The California Tech
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NASA Administrator Visits California

By Ross Brown

The Chief Administrator of NASA, Daniel S. Goldin, spoke to interested students at Occidental College in the Alumni Auditorium. Concurrently, he became a member of the House Subcommittee on Technology, Environment and Aviation, introduced Goldin. He gave a talk entitled "NASA, Its Future, and Public Service in Science". Dan Goldin is the ninth NASA administrator, appointed in April, 1992. He has been advocating the view of a "faster, better, cheaper" attitude for space program development.

Occidental was only one of many stops that Goldin will make while he is in California. He also spoke at McDonald-Douglas, and other universities around the area. The event was specially attended, which contributed to the community spirit of the talk. There was a question and answer period afterward, then a hurried exit to the next talk location.

Goldin talked about the changes in NASA's policy over the course of the past few decades. He discussed the Apollo program, mentioning the Moon landing in 1969. He then talked about the political decisions made at the time, including the Apollo program.

One of Goldin's important points throughout the talk was that America was losing its competitive advantage in the space race. He illustrated this point with the example of the space shuttle, which was not built on time and under budget. He talked about the politics surrounding the selection and appropriation of funds for space programs.

Goldin also told us of his experience as a career officer in the Air Force. He talked about the loss of the Challenger and how that affected the space program. He also mentioned the political decisions made at the time of the Challenger disaster.

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Dean's LOA Workshop

A workshop on "Taking a Leave of Absence" will be offered to all students on April 6, 1994 at 4:00 pm in Winnert Center, Club Room 1. Commonly asked questions such as "Will taking a leave hurt my chances for graduate school/landing a job? What do I have to do to take a leave?" will be addressed. Two students who have taken leaves and returned to Caltech will discuss their experiences. Representatives from the Dean of Students Office, the Career Development Center and the Student Counseling Services will participate.

Glee Club Festival

On Saturday March 5, the combined Caltech Glee Club performed in the 65th annual concert, "Tunes from the Pacific Southwest Intercollegiate Choral Association (PSWICA)." The concert was held between 8:00 pm and 10:30 pm in the Samuelson Auditorium. The concert was attended by over 1000 people.

One of the benefits of the Glee Club is that students can become more involved in the community. The Glee Club is a great opportunity for students to meet new people and to perform music of their choice. By random draw the order of schools is determined, which contributes to the excitement of the event.

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Caltech's Minorities Gain Recognition

An outstanding editorial feature of last term was the series of articles by Edray Goins on the history of Caltech's underrepresented minorities.

Mr. Goins has been an indefatigable researcher of this topic for two years. He has uncovered a great deal of detail about African-Americans, among other groups, at the Institute.

When I came to Caltech as a full professor in 1960 and began teaching African history and politics, I was appalled at the lack of black tenured professors, and the small number of African-American undergraduates and graduate students.

President Everhart has tried to increase the numbers of African-Americans at Caltech. One goal is that we have an African-American woman on the Board of Trustees.

Thanks to Tom Everhart, Morgan Kousser, and Doug Flaming, among others, we do well on Martin Luther King Day. I've been fortunate to be able to bring a number of Africans to Caltech who have obtained graduate degrees. But the number of African-American undergrads and the lack of tenured faculty can no longer be answered with a smug attitude in some quarters: "If an African-American genius knocks down our doors, we will certainly let him in."

When I took Joe Rhodes Caltech's first African-American student body President, to South Africa many years ago in the dark days of apartheid, he commented at a number of universities on inferior conditions for blacks. But he found the position of black students and faculty in the best universities was far ahead of Caltech.

Edray Goins' thoughtful series of articles raises many questions. Mr. Goins and the Tech have spotlighted problems! Now let us have action.

Cordially,

Ned Munger
Professor Emeritus

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**Letters to the Editor**

**Dear Question Man,**

If you want to see the California Institute of Technology, and decided to pick a fresh man huuuuse at random, what would be the inside of the pot at the center of the courtyard after a particularly rowdy evening?

**Dear Yogurt Man,**

If a tree falls in the forest and nobody is around, does it make a sound?

**Dear Question Man,**

Blacker.

**Dear Yogurt Man,**

I was really looking forward to hear some of my fellow graduates speak, now I'm sure I'll even go.

**Dear Question Man,**

Of course the line is "Oo, oo; ooh, aah aah; ting, tang; walla walla bang bang; oo; oo; oah, aah; ting tang walla bang bang."

**Dear Yogurt Man,**

It is appropriate for Dr. Mettler to be asked to speak. He has done a lot by all accounts, less than inspiring.

**Dear Question Man,**

The following is a true story. There's a theory on campus that Mr. Goins and the Tech have spotted problems! Now let us have action.

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Kamikaze Duck Flatulence: A Social Commentary

by J. Random HercFrosh III and Lauren

Let's begin by introducing the objective of this column. It will hopefully be a semi-regular column designed to address the question, "Why are you all flaming idiots?"

Point One: Accept without proof that you are, in fact, all flaming idiots.

Point Two: Never question Point One.

Point Three: The authors are always right, even when they are amiss.

Point Four: Never question Point Three.

Point Five: This column is written with the express purpose of inciting thought, not riot. To this end, the views expressed herein are inevitably extreme and do not necessarily represent the opinions, thoughts, or positions of the authors, editors, Caltech, or any sentient being alive today.

Point Six: Never question Point Five.

Point Seven: Above all else, never, ever, forget Point Five.

Point Eight: Please don't kill us.

Without any further ado, let us introduce Today's Target: political correctness.

Our first point of contention with political correctness is this: the term that we are expected to use are simply plain ridiculous. Take, for example, disabled. Disabled "progressed" (we put quotes because we don't believe it's progress) to handicapped, which "regressed" to challenged and finally settled (for now) on differently-abled. However differently they're "abled," than normal people, and in the real world we have a word for people who lack certain fundamental abilities (right, mental faculties, etc.). We call them disabled. And disabled was never meant to be an insult.

Admittedly, some labels are damaging, hurtful, or insulting. And these expressions should be avoided in polite conversation, or any conversation, for that matter. The problem with the PC movement is that all labels are instantly assumed to be offensive. Most labels are in no way meant to be offensive, but rather are meant to simply define a group of people.

Many of us, as ridiculous as they might be, really only serve to mildly annoy us. We can live with a bunch of flaming idiots spouting our nonsense. The true offense comes when they try to force us to use these words too. Though it is not technically a violation of free speech, since we can still say whatever we want in most environments, it has come to our attention that here are certain institutions in this glorious nation of ours who seek to limit this inalienable right.

There exist schools which, seeking to appease the PC faction, have instituted speech codes. These codes dictate which expressions are inappropriate or unacceptable. But they don't stop them. They also establish guidelines for disciplinary action should a member of the institution violate the code. As we said before, this is not illegal, but it's also not a good idea, especially in an institute of learning. If one is not allowed to say whatever he (or she) wants to say while such guidelines may have succeeded in protecting individuals feelings, they have done so at the cost of the truth. And one of the most compelling truths that has fallen victim to these codes is that people hate each other.

The whole of the PC movement is based on the idea of not insulting anyone. But sometimes we want to insult people! We personally have a lot of people, a "right" we hold very dear. In some cases, this hatred is not justified; it's completely inadmissible. But we have a right to have our culture and our beliefs which generations without cause is precisely what the PC movement seeks to deny.

We demand the right to hate people for no good reason, and to express this hatred using whatever descriptive labels we so desire. It can be argued that this is an example of simple political correctness, but using politically correct euphemisms, it is possible to communicate any idea effectively. We concede this point. As J. Random HercFrosh III reminds us, "we can argue better with our opponents if we are willing to use language which both people can understand."

Author's Note: If you are not among those who enjoy politics and believe that certain groups of people have the right to be offended by it. I believe that if there are attitudes that were held by members of the house in the very distant past that Miss Brown feels bad about, she shouldnt characterize, treat, or punish the current members as if those views are ours. In addition, I feel that at the very least, the authors should have alerted interested people (namely ME) and members as if those views are ours.

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Welcome to the first Caltech Environmental Task Force (CETF) news page. The CETF page will address environmental issues and concerns from the campus level to the State level. We hope this page will serve as both a forum for environmental discussion and as an informative resource. In the future, this page will become a regular weekly feature in The Tech.

We wish to foster communication among Caltech students and faculty and to promote the involvement of the Caltech community in our immediate and global environments.

To this end, we invite all of you, faculty, staff, and students, to write in with your environmental comments and questions. We will do our best to provide accurate and timely responses. Please write in! We need your involvement.

Our addresses are via email: cetfirs@cco.caltech.edu, or campus mail: CETF, MC 251-18.

CETF meets every Monday, from 12 noon to 1 pm in the Physical Plant (110 Baxter Hall). Our next meeting is Monday, April 4.

The Caltech Environmental Task Force (CETF) is a volunteer campus organization that works with Caltech to promote sound environmental policy.

CETF has been at Caltech since the spring of 1990; the charter purpose of the group was to initiate local environmental issues and to promote sound environmental practice on campus. However, the group's main function has historically been the maintenance of the recycling program, initially established in the early 1980's by Dr. Judy Cohen.

This past fall, at the urging of CETF, Caltech established a campus Materials Institute to institute white paper recycling program, and Physical Plant has now taken over the operation of the campus recycling program. In the future, the Physical Plant and Custodial Services are in the process of implementing a cardboard recycling program, and a list of cardboard recycling sites follows.

Now that the recycling program is run on an institutional level, and it well managed by Custodial Services, CETF hopes to focus its efforts in various other directions. We will continue to provide the extended use of resources on both individual and administrative levels, and hope to enhance awareness of environmental issues in all areas are consistent with sound environmental policy.

We will also commit some of our efforts to the larger Pasadena community's environmental awareness of both regional and global issues.

Many campus issues that are as yet unresolved include glass, can, and newspaper recycling, water and energy conservation, proper disposal of all hazardous wastes, and how Caltech can work with the larger Pasadena community to provide a clean and healthy environment.

On the educational front, before you are now reading, we are also working on a World Wide Web home page (see section below), and we hope to organize regular lectures and discussion forums which will address many campus, local, and global environmental issues.

CETF will also promote involvement in local environmental activities around Southern California. Some of the following include the upcoming "eco-producers" exhibition at the Los Angeles Convention Center, and involvement in natural habitat restoration projects.

WHERE IS THE CETF RECYCLING CENTER?

The Caltech Recycling Center is located on the north end of the parking lot behind Beckman Auditorium. The recycling center accepts glass (green, brown and clear), paper, plastic bags, PETE plastic, cardboard, and white paper. Please do not leave your garbage at the recycling center.

There is a good deal of construction going on in the area just south of the recycling center — don't let this deter you from coming! To access the recycling center by car, you can turn east off of Michigan Avenue and drive straight up to it.

In the next year, the recycling center will move to a new location on Holliston Avenue. This move is not likely to take place anytime soon, though, and Physical Plant and CETF will keep you posted when the move does occur.

WHERE ARE THE CARDBOARD RECYCLING SITES?

There are currently six cardboard recycling sites around campus:

• At the main recycling center, • Alles, • Near the Arms loading dock, • Behind the Caltech Book Store, • Beckman Behavioural Biology Building.

What's Planned for Earth Day?

This year Caltech will celebrate Earth Day on Friday, April 15. The "real" Earth Day is April 21, and most of the general public will celebrate Earth Day on the following Friday, April 22. We decided to have the Earth Day a week in advance so that we would be able to celebrate Earth Day TWICE at Caltech, and once at other LA area events. In addition to the fun and games of preceding years, we hope to increase our emphasis on informative tables. We hope people will stop by, ask questions, and get involved.

We hope to have informative tables from various on-campus organizations and outside groups, including Heal the Bay, Greenpeace, Simpson Paper Company (including samples of 100% post-consumer recycled paper), the Sierra Club, and the United Nations.

We will also have a CETF information desk in the main (I) location that effects all of Southern California, the proposed nuclear waste dump at Ward Valley, CA. Ward Valley is above the Colorado River basin, our water aquifer.

The fun, games, and free Earth Day cake will remain as from years past. Clyde, the steel-drum player from Old Town Pasadena, will provide entertainment.

April 1, 1994

THE CALTECH ENVIRONMENTAL TASK FORCE NEWS PAGE

On that graph, Arts IS able to ensure high quality colored paper from plain colored paper. Some of the concerns with this project are to recyc•

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Awarded to students in computer science, or to students in other options who are likely to choose a career in computer programming. Awards are made without regard to financial need.

**Juniors: Scholarship Program**  
$2500 Scholarship for Junior Year

**Seniors: Fellowship Program**  
$6000 Summer Internship  
$5000 Scholarship for Senior Year

**Seniors: Scholarship Program**  
$5000 Scholarship for Senior Year  
$2500 Scholarship for Senior Year

APPLY THROUGH CALTECH FINANCIAL AID OFFICE

**Application Deadline: April 11, 1994**

**Past Green Hills Scholars**

**Class of 1994**  
Siddhartha Agarwal  
Wendy Belluomini  
Peter Carlin  
Andrew Lines

**Class of 1995**  
Gregory Davis  
Tom Zavisca

**Class of 1990**  
Vivian Chow  
Ed Lee  
Charlotte Manly  
Dave Proctor

**Class of 1991**  
Marc Abel  
Wendell Hicken  
Yun Fong Loh  
Kevin Luster  
Eric Newman

**Class of 1992**  
Jim Hu  
Jeff Jones  
Ed Lew  
Dong Lin  
Jay Obernolte  
Chris Rosin

**Class of 1993**  
Bo Adler  
Gregory Dudey  
Dave Krider  
Brady Montz  
Jared Smith  
Yair Zadik
UNFORTUNATELY, THIS IS WHERE PEOPLE ARE PUTTING TOO MANY RETIREMENT DOLLARS.

Every year, a lot of people make a huge mistake on their taxes. They don't take advantage of tax deferral and wind up sending Uncle Sam money they could be saving for retirement.

Fortunately, that's a mistake you can make in before-tax dollars, you pay less for the benefit now from tax deferred. Call our SRA hotline 1-800-842-2733, ext. 8016.

Ensuring the future for those who shape it.

PRINCIPLES OF SOUND RETIREMENT INVESTING

THE EXACT NATURE OF THE UNIVERSE & GOD

A Study of Surface Mechanics

By Joel Webb

Available at: House of Fiction and Ample Non-Fiction, 663 E. Colorado Blvd

CLASSIFIED ADS

SUMMER EMPLOYMENT--

Summer Observers - There are several positions open for summer employment at the Big Bear Solar Observatory. The job involves solar telescope operation, film processing, electronics work, computer programming, etc. Free housing at Big Bear is provided, and cooking facilities are available. Some astronomy, physics, computer science, or electronics would be useful. Applications are available in 264 West Bridge, or can be obtained by calling x4011. -- Programming and data analysis positions on campus may also be available.

HELP WANTED--

Technical Editor/Editor wanted with major in Communication, Journalism, English or related technical papers. Contact AIR: International (818) 791-0899.

Y.E.S.S. '94 -- Head Counselor and Program Counselor positions for the Young Engineering and Science Scholars Program (Y.E.S.S.) are available for Summer '94. Y.E.S.S. is a five-week residential program that exposes 40 high school students to the history of innovative scientific investigation. The program runs from July 10th to August 5th. Applications are available in the Vice President for Student Affairs Office and are due on Madison, April 11th. Contact Adriana 45021 for more information.

RATES ... $4.00 for first 30 words, 10¢ for each additional word. Send written ad with payment to 40-50. Deadline is 9m., Monday before issue. No change for on-campus ads & found.

MOVING SALE! Oceanic bird ($100), big black & white wire-striped couch ($200) with matching overnights ($150), oak wooden coffee table ($40), breasted wood side table and end table ($40), woman's 6-speed mountain bike ($100), table lamp ($35), 50's style kitchen table with chairs ($200). Call before April 4th (818) 795-5737.
across the Whitewater management. In a press release and conference on March 24, JPL released a photo and information about the first moon of asteroid 243 Ida, which was discovered last weekend.

The photo, taken by Galileo as the spacecraft flew past Ida last August 28th, was not transmitted to Earth until recently because the spacecraft is sending data back at a very slow rate. The high-gain antenna got stuck when it was being deployed, forcing the use of the low-gain antenna, which can only transmit data at a slow rate because it is small.

According to team scientists at Jet Propulsion Laboratory, the image together with the data from the near-infrared mapping spectrometer are the first conclusive proof that natural satellites of asteroids exist. Even so, many pieces of information on the newly found moon, when it came from, how it came to be orbiting Ida and the details of that orbit, are still unclear.

Many were surprised that a moon was found so soon; they expected that it would not be so common. From the photo, team scientists estimate the natural satellite is about 1.5 km (1 mile, by old measurement) across in this view, and appears to be at a distance of 100 km (60 miles), plus or minus 50 km (30 miles), from Ida’s center. The position will be more accurately determined as new data comes in from the probe recorders and analyzed. Ida itself is 56 by 24 by 21 (35 by 13 miles) in size.

As of right now, the Galileo team members do not know the specific orbital parameters of the moon, which can inform that Ida’s mass. Combined with measurements of Ida’s size and and volume that can tell scientists the asteroid density, offering more clues as to what it is made of.

The data from Galileo’s near-infrared mapping spectrometer—which scans objects at a variety of wavelengths to reveal their chemical composition—suggests that Ida’s moon is made more or less from the same kind of material as Ida, silicate rocks. More information on the object’s composition will become available as color pictures and more detailed data from the spectrometer are transmitted to Earth over the next few months.

Galileo scientists believe the moon may have been created at the same time as Ida — when an older, larger asteroid was shattered in a collision with another asteroid, giving birth to dozens of smaller asteroids.

It is thought Ida and its moon were formed more recently than the birth of the solar system some 4.5 billion years ago.

Galileo scientists also believe that it is virtually impossible that the moon is a “captured object,” something created completely separately from Ida that happened to wander near the asteroid and be caught by its stronger gravity field. According to celestial mechanics, such an event would defist the smaller object’s trajectory, but would not be captured into orbit unless a third force slowed it down.

“Once we have determined the object’s orbit, we can estimate time scales and make better guesses as to where it came from,” said Johnson. The presence of the moon will provide new insight into the formation of Ida’s size and volume that can tell scientists the asteroid density, offering more clues as to what it is made of.

The name of the moon is currently “1993 (243) 1” (pretty boring, huh!)—which will be changed by the International Astronomical Union later to something a little more fitting.

The Bad: CBO Releases NASA Budget Options The Congressional Budget Office released a report on NASA budget options, and it does not look good for the space program. In the report, the CBO (economists and budget officials) laid out three options for NASA:

US

Two Marymount College students, Takuma Ito and Go Matsuzuru, were killed last weekend. The United States quickly attempted to counter charges made by media that LA and the United States is a “gun-infested danger zone.”

Mexico

A second suspect has been found in connection with the assassination of the Mexican presidential candidate Luis Donaldo Colosio last week. This suspect is believed to be a security guard who may have aided the gunman accused of the slaying. The guard, Tranquilo Sanchez Venegas, is now under questioning.

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1. Kill almost all space science missions (Hubble, Galileo, Cassini, Pluto Fast Flyby) and continue with all other operations.
2. Cut Shuttle operations to 3-4 missions per year, abandon Space Station Alpha, but keep the space science.
3. Cancel Alpha and the Shuttle completely. Cut 4 billion from the NASA budget, down to 10 billion. Close Johnson Space Center in Houston, Lewis Center in California, and possible others. Work on technology development for US industry, continue as a science and aeronautics agency.

The existence of this report does not mean that Congress will necessarily listen to them, but there are rumblings on the hill that indicate that it will consider the proposal seriously. Combined with the recent “anti-pox” campaigns aimed against science projects last year, NASA is sure to have a tough time getting money for future projects in the future.

The Ugly: Search For Martian Fossils is Studied by NASA

A scientist at Ames Research see CSS, page 11

US

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In a telephone conversation with the Japanese Prime Minister, Mochio Hosokawa, President Clinton voiced his regrets about the matter. California governor Wilson is advocating that the death penalty be imposed on criminals who kill during a carjacking.

President Clinton stated on March 24 that he was not involved in the Whitewater management. He will release his 1977, 1978, and 1979 tax returns to prove his word.

Mexico

A second suspect has been found in connection with the assassination of the Mexican presidential candidate Luis Donaldo Colosio last week. This suspect is believed to be a security guard who may have aided the gunman accused of the slaying. The guard, Tranquilo Sanchez Venegas, is now under questioning. He was seen near both the gun and Colosio right before the assassinations.

Former cabinet member Ernesto Zedillo is named as the new presidential nominee of the slain Colosio’s party. However, he doesn’t have his party’s unconditional support.

South Africa

Violence broke out in Johannesburg on Monday. It left in its wake twenty dead and many others wounded. The violence erupted when thousands of Zulu nationalists protested South Africa’s first all-race elections in the central business district.

Italy

Silvio Berlusconi, a rightist, appears to be the frontrunner for Prime Minister. Berlusconi’s right-wing forces lead in the government elections. The centrist rule has long held Italy, but if the left-wing forces take over, there could be a breakthrough in the peace process.

Japan

The Japanese Cabinet approved an economic plan that still leaves many US demands unsatisfied. The US is expected to exert more pressure on Japan to open its market.

Ukraine

Preliminary election results show there is a heavy emphasis on eastern Ukraine and Crimea want more autonomy from Kiev and closer economic ties with Russia.

Israel

Six more Palestinian supporters of PLO chairman Yasser Arafat were killed in Israeli authorities. This recent clashing comes right before what negotiators for both sides predict will be a breakthrough in the peace process.

Turkey

Negotiators will resume peace talks after the sudden halt caused by the October 1-800-FINDS NU, (in Illinois, call 708-491-5250, or fax (708-491-5660) or mail this coupon to Summer Session ‘94, 2115 North Campus Drive, Suite 162, Evanston, Illinois 60208-2650, for your free copy of the Summer Session ‘94 catalog (available in March).

Call 1-800-FINDS NU, (in Illinois, call 708-491-5250, or fax (708-491-5660) or mail this coupon to Summer Session ‘94, 2115 North Campus Drive, Suite 162, Evanston, Illinois 60208-2650, for your free copy of the Summer Session ‘94 catalog (available in March).

Send the catalog to O my home O my school.

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SAT

Are you thinking about applying to Law, Med, Business or Graduate School?
Are you curious about how you will score on the LSAT, MCAT, GMAT or GRE?
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to reserve your seat!

KAPLAN
The answer to the test question.
The weekly Board of Directors meetings is from 5:45 to 7:45 PM, Wednesday at 7:30 PM for the remainder of the year.

The IHC Chairman has resigned his position for personal reasons. A special election will be held to elect a new IHC Chairman. See the related article in the Tech for more details.

Sign-ups for appointed offices close at 5:00 PM on Wednesday, 6 April. See the related article in the Tech for more details.

Chris Bryant, the Vice President/BoC Chair, has drafted a proposal to separate the BoC from ASCIT. Copies of this proposal have been posted in each House. Chris would like you to come to the Tech to see the proposal, then to fill out a nomination form to run for a position on the Tech.

The Outstanding ASCIT Secretary at Large Award is given to the best member at large. The ASCIT Secretary at Large is looking for undergraduates interested in serving on the ASCIT Secretary at Large. The ASCIT Secretary at Large will work on the ASCIT office and follow the directions of the Tech Social Directors. The Tech Social Directors are open to students who turn in a nomination form by 7:00 PM on Wednesday, 6 April, or Secretary ASCIT, 6x200, or MSC 124.

Yay Sippel has been appointed as the Executive Committee Chairman.

Fara Ho, Director for Academic Affairs, is looking for undergraduates interested in serving on the ASCIT Education Policies Committee (EPC). The EPC will assist the Director in academic issues and will work on the CLUE. If you are interested or would like more information, contact Fara at 683-205 or ASCIT, 6x206, or MSC 217.

Sign-up at the end of the year for the position of EPC Chairman to be appointed by the ASCIT Secretary at Large.

The CLUE Committee Chairman has officially resigned, and the position will remain vacant until a special election can be held. Nominations for the position will be sent to those who have signed up to run for the position. Questions should be directed to ASCIT Secretary, adkerr@ccc, x4-1042, or Secretary, ASCIT, 64-58.

The IHC Chairman Special Election Soon.

The IHC Chairman has officially resigned his position for personal reasons. As established in the bylaws, the ASCIT Executive Committee will appoint a temporary replacement until a special election can be held. The election process will proceed as follows. Nominations for the office of IHC Chairman will open on Monday, 4 April 1994 and close on the following Tuesday, 12 April, at 5:00 PM. If you are interested in running for this office, please print your name on the nominations sheet posted on the east side of Winniet (outside the MOSH's office) and follow the directions. It is strongly recommended that every nominee submit a campaign statement to the Tech. The submission deadline is 5:00 PM on Wednesday, 13 April. The special election will be held on Monday, 18 April. Questions regarding the special election should be directed to the ASCIT Secretary at adkerr@ccc, x4-1042, or Secretary, ASCIT, 64-58.

Offices for Social Committee Open.

There are two spots open for the ASCIT Executive Social Committee. Interested parties should stop by the Tech to register. The Tech includes work with the House Social Directors and the ASCIT Social Director for the planning of campus wide social events.

The California Tech
Editorial:
Avery Center Honor Code

Lately on the newsgroups, there has been some discussion concerning the honor code and Avery Center. Michael Brundage has brought up the point that the honor code would be very difficult to administer the honor system. After all, how are we to apply an undergraduate rule to the faculty and graduate students with whom we will be co-existing? Should we toss over the social aspects of the honor code? Sure! That is, with the stipulation that the honor code was created for convenience. After all, it would be very convenient to toss out the honor code at will.

But I honestly don't believe that is why the honor code was brought. I imagine the "founding fathers" of Caltech, as one of their main motives for creating the honor code, wanted to create a school not of just scientists, but thinkers with ethics.

Why is the honor code here? When I applied to Caltech, I remember being told by faculty that the honor code was created for convenience. After all, scientists, and you think the "acting chancellor" did the same thing. He might save you a lot of trou­ble. (However, don't apply for third term.

Cherish Bauer

FROSH RULES GO IN EFFECT
AFTER SPRING RECESS

The Fresmen Rules, drawn up by the Sophomores, and approved by the Board of Council will be effective after spring recess. The freshmen, in order to qualify for membership in the faculty and the graduate student body, and in order to maintain their status as members of the faculty and the graduate student body, must meet the requirements of the Fremen Rules. The rules are as follows:

1. Freshmen must not, under any circum­stances, refer to themselves as "freshmen." Freshmen shall be referred to only as "new students." Freshmen shall not be allowed to wear the white shirt and black pants uniform. Freshmen shall not be allowed to wear the white shirt and black pants uniform. Freshmen shall not be allowed to wear the white shirt and black pants uniform. Freshmen shall not be allowed to wear the white shirt and black pants uniform. Freshmen shall not be allowed to wear the white shirt and black pants uniform. Freshmen shall not be allowed to wear the white shirt and black pants uniform. Freshmen shall not be allowed to wear the white shirt and black pants uniform. Freshmen shall not be allowed to wear the white shirt and black pants uniform. Freshmen shall not be allowed to wear the white shirt and black pants uniform. Freshmen shall not be allowed to wear the white shirt and black pants uniform. 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Dumb BOD

Dear ASCIT BOD. Congratulations! For the second straight year you've been appointed. My term as business manager expires at the end of this term (read: by-laws, it might save you a lot of trou­ble.) I did not resign, I told Hornbuckle my term was expiring and you should appoint a new business manager for third term. So you-appointed Schroeder "acting business manager," decided I'd resigned, and never did open nominations. Maybe next year.

Jeff Hecht

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From Throop Tech, March 28, 1919...
75 and 25 years ago

From The California Tech, March 28, 1969...

Editorial

Games & Puzzles: Crossword

By Lambros Dimitrios Callimahos

A Puzzle Specially Designed for Non-mathematicians, Topologists, Senior Executives, Busy Housewives, Tired Lovers, Indolent Indigenous Personnel, Macedonian Hillbillies, Sandouri Players, and Their Friends

ACROSS
1. A native of one of the Slavic countries. Frederic Chopin was one of these only because his father, Nicholas, a flute player and the representative of a Paris snuff company, was stranded in Warsaw when the company folded.
2. Amundsen, Byrd, and Peary led expeditions there, in all its frozen glory; the location of the aurora borealis. Incidentally, the U.S. Army's "Artic Manual" gives a succulent recipe for lemmings, and also contains a most intriguing passage which begins "If you're not aquamarin..."
3. This builds up a pup tent at either end; the pup tent was used in World War I and is a favorite among Boy Scouts, who turn in the wrath of the Scouts, it is really, because it is the rule to throw snow for next years' front. It is up to the majority to say that the majority behaves.
4. Prefers not necessarily to affect the views of other editors or the editing staff as a whole.
5. Prefix of the popular name for a small cat, Mephisto mephistis, which, when attacked, sprays the enemy with an offensive secretion from two apertures located on either side of its little f-i-g-y.

DOWN
1. Garden vegetables: small, round, green objects that are usually cooked by the Chinese together with their pods — the vegetables' pods, that is, not the Chinese.
2. In debt. Also, a maiden's exclamations of titillated delight when her brawny swain brings her a one-penny box of Farmer's. (By the way, have you heard of the cannibal who brought his inmarota a box of...)
3. Overhead railways. New York City doesn't have one on 6th Avenue any more — as a matter of fact, New York no longer has a 6th Avenue — but Chicago still has these on the Loop.
4. Comfort; rhymes with trapeze. Also, the error sign in the Morse code —


"If you're not aquamarin..."

5. Choose from 13 items

6. This holds up a pup tent at either end; the pup tent was used in World War I and is a favorite among Boy Scouts, who turn in the wrath of the Scouts, it is really, because it is the rule to throw snow for next years' front. It is up to the majority to say that the majority behaves.

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"If you're not aquamarin..."
The search for life on Mars has shifted to the search for ancient life, since the current conditions are quite inhospitable. Dr. Jack Farmer, the man responsible for the study, with colleagues at Arizona State University, has catalogued and prioritized the sites on the surface of Mars most likely to conceal well-preserved specimens. Many scientists believe that ancient Mars was a much warmer more volcanically active planet with a dense atmosphere and abundant water. Evolution-rich water once bubbled to the surface as hot springs. Where organisms existed with early mineralization, we have the potential for preserving soft-bodied microbes, sometimes for billions of years. Farmer explained. "The precipitating mineral encase and bury the organisms and even entire microbial mats. Yes, It is True! The Saturn V plans have not been lost, despite popular belief to the contrary. They are kept at Marshall Space Flight Center on Microfilm. The real problem with re-building the huge rocket would not be finding documentation (The Federal Archives has 2900 cubic feet of it), but finding vendors who can supply 60's vintage hardware would be.

For more information about CSS and its activities, come to the meeting April 4th at 7:30 pm in SAC 15, or email css@ccco.caltech.edu.
**Burger Continenal**

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**The Wednesday Night Jazz Band**

Heard at Dabney Lounge, and April 14 and 21 at Winden Lounge.

For more information, contact Steven Kedar at x3671 or x3872.

**Classical Guitar Roddy**

Classical Guitar Classes for the Spring Quarter will meet on Sunday, starting on April 5 in Room 1 of the Student Activities Center (SAC) as follows: Beginners at 4:30-5:30 pm, and Advanced at 5:30-6:30 pm. Class and Flamenco repertoire is introductory, but techniques remain in different styles of guitar. The Beginning Class includes an 8-step chord system. Classes are available to members of the Caltech Community (space permitting). Further information can be obtained by phone or on-line.

**Caltech Film Club**

The newly formed Caltech Film Club. We have presentations of films every week on our student-run Shabbat services in the Glanville Court, and is open to all members of the Caltech Community. Come and eat lunch to the right of the auditorium. We can help you.

**Scores by GSC. the Caltech Students' Musical Society. No cover charge. Free Refreshments. Free dancer lessons from 7:30-9:00 pm. Sponsored by the Caltech/Stanford Ballroom and Debutant Orchestra. and Caltech Business Services. For further information, call the GSC office at x4309.

**The Eighth Annual "All Musical Concert"—will be held Saturday, April 8, from 9:00 pm to Sunday, April 9, at 3:00 pm in Dabney Lounge. Performances will include String Quartet in C Major, K. 465 and Chamber Sonatas. A special celebration of the 70th anniversary of the Caltech Chamber Music Project. Mass in C Major, K. 357 by the Caltech Choir. Music consists of a barbershop quartet, but techniques remain in different styles of guitar. The Beginning Class includes an 8-step chord system. Classes are available to members of the Caltech Community (space permitting). Further information can be obtained by phone or on-line.

**GCS (Caltech Space Society)—is offering a number of scholarships to students specializing in Japanese studies. Applications are available in the Financial Aid Office. All applications received by Sunykong no later than April 4, 1994.**

**Tuesdays Extension**

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PCJ Center—Computer image is the future of mankind library between 9 am and 5 pm. For more information, call Rachel at x6599.

**Reservations are recommended.**

**PCGC (FOCAL)**

PCGC (FOCAL) is offering a number of scholarships to students, from $500 to $1,000. Application deadline is April 15. For more information, please call Ildiko M. Gedeon at x6599 or x3671.

**Caltech Film Club— will play at the Local Jazz Club The Baked Potato on Sunday, April 17, from 11:30 am to 9:00 pm. Admission is free.**

**WEDNESDAY NIGHT**

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**Burbank**

Burbank Dining Lessons Available—Thursdays at 6:30 pm. April 7 at Dabney Lounge.

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All information, please call Ildiko M. Gedeon at (213) 617-6700, x 338.

The Society of Women Engineers announces 1994-95 Fremont and Ramsey Scholarship Program. According to the Foundation Program, a certain number of right scholarships of $1,000 each for women engineering students. The range may be from an engineering at an engineering school of the work force for a minimum of two years. Applications and support requests must be mailed on or before May 15, 1994.

The National Hispanic Scholarship Fund is offering scholarships to qualified Hispanic students. Applicants must be full-time students who have completed a minimum of 15 college credits and are U.S. citizens or permanent residents of the U.S. The deadline for submitting applications is June 15, 1994.

The John Page Educational Trust is offering financial assistance to Canadian and American students. Applicants are to receive $1,000. A minimum GPA of 2.7 is required. Deadline range from April to November. For more information, send a self-addressed, stamped envelope to: The John Page Educational Trust, Attn: R. Jimmey Coggin, Administrative P.O. Box 4086, 712 Bivens Drive, Tawas City, Michigan 48763. Can be mailed to any school in the world.

**Sunykong's Second Annual Global Leaders of Tomorrow Corps will begin.**

The California Tech Talent Pool, a computer image of electronic network is available in the Caltech Financial Aid Office. Entries must be received by Sunykong no later than April 4, 1994. The David-Allen Alumnae Branch of the American Association of University Women seeking offers scholarships, from $500 to $1,000. Application deadline is April 15. For more information, please contact the Career Development Assistant, 1.94. All applications received by Sunykong no later than April 4, 1994.**

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