecture.

Then, at 8:00 pm, Dr. Pinkham will lead the singers of the Caltech Women's Glee Club in a program of his own music which he selected for this concert. One of the songs is a premiere of three introits which he composed especially for the Women's Glee Club and sent to Monica Hubbard, Glee Club Director, as a gift. He has been rehearsing with the women since Wednesday, "fine tuning" the performance—providing a rare opportunity for the singers to know exactly what the composer intended!

Judith Montgomery, who has worked with Dr. Pinkham frequently on his West Coast appearances, will be the featured soprano soloist. Kathlyn Grabenstein will accompany.

It's not often we get to hear a

living composer discuss the creation of his own music and then direct its performance! Don't miss this opportunity. Lecture admission is free. Concert admission is \$5 for students (\$7 for general admission) and tickets are available at the door. A catered reception will also follow the concert. All are welcome.

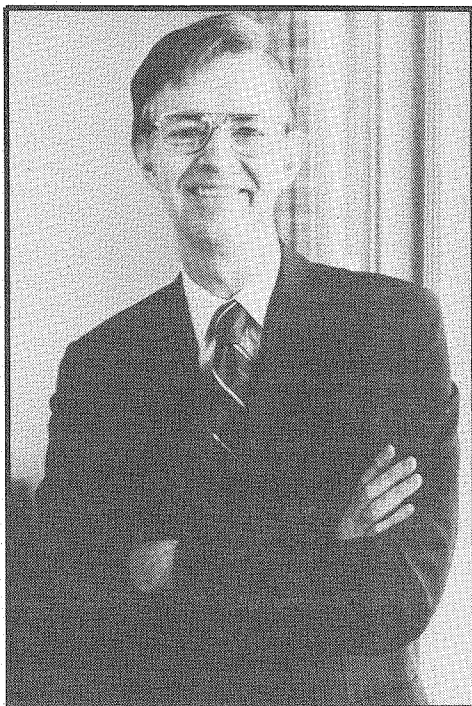


photo courtesy Caltech Women's Glee Club  
Composer & Conductor Dr. Daniel Pinkham

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## LETTERS

## Patty Renstrom

To the Editors,

A very big Thank You goes out to everyone who contributed to making the fund raiser such a great success. Over \$1,100 was raised in just two hours. The money will be deposited into the Living Trust Fund for Patty with our earnest hopes, warmest wishes, and deepest belief that she will get strength from our strength, take hope from our prayers and love, and be back on her feet soon. This was the first time I'd organized a bake sale (or any kind of fund raising event per se), and particularly wanted to thank Grace, Angela, Sue for all their guidance, Peggy for all her baker organizing, my fellow members of OpenLine for their help running the tables, and especially all the people/departments who gave prizes for the raffle or services for our event. Caltech has got some really great people here, and I know that if it's humanly possible, Patty will be coming back.

Gratitude,  
Glenn Wyne

myself. I would also like to explain to all of those who supported our attempts, as well as those who disagreed, why I have decided *not* to take the petition to the ASCIT BOD after all.

I see what happened with ASCIT elections this year in two ways. On a personal level, I feel that I was a victim of a system which was not well-prepared to handle the situation that arose. I will always feel that what happened to me was wrong—not the fact that I lost an election, but that the election process itself was faulty, and I had to pay for that fault in the end. On a broader level, I see that the many problems encountered by the Election Committee and the Executive Committee with this year's elections will force a reform of the election process. According to last week's *Tech* article by Catherine Hafer, as well as several BOD members, steps are being taken to rewrite the election bylaws. In light of everything that has happened, I am sure the changes will prevent the same problems of this year's elections from happening again, and will prevent future candidates from having the same experience I have had. For this reason, I see no need to continue fighting the current system.

I hope that any feelings of animosity towards me or the other authors of the petition are quelled. I realize that had we said nothing and protested not at all, we would have avoided any negative perception by others that has stemmed from our making a statement. I do not, how-

ever, regret being the instigator of much discussion, of many questions about the efficiency and effectiveness of the present system, and of plans to change a flawed system into one that will be fair for candidates and voters alike.

Sincerely,  
Jill Bush

## National Service

To the editors,

I write to challenge you to join me in a great American adventure - national service.

I make this challenge because our country and our communities need help that government alone cannot provide. Government can make vaccines available to children, but alone it cannot administer shots to them all. It can put more police on the streets, but it alone cannot stop crime. It can improve the quality of our public schools, but cannot alone inspire children to live up to their potential.

It is time for Americans of every background to work together to lift our country up, neighborhood by neighborhood and block by block. It is time to rediscover the excitement and idealism that makes us Americans.

That is what national service is all about.

Through national service, thousands will have the opportunity to pay for college by rebuilding their communities - serving as teachers,

police officers, health care workers, and in other capacities. But it will take time for these ideas to pass Congress, and time to implement them. We must start now.

That is why I have called for a Summer of Service - this summer. More than 1,000 young people will serve in selected areas around the country, learning to lead and getting children who are at risk ready for school.

There are many who believe that young Americans will not answer a call to action. They say that you are apathetic, and insist that you measure your success in the accumulation of material things. I know they are wrong, and I know that you will answer this challenge.

You can become an agent of renewal - either through the summer program or on your own. Write and tell me what you are doing, or what you want to do:

The White House  
National Service  
Washington, D.C. 20500

Your efforts and your energies can lift the spirits of our nation and inspire the world. Please answer the call.

Bill Clinton  
President of the United States

## Acknowledgments

We have put a great number of hours into this newspaper; we hope that you have enjoyed reading it over the past four terms. However, without many other people, our effort would not have been possible. We would like to take this space in our final issue to thank them:

Gypsy Achong, Mike Benedetti, Ned Bowden, Jill Bush, Jim Caron, Gavin Claypool, Kevin Du, Anne Dudzik, Christopher Dunn, Chris Echols, Jeff Goldsmith, John Grade, Catherine Hafer, John Haba, Stephen Heise, David W. Hogg, Karen Hong, Monwhea Jeng, Khurram Dastgir-Khan, Tod Kurt, Huy Le, Lieven Leroy, Matt Metz, Michael Radford, Rajan Ranga, Shane Sauby, Anoop Sinha, Steve Sobelman, Pablo Thienprasit, Jennifer Wright, Andrew Zug, Caltech Public Relations, Caltech Public Events.

Additionally, we would like to thank Hall Daily, our advisor, and finally, our parents.

We wish the new editors Mike Benedetti, Michael Radford, and Chris DuPuis the best of luck during their term as editors.

Rajesh "Q" Bilimoria  
& Michael Oder,  
the editors

continued from page 1

## '97 Class

exceptional class.

In order to increase the matriculation rate, this year the admissions staff began notifying admitted students by phone. They hope that this more personal approach will make Caltech more attractive to admitted students. Additionally, Caltech's admissions staff is three weeks ahead of our main competition, a factor which may also contribute to an increased matriculation rate. There are studies, according to Dr. Snow, which show that a student's first notification of admission is the one he is most likely to accept. Dr. Snow is also hoping that Pre-fresh Weekend will again be a success.

## Congratulations Barbara Green

Dr. Barbara Green, Associate Dean of Students, and her husband Dave Volckmann, became proud parents of a girl Hannah, on Sunday, March 7, 1993 at 9:48am. Hannah weighed in at 7lbs., 2 oz and 20 1/2 inches in length. Mother and child are doing fine. Barbara will be on maternity leave until the end of June; in the interim Connie Calderon, the Assistant Graduate Dean, will serve temporarily as Associate Dean of Students.

## THE CALIFORNIA TECH

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March 12, 1993

## EDITORS

Rajesh "Q" Bilimoria  
Michael Oder

## INSIDE WORLD EDITORS

Michael Benedetti  
Michael Radford

## CRIME BEAT EDITOR

Gypsy Achong

## WORLD NEWS EDITOR

Monwhea Jeng

## PHOTOGRAPHER

Anoop Sinha

## WRITERS

Mike Benedetti  
John Haba  
Catherine Hafer  
Monica Hubbard

## BUSINESS MANAGER

Khurram Dastgir-Khan

## CIRCULATION

John Grade

## THE CALIFORNIA TECH

Caltech • 40-58 SAC  
1201 East California Boulevard  
Pasadena, California 91125  
(818) 356-6154

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Letters and announcements are welcome. All contributions should include the author's name and phone number and the intended date of publication. The editors reserve the right to abridge and edit all submissions for literacy, expediency, or anything else.

Turn in copy (preferably on Macintosh 3.5 inch disk) to the *Tech* mailbox outside SAC room 40. E-Mail may be sent to editors@tech.caltech.edu. The deadline for copy is Wednesday at noon; for announcements, Tuesday at 5PM.

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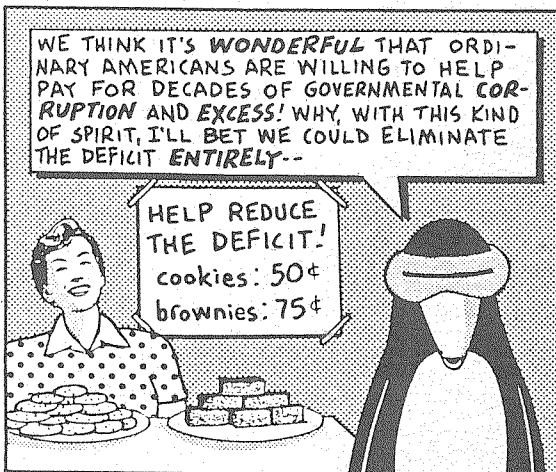
## Election Petition

To the Editors:

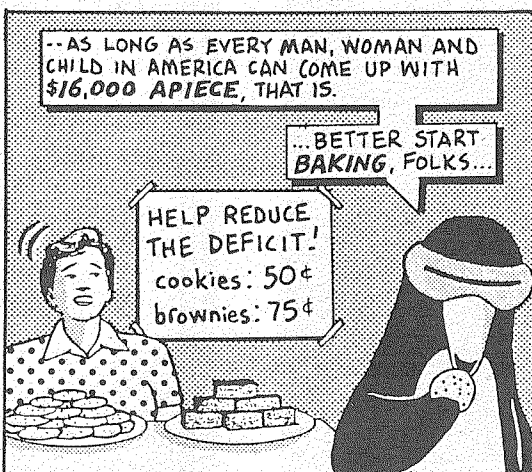
I would like to thank everyone who signed the petition written by Rob Rickenbrode, Karen Shih, and

THIS MODERN WORLD by TOM

A FEW WEEKS AGO, THIS CARTOON SUGGESTED THAT EVERY AMERICAN SHOULD DO *WHATEVER IT TAKES* TO HELP REDUCE THE DEFICIT...



WE WERE MAKING A LITTLE JOKE... BUT REALITY BEGAN TO SURPASS SATIRE WHEN LITTLE LARRY VILLELLA OF NORTH DAKOTA SENT THE PRESIDENT \$1,000 -- TO HELP PAY OFF THE DEFICIT...



## FRIDAY NIGHT ASCIT MOVIE

Francis Ford Coppola's

## Apocalypse Now

Baxter Lecture Hall at 7:30 and 10:00  
\$1.50 Ascit and \$2.00 non Ascit

## LAEMMILE THEATRES

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Miranda Richardson  
The Crying Game

Daily 5:00, 7:30, 9:50 p.m.  
Sat-Sun Bargain Matinee 2:30 p.m.

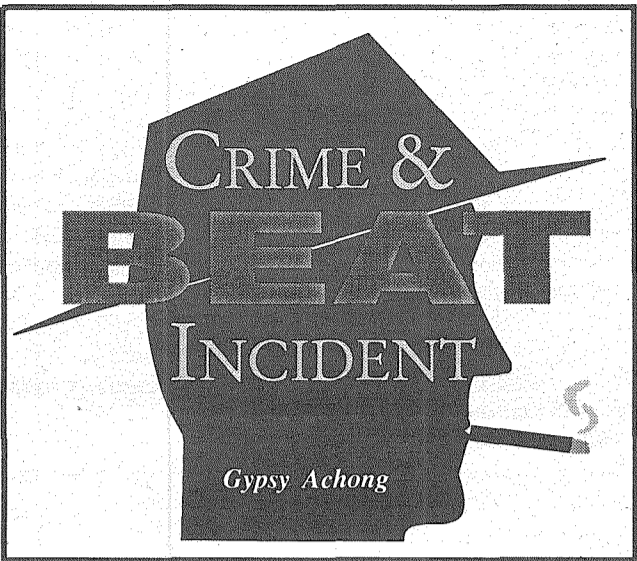
Saturday Midnight Show  
SATURDAY NIGHT FEVER

## COLORADO

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(818) 796-9704

Catherine Deneuve  
INDOCHINE

Daily 5:30, 8:30 p.m.  
Sat-Sun Bargain Matinee 2:00 p.m.



- (2-13/14) 10:00am-6:40pm West Wilson Parking Lot. The rear window of a pickup truck was removed and two speakers were stolen. \$180
- (2-14) 8:30-10:30am West Wilson Parking Lot. The rear passenger side window of a car was broken. Nothing was stolen although an empty Tower Records bag on the floor of the car may have been the cause of the break-in. Repair cost \$77
- (2-17) 9:00am Braun Graduate Housing. A white male entered the east entrance to Braun and became hostile when people questioned his presence there. He was last seen headed towards Chandler dining hall. Security did not find suspect after searching the area.
- (2-20/21) 6:00pm-2:00am Hill street north of San Pasqual. Two parked cars were observed with broken driver's side windows. Nothing was stolen.
- (2-22) 10:30-11:30pm West Wilson Parking Lot. Passenger side sliding window was forced open, but nothing was removed from the vehicle which contained several valuable items, since the car alarm probably scared the thief away.
- (2-23) 2:00am-7:30pm West Wilson Parking Lot. A white Toyota pickup truck was stolen. \$3000
- (2-24) 8:00am-5:30pm South Lura Parking Lot. The door lock of a pickup truck was forced and two stereo speakers were removed.
- (1-22/2-25) 5:00pm-10:00am A notebook size computer was removed from Booth Lab room 105g which has an electronic access lock. There were no signs of a forced entry. \$1987
- (2-26) 7:30am-4:45pm Tournament Park Parking Lot. The window of a car was broken and four dollars was stolen. \$4
- (3-1) 5:00-8:15pm Thomas/Spalding Parking Lot. A day planner was removed from an unlocked car. \$150
- (3-7) 11:20pm A hard disc drive and some connecting cable was removed from 304g Guggenheim Lab. The room was apparently open, inviting guests. \$2950
- (3-8) 1:30-5:33pm A bicycle was stolen from a hallway in the basement of the basement in BBB. \$360
- (3-9) 10:00am-7:40pm A bicycle which was chained and locked to a bike rack on the south side of Kerckhoff Lab disappeared. There were many incidents of random suspicious-looking people in several labs, around the undergraduate and graduate housing, and even in Millikan Library.
- The three week total: \$8708 (Sorry about the delay)

Egypt

26 people died when Egyptian authorities attack Islamic fundamentalists suspected of terrorism.

Germany

Far right-wing Nationalist German parties scored large victories in State elections in Hessen garnering 8% of the vote. The Greens increased their share to about 11%. The elections spelled a large setback for the Social Democrats and the Christian Democrats, the major parties in the country and may indicate a radicalization of German politics.

Italy

Operation Clean Hands, the year-long investigation of corruption in Italy continues. Former Prime Minister Bettino Craxi is accused of receiving bribes and illegal party contributions and other corruption charges. The president of the state energy conglomerate ENI was arrested on corruption charges. 2 dozen other public officials and business leaders were arrested last week. Most scandals involved building contractors making payoffs to political parties to get government contracts. One-fourth of the Italian Parliament is under investigation. Operation Clean Hands has already caused the resignation of 3 cabinet members and the leader of a small liberal party. The four largest cities (Rome, Naples, Turin and Milan) no longer have functioning municipal governments. The Italian parliament proposed a vote of no confidence in the current Prime Minister after he attempted to pardon many top officials accused of corruption.

Japan

Former Japanese Prime Minister Shin Kanemaru was arrested Saturday for tax evasion when it was discovered that he had \$50 million dollars in cash and bonds in his house. His son was later arrested after confessing to hiding another \$34 million dollars. Kanemaru resigned last year after it was discovered that he had taken \$4 million in illegal donations from sources affiliated with the Japanese mob. This is one part of a series of scandals which have damaged the reputation of the ruling Liberal Democratic Party. This scandal was different in that the illegal contributions were not used by various parties, but kept by individuals.

Mexico

Two weeks ago Mexican President Carlos Salinas de Gortari of the long-ruling Institutional Revolutionary Party (PRI) held a private dinner with about 30 leaders of Mexican business. The Mexican press reported that the business leaders were asked to contribute up to \$25 million each to the PRI. After public anger and attacks from opposition parties, the head of the PRI announced a \$333,000 limit on contributions to the party. For years,

opposition parties have been accusing the PRI of using to government to finance itself and rig elections.

Nicaragua

Anti-Sandinistas attacked the Nicaraguan embassy in San Jose, Costa Rica. They currently hold about 20 hostages, including the Nicaraguan ambassador.

Russia

Yeltsin and the conservative Russian Parliament continue to battle for power. Wednesday the Congress of People's Deputies drafted a law which would severely cut down Yeltsin's powers. Clinton and French President Mitterand met in Washington, as Mitterand prepared to visit Yeltsin in Moscow, and agreed that the industrialized world should increase economic aid to Russia.

United Kingdom

Two seventeen-year olds were sentenced for torturing and killing an old woman. This comes less than a month after two ten-year olds were accused of kidnapping and murdering a young child.

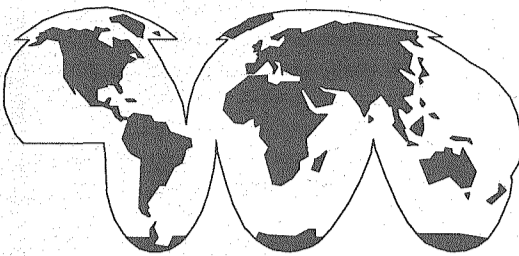
United States

Mohammed A. Salameh was arrested and charged with the bombing of the World Trade Center. It is suspected that the attack was associated with actions by a fundamentalist mosque in New Jersey headed by Sheik Omar

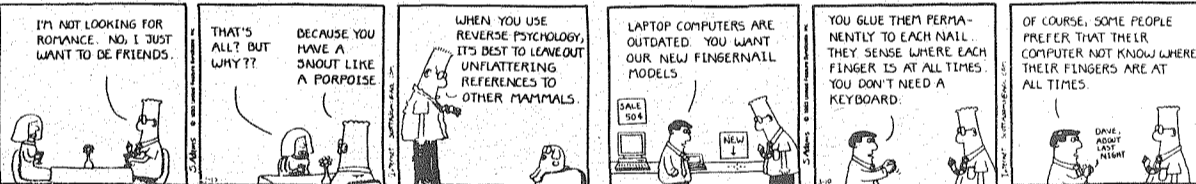
Abdul Rahman.

Rodney King testified on Wednesday and Thursday in the federal trial of four police officers accused of violating his civil rights.

# World News



by Monwhea Jeng



## The California Tech Has Paid Positions Available!

### Business Manager

In charge of the business affairs of the *Tech*, the Business Manager's primary concern is the paper's advertising. This position is appointed by the ASCIT Board of Directors. Sign up on the ASCIT Appointed Offices Sign-Up Sheet, posted on the east side of Winnett (north end). Interviewing will take place (real) early third term. Time commitment: lots. Call x6154 for more details.

### Circulation Staff

One or two students are needed to make sure people everywhere have a *Tech* to read on Friday. The on-campus circulation staff also picks up the newspaper from the printer, so a car (or access to same) is needed. Time commitment: about 3 hours each Friday. Call x6154 or write us at 40-58.

### Advertising Staff

Students interested in selling advertising space and earning commissions are invited to join the *Tech* advertising staff. Time commitment: very flexible - work as much or as little as you desire (however, the more you work, the more commissions you're likely to earn). Call x6154 or send a note to 40-58.

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### PARIAN TRAVEL

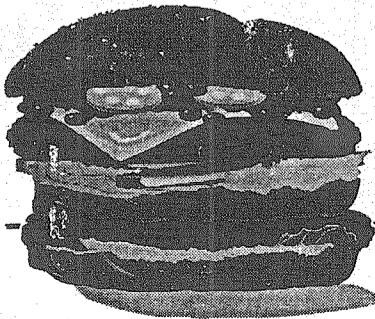
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# Minutes of the ASCIT BOD

March 9, 1993

Present : BOD minus Asif (10 min. late), Dave Derkits (Elections Committee), Mike Nassir, Eric Hackman (ASCIT Movies), Alison Slomp and Guillermo Castillo (Social Committee), Doug Rowland (Lloyd Social Team), Rob Rickenbrode

Meeting began at 10:33 PM

First order of business: Moeen inspires the new BOD with a speech; the gist of it was: make ASCIT a more visible body of student government on campus. Let's get out there and show our constituency that we're in office not just to do our job, but to start some waves, change a few things, and "make possible the forward progress of thought and action as undergraduate students."

Ewald suggests going to the Houses for dinner as a collective group once each week. The Board seems receptive to the idea. Since there are only a few more waited dinners left, the BOD decides to wait until next term.

Doug Rowland, Lloyd Social Team : Casino Night last weekend was a blast, but we lost all the Lloyd

Foundation money—can we have \$100 to start over? We promise that this will be the last hand. Anandi has \$100 and \$200 of her budget set aside each term for non-alcoholic and interhouse social events for each House, respectively; Lloyd collects on this.

ASCIT checks: If you have an outstanding check signed by the members of the past, ex-, obsolete BOD, chances are, it's not worth anything at the bank. Bring it back to us and we'll write you a good one.

Eric Hackman, ASCIT Movies: Midterm reports for 1st and 2nd terms are here. Give us our money. Ewald doesn't know who to write the check to and for how much...

Mike Nassir (on behalf of the editors) wants the BOD to OK a bonus for John Grade, the Tech Distributor. The bonus will come out of the Tech Budget. The BOD approves.

Social Committee : Anandi has planned a party for Pre-Frosh weekend to take place on Friday, the 16th of April on the lawn outside Winnett. She proposes to spend

\$750 on food and \$450 for a DJ from KROQ (who plays music on KROQ but is not really a KROQ personality). The \$750 will come out of her budget, \$450 from the BOD. The BOD gets antsy about spending \$450 for an outside DJ when Zeus is willing to do it for less. Since the Zeus plan was not discussed in the Social Committee meeting, Anandi will take that back to the Social Committee and come back later.

Gavin officially requests for approval of salaries for Tech Editors and Business Manager for the last few issues. The BOD officially recognizes his request and approves [of the salaries].

Budget Meeting : Tentatively scheduled for Sunday, April 25th at noon. Angie is assigned the task of making up the forms for ASCIT-sponsored clubs to fill out if they want money. Representatives from the clubs are to attend the budget meeting to ask for the money and to report on whether they did what they said they would do with the money last year. Angie will also work on getting a meeting room for this.

Gisela, Upper-class Director: People are bombarding her alleyways and her white board with phone calls and indecipherable messages each day; a personal line would be nice. So the truth is out,

she became Van Woman for the phone! Should we go with a personal line, or a campus extension, which would take weeks to get? Since we do want to perpetuate the line to future office holders, time is a small price to pay for the sense of continuity. She will look into getting an extension before the BOD decides on anything further.

It's official, the Donut Man has strawberry donuts : Lior will get two dozen for Friday morning.

Election procedure make-over : General consensus is to do away with 3-person runoffs and the cross-out system. Discussion centered around minimizing the amount of strategic voting.

Moeen talked to Dean Kiewiet about different voting schemes for the initial election. Approval voting: a voter has up to N votes for an election in which the number of candidates  $M > N$ , and he can give at most one vote to each candidate. Cumulative voting: a voter has the same number of votes as in approval voting, but can give weight to them by giving one candidate more than one vote.

Mike Nassir suggests a method used at Rice University: A voter is asked to rank the candidates one through N where  $N = \text{number of candidates}$ . During tabulation of the votes, N piles are made, each made up of the ballots which gave each candidate the highest rank. If there is no clear majority (defined elsewhere), the smallest pile is distributed among the remaining piles according to the next highest rank on the ballots. If again there is no clear majority, the next smallest pile is distributed, until there is a clear majority. In effect, the voter is voting in subsequent runoff elections by ranking the candidates in one single election. No further elections are required. When voting, the voter is asked to consider who her/his first choice is, and if that first choice receives the least number of votes and is knocked off the ballot, who would be next...etc.

Another suggestion makes use of the current system but requires the final runoff to have, at most, two candidates and gives each voter one single vote in all elections. Three elections, at most, are needed in this system. Strategic voting is at a minimum.

Discrepancies in voter registration : there is an outstanding pro-

continued on page 5

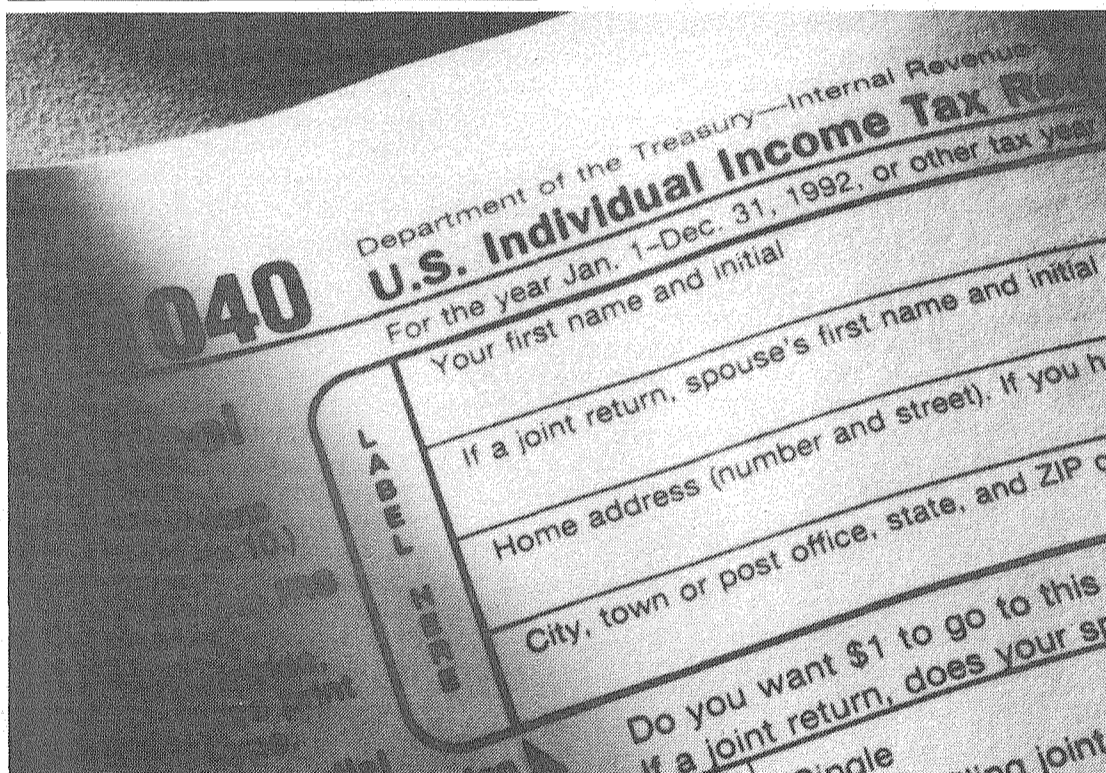
## ASCIT Sign-Ups

Sign-ups for the following ASCIT appointed offices are now open:

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Sign-ups are posted on the East side of Winnett. The appointments will take place early next term.

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continued from page 1

## Kiewiet Interview

that impact negatively on the students. And one of the problems of the quarter system, and I don't know if "problem" is the right word to use here, is that because the system features such short terms it is difficult to make a mid-course correction. By the time you figure out something's not happening in a course you're about two-thirds done. Hopefully, if nothing else, you can get things fixed before the next term starts. Of course, you can make some adjustments as you're going, but that is one of the problems of having short terms. So that is something that I feared would be a lot nastier part of the job.

Certainly one of the things I underestimated was [the workload]. I knew I'd be busy, but I underestimated the workload fairly dramatically. I feel it's helping me identify with Caltech students, though. Most days I feel like I'm as busy as they are.

JH: What do you find are the most pressing issues regarding student affairs here?

DK: To me, the most pressing issue is quality of instruction. If I had to say there was an issue I'd really like to work on, it's really to try to improve that. And that's hard to do. I think the fact that the Academic Policies committee is doing a review of the core curriculum right now is helpful, but we have to get that review done and in place before we can get some things going. There's a lot of things I'd like to do just to try and improve the overall quality of instruction. That's my issue and I just don't get to spend as much time as I'd like on it because there's a hundred other things that go on.

Among some set of students, the most pressing issues are things like Interhouse, and what's going on with the hazing policy. Again these are things that I feel like I have to deal with, but that's not my agenda. That's not what I'm here to do. I really want to do what I can for the Caltech students, to make their ex-

perience here in the classroom a lot better.

JH: Have you found any issues to be extremely problematic?

DK: Well, obviously whenever as an administrator you have to say "no", there's a problem because people hate to hear "no". And Tech students are no different than anybody else on these things. Unfortunately, there's no way around it. At certain points, matters come up when students want things like Interhouse or other things where you look at it and the answer has to be "no". And that's a tough thing, because students here aren't used to hearing "no". Nobody likes to hear it, and that just comes with the territory it seems to me.

JH: Some students have publicly raised concerns over your views on the Honor System, going even so far as to surmise you're trying to dismantle it. What are your views on the Honor Code?

DK: One thing these students might do is talk to Mike [Brundage] or Dan [Milward], who are the chairman and secretary of the Board of Control, and I think Mike or Dan could straighten them out on that. You know, one of the defining characteristics of Caltech is the Honor Code. It makes life around here a lot more civilized than it would otherwise be. I mean one could imagine what it would be like to have proctored exams and all the other garbage that I had when I was back at a state university. I lived in a place that did not have an Honor Code, where frankly cheating was commonplace. You know that's the experience of large numbers of people who have been outside of Caltech.

So that's painful when I hear that there's suspicion that I don't believe in the Honor Code, and all I can say is to worry about something else. I'm trying to figure out where people have got this idea. From what I can surmise, I had discussions in the Houses where the subject of the Honor Code comes up in the context of DAPAC, hazing statutes, fire codes... and what I've tried to impress students there with is the fact

that the Honor Code is nothing that's going to get you off the hook with outside authorities if you get in trouble with them. Like when the Dabney guys get in trouble with the fire department, they can talk about the Honor Code all they want, but it wouldn't cut much mustard with the firemen. Nor will the federal government be too happy if we don't have the drug and alcohol policy. These statutes, and federal guidelines and regulations make no provision for the existence of an honor code, and we can't say "Oh, we don't have to pay attention to these things because we have an honor code." The two have to coexist.

I understand why students are upset, because a federally mandated guideline which says "do this" or "don't do that" clearly doesn't feel like the Honor Code at all. But it's just another unavoidable fact of life these days. And so I'm very anxious because I don't want students to get into trouble. The Dabney guys have had a rough time of it, and there isn't much you can do once that happens. So I have been anxious, especially after the Dabney bonfire incident, to impress on people the fact that they really do have to acknowledge the existence of all of these things, and that the existence of the Honor Code won't allow you to ignore these things. Sorry, but that's the way it is.

I think it's the fact these statutes are so contrary to the feel and spirit of the Honor Code that is bothering students more than the actual amount of conduct regulated.

JH: Some students feel that the administration has become overly litigation-conscious, and tends to over-regulate student activities. Do you feel this opinion has any justification?

DK: Well, I don't want to regulate student activities, that's the last thing I want to do. When I've said some things like "I don't want to be a party scientist," which students take some glee in throwing back, what that means is that I don't want to be involved in planning parties. Kim does a lot of that and I'm more than happy to let her continue to do that. The regulation of student life is just about the last thing I want to get involved in. And in fact I think if you asked anybody who had anything to do with Apache, I had nothing to do with Apache this year. How about the Playboy channel debate in Lloyd. I

heard about it. I had no role in that. I feel like, I only need to get involved in the regulation of student conduct when I feel that there is a good chance that it can lead to things, which the rest of the world considers illegal, basically. I don't want people to get into trouble...

What happens is that when people are asked why is there no Interhouse, or why can't we bind hands and blindfold for Mt. Wilson, what I almost always say is that they are illegal or that there is a potential liability problem, I say that because it is true, but the fact is that Caltech's history on this is, I think, quite favorable in comparison to other places like this. I don't think that we've been racked by a wave of litigation... So why do I say this?... I was a teenager once, I was in college, and if a Dean had told me your not going to have Interhouse... then when they asked why and you say it's for your own good, so you don't get hurt or so you won't get into trouble, it often occurred to me that students would find that

patronizing. So I've often cited the liability and legality problems, as a defense, as a reason for policies.

My greater concern is, obviously, that students don't end up in the hospital or in trouble, but I just feel uncomfortable saying "I'm doing something you don't like for your own good and when you grow up you'll appreciate it." The problem I've created with that is the sense that we're jumping around worrying about lawyers coming up out of the woodwork. On the other hand, students should realize that when they do get out of Caltech, it's pretty bad out there. If I had thought through my responses I could have done a lot better job, but I feel uncomfortable telling somebody, "I'm doing this for your own good". It seems like it would rub the wrong way...

Caltech is hard enough without spending time in the hospital or worrying about being called in for questioning... It's hard enough without those distractions.

## YNEWSYNEWSYNEWS

Katy Quinn

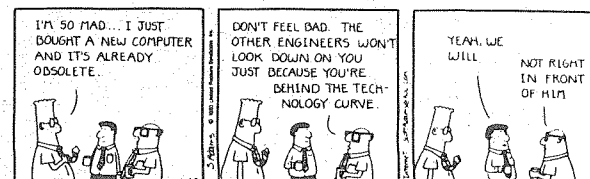
Nothing much to report in the Y News this week, except for the BIGGEST, FUNNEST, FACE-STUFFINGEST WEEKEND OF THE TERM!!! Yes that's right boys and girls, the friendly folks at the Caltech Y want you to forget your finals week trouble and woe and come on out to Decompression, starting at 7:30pm Saturday and Sunday (bring your own plate and cup to help cut down on waste). The entertainment at this term's Decompression is a comedian on Saturday night (I forget exactly who) and back by popular demand is Group Twister on Sunday night, along with movies as always.

For those people who volunteered to help at Decompression, please check your mail box for your final assignment which may not be the same as the one you signed up for. Not everyone can do fruit on Saturday night! Yours truly will be stationed at the barbecue (meat! grrrr!) and I'm offering two hamburgers at once to anyone who volunteers for Group Twister. This is a limited time offer and the management, me, reserves the right to restrict this offer to anyone I feel like, this offer may be canceled at any time.

On to more serious things, on the weekend of the 27-28th of March there will be a volunteer trip to Tijuana. If you are interested contact the Y for more information.

The Caltech Y is open Monday to Friday, 9am to 5pm, and is located on the second floor of the Winnett Student Center. Look for our green flag across from the Red Door Cafe. x6163.

DILBERT® by Scott Adams



continued from page 4

## ASCIT

positional that states one of the conditions for validating an election; if the discrepancy between the number of ballots cast and the number of voters registered is less than 1% of the total number of correctly cast votes, then the election cannot be declared invalid on the basis of the discrepancy. In the last runoff election, the discrepancy was 1 (someone in Page decided to keep their name as a souvenir); over 400 votes were cast, therefore, the election would still be considered valid under the new proposed bylaw change. The Presidential runoff, however, since the discrepancy was more than 1% of the number of correctly cast votes, would have been declared invalid.

Gavin proposes moving up elections or somehow shortening the transition-lame duck-period so that the new BOD would not be taking over during finals week, after almost 8 or 9 weeks of elections. The BOD thinks it's reasonable.

David Derkits suggests having an Election Procedure Manual made up for future Election Committees once all procedures have passed. There would be a reference to the Manual somewhere in the resolutions to validate it.

Final decision: two proposals will be drawn over Spring Break to be presented at the next BOD meeting. One, incorporating preferential voting (such as the one used at Rice University) into our system, and another, using one voter-one vote, two-person runoff as its basis. Asif and Moeen will work on these. Meeting adjourned 1:30 AM

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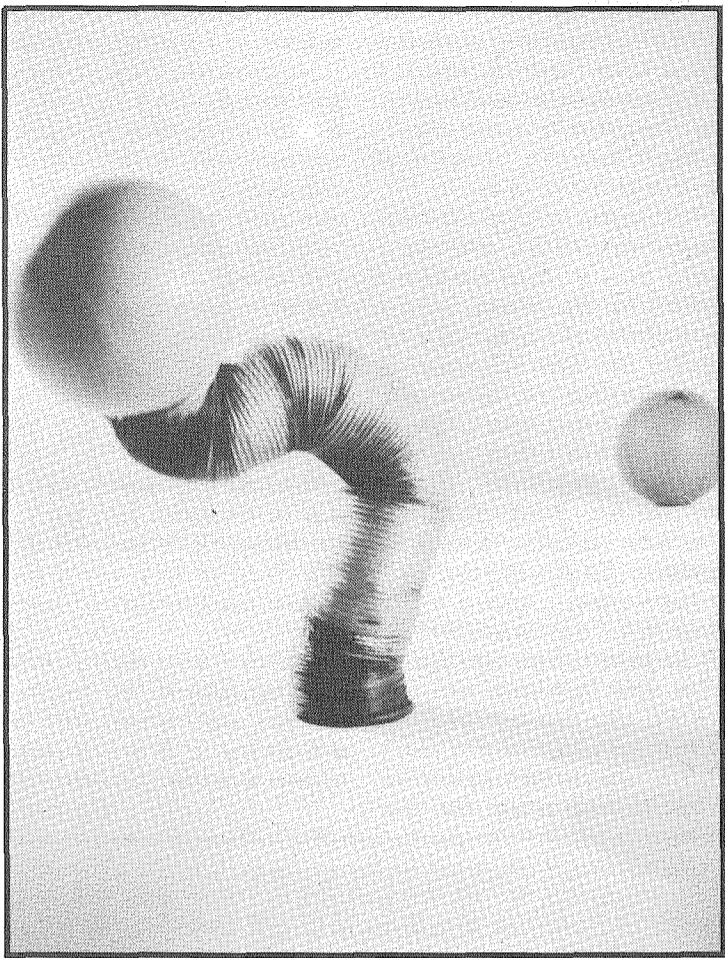


photo courtesy of Caltech Public Events

Mummenschanz, the Swiss masked mime troupe, will perform at 8pm on Saturday in Beckman Auditorium. Although the trio known as "Mummenschanz" presented its first program in 1972, the origins of their performances date back to 1969, when Bernie Schurch and Andres Bossard staged their first show together. Originally the two Swiss mimes combined spoken dialogue with mask sketches to create fantastic and humorous effects, but upon meeting Floriana Frassetto, they dropped all spoken items to overcome the language barrier. From that point onward, their programs relied solely upon mime and mask, and became "Mummenschanz". For ticket information call x4652.

## Bridge Without Sam

Jeff Goldsmith

### Hopeful

*He is hopeless, hopeless, client sleeping through the midnight Swiss.*

—Paraphrased and stolen from Paul Simon

Playing with an inexperienced partner who fancies himself an expert, I watched in some amusement as he found himself with a difficult decision playing IMP pairs.

♠ AJ10973  
♥ KQ72  
♦ J9  
♣ K

♠ Q  
♥ A10  
♦ KQ8543  
♣ 10987

N	E
W	S

East	South	West	North
1♠	Pass	2♥	2NT
4♥	Pass	Pass	Pass

2NT suggested a possible save in either minor, but due to the great disparity in the suits and the possibly that the final contract might be 4♣, a 3♦ bid is a lot better. Regardless, partner gets high marks for enterprise. Many other players would be cowed by the opponents' strong auction. 2NT at least has the benefit that if the worst befalls, we have two possible suits in which to play, but if I were to bid 3♣ and get viciously doubled, would he be willing to stay there? Should he? Fortunately, that decision did not come to pass.

Partner found the lead of the ♠Q, sensible because if we are to beat this, I shall need to have a quick entry or two and he has the trump Ace. Declarer won the first trick in hand and immediately led a small trump, which our hero correctly grabbed with the Ace. What now?

In a strong partnership, at least one of my cards to the first two tricks would be suit preference and would suggest to partner the location of my entry. At matchpoints, holding declarer to ten tricks might well be a good score. Woe—on this hand, partner was not watching my cards, but fortunately, we were playing IMPs so he had a strong clue to the correct play.

Declarer, when he gets in, will have six spade tricks, three heart tricks, and at least one ruff for ten tricks. Any tricks that we shall get must be got right away. If my card is the ♠A, then we shall take two aces and a ruff, but we shall not beat the contract. If, however, I have the ♦A with not more than three of them, we have four tricks and beat the contract. So, it must be right to try to get a plus score and continue diamonds. In real life, I held ♦A10x and four small clubs, so a diamond shift creates down one. Nice lead, partner!

The story has an unhappy ending, though. Partner "was afraid to underlead his diamond honors," though I was truly worried at the table that he had underled his ♠A! Unlucky, partner, to find singleton King in the dummy.

The Caltech Bridge Club meets every Monday night at 7:15 in Winnett Lounge. Everybody is welcome; call Jeff Goldsmith at x2818 for details.

### Jim's Journal

Last night I was washing my face in the sink.



When I was done I didn't feel like moving or drying my face off.



I just let the water drip off my face for a while.



### by Jim's Journal

Today Tony was watching Jeopardy and eating some hot dogs.



Mr. Peterson was standing on his hind legs in front of Tony.



He put some ketchup on his finger and Mr. Peterson licked it off.



"Hey," Tony yelled. "Mr. Peterson likes ketchup. I can't believe this crazy cat!"



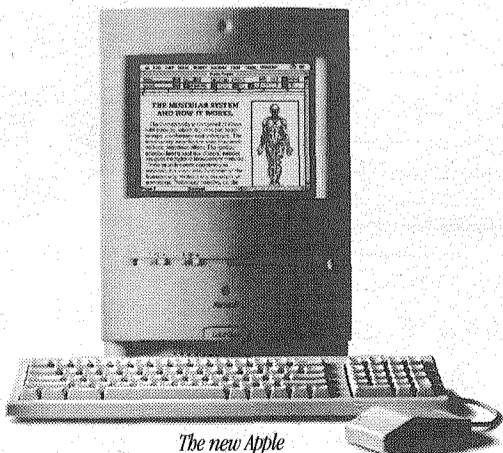
### by Jim

"Hey," Tony yelled. "Mr. Peterson likes ketchup. I can't believe this crazy cat!"

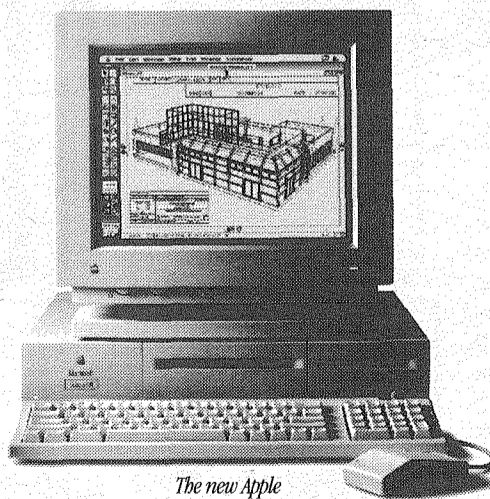


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Tabula Rasa Not Worth the Money

Mike Benedetti

Einstürzende Neubauten's new album *Tabula Rasa* is puzzling in many ways. The original masters of miscellaneous metal merriment mix NIN-ish basslines with the sound of a jackhammer, drift from songs of love to wails of despair, and seem to be selling out completely when a sixty second pulsating tone makes you check your CD player for damage. Is *Tabula Rasa* worth your sixteen bucks? I have no idea. At most, I can review the songs, and let you decide.

The first song, "Die Interimsliebenden", should be subtitled "A Tribute to Trent Reznor." It starts off well enough, with a thin wailing from front man Blixa Bargeld, but then decays into a mildly funky exercise in techno-industrial thumping. Nothing more needs to be said.

Track two, "Zebulon," is perhaps the most puzzling song on the album. The theme of "Zebulon" is...love. Not betrayal, not domination, not obsession, but love. If there is some hidden irony here, I am unable to detect it.

"Blume", the next number, is awful. Bargeld mumbles flower names in German as guest vocalist Anita Lane lisps inane stanzas of free verse. In the background, Marc Chung's bass creates a dreamy, pretentious world where Alexander Hacke's normally disturbing guitar ripples like a pool of sugar water.

After the first three tracks, I was ready to throw *Tabula Rasa* in the garbage. EN had obviously decided to sell out. The band had made bad albums in the past (2X4, for example), but at least they'd been bad in an interesting way.

Just as I reached to turn off the CD player, a crashing, buzzing, clanking noise tumbled from the speakers. The ghost of "Die Elektrik (Merle)" floated into the room and motioned for me to move away from the CD player. As I did so, the Bad Boys of Bridge Bashing proceeded with "12305(te) Nacht." Electronic whines, pounding bass, and random crashes brought back fond memories of *Drawings of O.T.* It was old territory, but after the first three tracks it seemed almost innovative.

The next song, "Sie", isn't very interesting musically, and has horrible lyrics. In contrast, "Wueste", the following song, combines a droning string section with scattered ocean sounds to form EN's best song of the desert since their cover of Nancy Sinatra's "Sand." Lyrically, "Wueste" is a standout.

The last song "Headcleaner" is a 15 minute summary of EN in four sections. While "Headcleaner" is not as good as a

lot of EN's work, it remains a wonderfully ambitious and creative attempt at greatness. It is proof positive that EN are still committed to being challenging and weird.

"Headcleaner" starts off with everything going for it. There is powerful percussion, screeching guitar feedback, and some sort of sabre saw. Bargeld's vocals scream messages of fascism and mind control. A distorted voice whispers im-

ages of fear and oppression. Bargeld belts out a perverse version of the Beatles' "All You Need is Love" (no fooling), followed by the aforementioned sixty second tone. Blixa leaps back into his ranting.

TABULA RASA! HEADCLEANER! The song shifts into a dreamy description of a post-apocalyptic world, ending in the same sort of whisper in which the album began.

*Tabula Rasa* is half good, half bad. If you aren't a fan of EN, this is not the album to make you one. If however, you

are a fan of those wacky Germans, I can recommend *Tabula Rasa* with reservations.

About a week after writing this review, I listened to EN's *Kollaps*. As I sat and listened to this classic Neubauten, I realized that *Tabula Rasa* is poor. Don't buy it. Buy *Kollaps*, buy one of the Strategies Against Architecture compilations, even buy something from Whitney Houston, just DON'T BUY *Tabula Rasa*. Just a little word of advice from me to you—MB.

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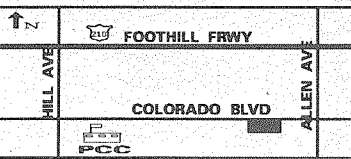
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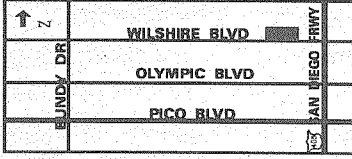
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FAX: (310) 575-3831

## WHAT GOES ON

## NOTICES

**Patti Renstrom** - Donations for Patti Renstrom's living trust fund are still needed. Checks can be made out and mailed directly to the trustee of the fund: Ann Rossi, Trustee, 301 Encina Hall, Stanford University, Stanford, CA 94305

**Meeting Caltech Velo** - The Caltech Bicycle Club Thursday, March 18, 8 p.m., Winnett Lounge. The club organizes all types of rides, both road and off-road rides, for all skill levels, from novice to advanced including collegiate racing. All cyclists are welcome. There is an easy to moderate road ride Thursday at 1 p.m. in front of Winnett. For more information, contact Michael Kantner at x4882 or E-mail to kantner@hot.caltech.edu

**Golfing Club Meeting and Tournament** - The next meeting of the Caltech Golfing Club will be on Wed., April 7 at 5:15 pm in Winnett clubroom #1. Light refreshments will be provided. Our spring tournament will open on the weekend of April 3-4. The event is very informal, and is open to members and nonmembers of any skill level. For more information about either event, please contact Bob Blake at x6576, MC 114-58.

**Poetry Sought for Book** - General poetry is being accepted for the Western Poetry Association's 1993 poetry book entitled "Poetry: An American Heritage." Poets are invited to send one or two original poems of 30 lines or less on any subject. Poems with a point of view or statement are preferred. Please make copies of your poetry. WPA will not return submissions. Mail submissions to Western Poetry Association, P.O. Box 49225, Colorado Springs, CO 80949-9445. There is no reading fee.

## EVENTS AND SERVICES

**Caltech Y ExComm Meeting** - The Y invites anyone who wishes to cosponsor an event to attend on the first or third Monday of each month.

**Caltech/MIT Enterprise Forum** - Tuesday, March 16 - Dinner, Chandler room 5:30 to 6:45pm; presentation, Baxter, 7-9pm. Case presentation by David Adishian, president, Sequoia Controls Co., Ltd. Panel discussion and audience questions will follow. To register call x3916.

**Prevent a Library Extinction!** - The Pasadena Public Library is facing a major funding crisis, which has already drastically curtailed service and may lead to closure of all branch libraries this year. The Library Director, Ed Sznayka, will give a lunchtime talk at noon, Friday, March 12, in the Winnett Lounge, discussing the problem and a task force's recommendations for new funding sources, including a proposal to put a special assessment on the ballot. Bring a lunch and discuss whether Pasadena will remain the "best-read city" in the country. For more information contact Craig Steele, steele@vlsi, x4840.

**Friday Prayer** - Prayers organized by Caltech Muslim Students are held in the Caltech Y lounge at 12:30 pm every Friday.

**Caltech Hillel/Jewish Community Weekly Meeting** - An informal gathering, every Thursday at noon in the Y lounge. For information call Caty Konigsberg at (213)259-2959

**Mass** - Thursday at 8:15 in the Y lounge and Sunday at 10 am in Winnett lounge. Sacrament of Reconciliation (confession) is given 20 minutes before masses. Refreshments are served after mass.

**Bible Study and Discussion** - Every Wednesday at noon in the Y lounge. Bring your own lunch. For more information call Mike Gerfen at 356-4886.

**Gay, Lesbian, Bisexual Support Group** - Meets the first and third Tuesdays at 7:30 pm in the Health Center Lounge. This confidential meeting is open to all Caltech community members looking for a supportive context in which to address questions and concerns about sexual orientation - including coming out, being out, self-discovery, coping with families.... We begin with a focus topic but move to whatever is feeling most relevant to the group that night. Refreshments are served. For information, please call x8331.

**Preschool Playgroup** - Meets on Tuesday, Mar 16 in the Caltech Villa Apartments from 10 am to noon providing structured activities for mothers and fathers and their children. For more information call Valerie Murray, 287.8960.

**Women's International Friendship Group** - All women for foreign countries are warmly invited. Children will be supervised. Sponsored by the Caltech Women's Club. Monday, March 15 at 9:30 am. For more information call Susan Dimotakis at 794-2594 or Kay Corwin at 447-1081.

**Adult Children of Alcoholics** - A 12-step group which meets on campus every Tuesday, from 12 noon to 1 pm, in Y club room 2. The group is open to any student, staff or member of the faculty who grew up with family alcoholism and other problems. For more information call Dinah Lee Schaller at x2961.

**Open Line** - Open Line meets every Tuesday in the Y lounge upstairs during lunch, between 11:30 and 1:00. Topics discussed include developing a youth center for ages 5-12 for tutoring services, activities and cultural development for the children of Caltech students, staff and faculty, developing a multicultural book for the understanding of all nationalities, traditions and customs. Open to all of the Caltech community.

**The CIT-KNIT Group** meets at noon on Tuesdays in the Benioff Conference Room (Rm. 256 S. Mudd). For all levels of knitters. Come and join us.

**Baby Furniture Pool** - The Caltech Service League loans out baby furniture to students and postdocs on Wednesday at 324 S. Chester from 10 to 11 am. For more information call 952.1631.

## ENTERTAINMENT

**Living Composer - Live Music!** - The Caltech Women's Glee Club will present a concert at 8pm tonight featuring the choral music of Daniel Pinkham conducted by the composer. Dr. Pinkham will also give a lecture this afternoon at 4pm on the challenges of choosing texts and setting them to music. Both the 4pm lecture and the 8pm concert are in Dabney Lounge and there will be a reception following each event. Concert tickets are \$5 for students and \$7 for everyone else and will be available at the door. Don't miss this rare opportunity to watch a nationally recognized composer conduct his own music!

**Miamon Miller and Friends** - Music for your dancing and listening pleasure begins at 9:15 following the dance class, 7:30 to 9:10, in Dabney Lounge on Tuesday, March 23. Sponsored by the Caltech Folkdancers. No admission charge, but donations are accepted. Everyone is welcome. For more information call Claudia Immerzeel at 567-1197 or Nancy Milligan at 797-5157.

**Djo-Gbe Dance Company** - This West African dance performance also features Lazare Houetin and his live drummers. In Dabney Lounge, Saturday, March 27 at 2 pm. Admission is free.

**Norwegian Heritage Faire** - Boutiques, Demonstrations of Norwegian cooking and handicrafts, heritage display, entertainment, and Norwegian refreshments for sale. Saturday, March 27 from 11 to 5. Admission is \$2 with children under 12 free. 4011 La Crescenta Ave, La Crescenta. For information call 244.7620.

**Mendelssohn String Quartet** - The program for this Coleman Chamber Music Concert will feature Mendelssohn's Adante and Scherzo, Op. 81; Rorem's Quartet, No. 3; and Dvorak's Quartet in G Major, Op. 106. Beckman Auditorium, Sunday, March 28 at 3:30pm. Admission \$21, \$18, \$15, and \$12; students-\$4 off. For more information call x4652.

**The Pasadena Folkdance Co-op** offers beginning and intermediate instruction every Friday at 7:45 pm in Throop Unitarian Church on the corner of Los Robles and Del Mar. A program of varied international dances follows the instruction at 9:00 and continues until 11:00. Wear soft-soled shoes. A contribution of \$1.50 is requested.

**International Folk Dancing** - Tuesday nights in the Dabney Lounge. Beginning instruction starts at 7:30 pm; intermediate at 8:00 pm and open dancing takes place from 9:00 until midnight. Donations are accepted. For more information call Mike McKenna at (310) 692.0366.

**Israeli Folk Dancing** - Sundays in Winnett lounge. Beginning instruction starts at 7:30 pm, intermediate at 8:00 and open dancing goes on from 8:30 to 10:30. For information call Nancy Macmillan at 795.3655. Admission is \$2.00.

**Scottish Country Dancing** - On Wednesdays in Dabney Lounge from 8 until 10 pm. Beginners are welcome and no partners are needed. For more information call David Hills at 354.8741.

**Music with James Boykl** - Pianist James Boykl gives a performance each Wednesday from 4:30 to 6 pm in Dabney Lounge. The performance is open to the public and free of charge. Feel free to come late or leave early. For more information call x6353.

## LECTURES AND SEMINARS

**"Trouble in the Fortress: Immigration, Race and the New Europe"** - presented by Jane Kramer, staff writer for the *New Yorker*. In Judy Library on Monday, March 15 at 4pm. Refreshments will be served.

**Cooperation Not Conflict** - Come hear someone who's wise, witty and helpful! Learn while laughing, how to set limits, establish order with your child, convert whining time into quality time! The seminar will be run by Cynthia Whitham, LCSW and author of "Winning the Whining War and Other Skirmishes: a family peace plan." Child care is available for \$5 per child at the Caltech Children's Center. 7pm Wednesday, Mar 17 in Winnett Lounge.

**"Race Redistricting and Political Power in L.A. and Pasadena"** - presented by Dr. Bruce E. Cain, Assoc. Director, Institute of Government Studies, UC Berkeley. Thursday, March 18 at 4 pm in the Judy Library. Refreshments will be served.

**Skeptical Society Lecture: "Can Science Solve Social Problems? A Skeptical Investigation of Social, Political and Economic Claims."** - Professor Jay Snelson, Institute for Human Progress. Admission is \$8 for nonmembers, \$5 for members, free for the Caltech community. For more information call 794-3119.

## SCHOLARSHIPS, INTERNSHIPS &amp; COMPETITIONS

**Study in Korea this summer!** This program is open to all international students who want to spend 6 weeks in Korea taking courses from many varied humanity and social science classes offered at Yonsei University, which is located in Seoul. Optional week-long field trip to Korea's historical sites and major tourist attraction is also available at additional cost. The total cost ranges from \$1350 to \$2400 depending on the contents of your option. Applications can be obtained from Henry Choi, (x6078, Mailbox 390) By the way, the program begins on June 26.

**Planetary Society - College Fellowship Awards** - Undergraduates majoring in science or engineering may apply for one of up to five grants of up to \$1,000 each. Each applicant must be a member of the planetary Society or be nominated by a member. Fellowships will be awarded on the basis of scholastic achievement, commitment to a career in engineering or a planetary-related science, and a 2,500 word essay on a relevant topic. **Mars Institute Student Contest** - All high school and college students are eligible to enter the Mars Institute Student Contest. The prize is \$500 and an all-expense paid trip to a Mars-related conference, awarded to the best essay on the years designated topic. This year's topic asks students to discuss the possibility that spacecraft landing and moving about on the surface of the planet Mars could contaminate the surface or atmosphere of that planet, and to propose procedures to prevent it from occurring. Entries to these programs must be received by the Planetary Society no later than May 17. Additional information and application forms may be obtained by writing: The Planetary Society, Scholarships Department, 65 N. Catalina Ave., Pasadena, CA 91106.

**Master-Program - Information Networking Institute of Carnegie-Mellon University.** Brochures and Information about the Bellcore Graduate Study Program (GSP) are available in the Career Development Center, 8 Parsons-Gates, x6361. This is a company sponsored program where students receive tuition, fees and a stipend and will work for Bellcore during the summer.

**"Global Leaders of Tomorrow" Essay Contest** - The Sunkyoung group of Korea is offering awards of \$5,000 and a one week trip to Korea to each of the top essays in the areas of science, government/law and business. The contest is open to registered undergraduate and graduate students. Contest guidelines are available in the Career Development Center. Entries must be postmarked by March 24.

For Details on the the following five announcements contact the Career Development Center, 08 Parsons-Gates, Ext. 6361.

**The National Black Association, Inc.**, a non-profit organization of minority MBA professionals, is pleased to announce that in 1993 they will be distributing a minimum of twenty \$3,000 scholarship awards. To qualify, applicants must complete the application and return postmarked no later than March 27, 1993. Applications are in the Career Development Center.

**The Los Angeles Acturial Club** announces a \$1000 Acturial Award. Send a self-addressed, stamped envelope to: Los Angeles Acturial Club, c/o Mr. Eddie Tong, ASA Living Benefits Pricing, T-420 Transamerican Life Companies, P.O. Box 2101, Los Angeles, CA 90051-0101. Information is also available in the Career Development Center.

**Malin Space Science Systems** has opportunities for grad students in GPS to participate in the operation of the Mars Observer Camera (MOC) in San Diego between September '93 and September '94.

**RAND** will be sponsoring interns in a wide range of academic disciplines in its Graduate Student Intern Program this year. They are looking for applications from students who have completed 2-3 years in Ph.D. study and are interested in the analysis of public policy problems.

**National Institute of Health** is seeking Juniors and Seniors who would like to spend Fall 1993 at the NIH Bethesda, MD biomedical research program.

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

Applications for the **ASME Student Assistance Program** are now available. Applications must be postmarked no later than March 31, 1993.

The **American Scandinavian Foundation** of Los Angeles will distribute five \$1,000 scholarships in 1993 to upper division and graduate students with a demonstrated interest in Scandinavia. Applicants must have strong academic qualifications and must show financial need. Two letters of recommendation, a transcript and the completed application are due by March 15, 1993.

**American Electroplaters and Surface Finishers Society (AESF)** is offering scholarships for the 1993-94 academic year to students of at least junior standing. Awards are not necessarily based on financial need. Field of study for this scholarship is in chemistry and/or the engineering sciences. The application and all requested information and documentation must be postmarked by April 15, 1993.

For information on the following scholarships please contact the individuals listed at the end of each scholarship.

The **Jewish Community Scholarship Fund** is providing scholarships designed to assist Jewish students who are legal residents of Southern California, pursuing post high school training or education on a full-time basis, and able to document significant financial need. Forms may be obtained from the Jewish Vocational Service, Room 303, 6505 Wilshire Blvd., Los Angeles, CA 90048, or call (213) 655-8910. Deadline for submission of completed applications is April 1.

The **Jewish Family and Children's Services** announces the availability of financial support for Jewish individuals and their families. Students may apply for aid by mailing the questionnaire to the JFCS office or calling Ted Schrieber at 415 561 1226 to receive an application. There are no deadlines and student's may apply throughout the year.

**MPC Summer Research Scholarships 1993** - Advanced materials research and educational programs require the collective talents and expertise of a broad spectrum of disciplines: chemistry; physics; mathematics; chemical, electrical, and mechanical engineering; computer science; as well as materials science and engineering. The Materials Processing Center at MIT seeks undergraduates from any of these disciplines who would like to experience and contribute to advanced materials processing through their summer research program. Participants will work with faculty and staff on current projects. The program is open to students entering their Junior or Senior years in September 1993. Selection is based on an applicant's academic standing and faculty recommendations. The ten-week (June 6 - August 13) program award includes \$3,500, round-trip travel expenses and MIT summer housing and meal plan. For information and an application contact Mrs. Frances Page, Room 12-007, MIT, Cambridge, MA 02139; (617) 253-3217; fax (617) 258-6900. Application deadline is March 15.

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