Beaver Cup VII

The Caltech Beavers went down to a 0-4 defeat in last Sunday's Beaver Cup VII battle with MIT's alumni club team at the Pasadena Ice Rink. The annual ice hockey game has vexed the Caltech team which has never managed to score a victory against their MIT opponents in the seven year history of the competition.

Boffo Broomball Returns

This team's second broomball will be held Sunday night - Saturday morning, February 21-22, at the Pasadena Ice Rink in downtown Pasadena from 10:30 p.m. to 3:30 a.m. Bring your own brooms if you can; if not, the Y has a limited supply. We will be providing refreshments at some point during the night. Come and watch even if you don’t participate, it’s a lot of fun. In addition, it’s the inauguration of the new Caltech Y helmets. It’s a bold new era in Broomball.

Rules

Show up on time for your game. There will be one one minute time-out allowed per game. No checking, no throwing past the blue line, no throwing of the brooms, wait for the ball to drop on face-offs, and generally be cool. Failure to wear the helmets or using the helmets as weapons will result in deduction of style points. Especially, no kicking the ball into the goal. The organizers of the tournament have final say over all matters, and their decisions are binding.

Playoffs

The top four teams will advance to the semifinals, which will consist of two twenty minute games. After a break we will have a half-hour final. The criterion for making the semi are as follows:

1. Won-Loss Record (2 points for a win, 1 point for a tie)
2. Goal Differential
3. Style Points decided by Amit and Seiya
4. Rock, Paper, Scissors by Amit and Seiya

ASCIT Runoff Election To-day

There will be a runoff election for the ASCIT offices of Secretary, Freshman Director at Large, IHC Chair, and Upperclass Director at Large.

Evolution and Ecology of Digital "Life"

Shane Sanby

Evolution works at a rate beyond measurement. It is such a slow process that man has little living evidence of how it works. All we can study are the results. Dr. Thomas Ray, from the University of Delaware, became frustrated by this problem. He studied the tropical rain forests in Costa Rica for sixteen years, but still couldn’t see evolution at work. So he decided that he needed a new approach. What was required was a new ecology and a new time scale in which to examine his ideas of evolution. Dr. Ray turned to one of the few places where he could play god, and it turned out to be his computer.

About four years ago, Ray approached his computer specialist friends and asked what would happen if you started randomly changing bits in a program. They all said that computer programs are too "brittle," that point changes would render the programs useless. Assuming they were right, Ray turned to his biological background to figure out how to tackle this problem. What he came up with was a very simple, self-replicating program, 80 lines long. He then created an environment within the RAM of his computer, set up a few basic rules of the universe, and let the program go. Contrary to what his computer friends said, the results were astonishing.

The first thing that happened was that Ray found a parasite. This was a truncated version of the original program, the only program he ever wrote. The parasite was something Ray expected, he had come across the idea while debugging the original. But what popped up afterwards was even more interesting. Soon after the parasites showed up, hyper-parasites showed up. These programs used the parasite's CPU power to replicate themselves and not the parasite. Later, social programs appeared, using the code of other programs to help them.

Ray had produced an entire "ecology" within his computer. He could change, at will, any of the approximately fifty parameters that defined this digital universe. He thus began experimenting with all kinds of interesting ideas. If you increased the mutation rate, what happened? If you started with parasite-resistant programs, did new parasites evolve? What was the smallest sized self-replicating program he could generate? All of these ideas, and more, were tested and tried, sometimes overnight. The best story was about the optimization tests. Given the original code, an M.T. computer programmer was able to trim it down, by hand, from 80 commands to 21 commands. Meanwhile, Ray got a good night’s sleep while the computer world generated a 22 command version that was completely self-replicating.

The next step is going to be even more fascinating. Ray, along with some colleagues, in planning on making the next evolutionary step. Contrasting the programs to single cells, Ray wants to make multi-cellular organisms now. Using parallel processes, he wants to produce specialized programs that are organized and inter-dependent. Ray has already created three new commands that may help him in his latest endeavor.
FOR THE PAST FIFTEEN YEARS, THE SUPPOSEDLY POPULIST DEMOCRATS HAVE WORKED HAND-IN-HAND WITH THE REPUBLICANS TO DRASTICALLY REDUCE UPPER-INCOME TAX RATES..."

YUP! WASHINGTON IS RUN BY THE RICH, FOR THE RICH! THAT'S WHY I VOTED FOR PEROT.

"FOR MORE ON THIS BIPARTISAN BETRAYAL, SEE WHO WILL TELL THE PEOPLE? BY WILLIAM GREIDER...ALSO, AMERICA: WHAT WENT WRONG? BY BARLETTE STEELE..."

IT'S TRUE THAT THE WEALTHY ARE IN THE MINORITY...ACCORDING TO THE FEDERAL RESERVE BOARD, 88% OF THE INDIVIDUAL NET FINANCIAL WEALTH IN AMERICA IS OWNED BY A MERE 10% OF THE POPULATION...ADDITIONALLY, THE WEALTHY ARE DISPROPORTIONATELY REPRESENTED IN THE NEW ADMINISTRATION, AS HAS RECENTLY BECOME CLEAR...

"GOOD HELP IS SO HARD TO FIND THESE DAYS!"

Boffo-Broomball Schedule
February 21, 1993
1. Team Howie
2. Damn Scurves
3. Larger than a Truck
4. Ice Weasels
5. Chicks with Sticks
6. Plaid
7. Llame Lloydies
8. Junior Gang of Junkies

10:30 - 10:50
10:55 - 11:15
11:20 - 11:40
11:45 - 12:05
12:10 - 12:30
12:35 - 12:55
1:00 - 1:20
1:25 - 1:45
4 vs. 3
8 vs. 1
2 vs. 7
3 vs. 8
5 vs. 2
6 vs. 4
7 vs. 5
1 vs. 6

The California Tech will hold its weekly meeting TODAY at 12:15 pm in the Coffeehouse. Free Pizza. Open positions include Crime & Incident Editor, World News Editor, Staff Photographer, and Off-Campus Distributor.

LAEMMLE THEATRES
ESQUIRE
2670 E. Colorado Blvd.
(310) 793-6499
Mirianda Richardson
The Crying Game
Daily: 5:00, 7:30, 9:30 p.m.
Sat-Sun Bargain Matinee: 2:30 p.m.
Catherine Deneuve
INOCHE
2588 E. Colorado Blvd.
(310) 786-7004
Indochine
Daily: 5:30, 8:30 p.m.
Sat-Sun Bargain Matinee: 2:00 p.m.

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Volume XCIV • Number 16
February 19, 1993
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ASCIIT Runoffs Today!

Ewald Haeuflemeier

Ewald Haeuflemeier

That’s right, there are four ASCIIT Runoffs today, but first the results of Monday’s Election:

ASCIIT Secretary:
Runoff today between Michelin Aldridge and Karen Shih

ASCIIT Treasurer:
Ewald Haeuflemeier

Athletic Manager:
Alan "Pinky" Blaine

BOC Secretary:
Dan Millward

Director for Academic Affairs:
Flora Ho

Director for Social Activities:
Anandi Raman

Freshman Director at Large:
Runoff today between Angie Bealoo and Benny Talianchich

IHC Chair:
Three-way Runoff today between Jill Bush, Bryce H. Elliott, and Asif Hassan

Upperclassmen Director at Large:
Runoff today between Ryan Nance and Gisela Rodriguez-Sandoval

Today’s runoff will be run somewhat differently from past elections.

Similarly in the two person ASCIT elections, the candidate with the N, will win the election.

It is also important to note that in this election, you may cross out candidates’ names or circle them. There are no write-ins or “No” votes allowed in this election.

Cicling one candidate is NOT the same as crossing the other out, even in a two-person election. To determine the winner in a two OR three person race, the procedure is the same: the total number of circles that each candidate receives is tabulated. If no candidate receives a majority of all circles, the candidate with the greatest N where N = Number of circles - Number of crossoffs will be declared the winner.

Elections: Ewald goes over the election report. There are four runoff elections, to be held on Friday.

Similarly in the two person ASCIT elections, the candidate with the greatest N where N = Number of circles - Number of crossoffs will win the election.

Sample Ballot Explanation:
Iama Techer has voted for John Visconti and Boris D. Cat, and has voted against Ciflus and Papa John Cruach. Note that in the Director for Random Activities race, if neither Angus, Ciflus or John Visconti wins, then the candidate with the highest number of votes will win.

Results of the runoff elections will be posted in all of the houses and at the ASCIT Meeting Room by 9 AM tomorrow. Any protests against the election must be filed with the

Sample Ballot

Director for Random Activities

Angus

Ciflus

Papa John Cruach

John Visconti

Name (Please Print): Iama Techer

Runoff today between Angie Bealoo and Benny Talianchich

IHC Chair:
Three-way Runoff today between Jill Bush, Bryce H. Elliott, and Asif Hassan

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Runoff today between Ryan Nance and Gisela Rodriguez-Sandoval

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Hello Company!

Mathew Englander & David W. Hogg

It is curious that Theatre Arts at Caltech (TACT) chose to stage "Hello, Dolly!" this term, since the musical is outdated and has a plot about as credible and interesting as an episode of "Three's Company." "Hello, Dolly!" is the story of a Yonkers, N.Y., widow, Dolly Levi (Lynne Cooper), who is a self-appointed matchmaker, dance instructor, and councilor-at-law. She has been employed by the miserly grocer Horace (Bill Salem) to find him a wife who is beautiful, rich, and willing to clean the house. She has matched him up with a milliner, Irene Molloy (Susie Follmer), but has now decided that she would rather marry him herself, which is odd since Horace has no attractive qualities whatsoever except extreme affluence. When Horace goes to New York City to call on Mrs. Molloy, her exploited employees—Cornelia (Scott Van Essen) and Barnaby (Erik Estrada)—decide to close up the shop and make their own trip to New York, hoping to earn enough money to return until they have "kissed a girl." In the big city, Cornelius and Barnaby happen to run into Mrs. Molloy's shop (ignorant of their employer's engagement) and immediately fall in love with her and her assistant Minnie Fay (Leslie Maxfield). The expected comic shenanigans ensue, and lead to the expected comedic outcomes.

TACT is ambitious in mounting a musical. Their production is not seriously flawed, but it suffers from many of the problems that amateurs commonly face. For instance, in the dress rehearsal that we saw, some of the actors had difficulty making themselves heard above the orchestra. The choreography was complex and frenetic; often it worked, but the scenes involving the entire cast of 45 (or so) were embarrassingly like dozens of Jacks, Janets, and Chrisys slappingsticking all over the stage. Of course, some of the mess may be smoothed out before tonight's performance.

Several of the cast members stood out. Ms. Follmer, Ms. Maxfield, Mr. Olsen, and Mr. Van Essen had good singing voices, and were talented enough to bring their characters to life. They delivered most of the play's funny lines, although David Stevens, in a small role as the Court Clerk, is hilarious. Dolly (by Shirley Marmore) is very straightforward, refusing to poke fun at the daintiness of the story. The serious lines are delivered with appropriate registers. It is difficult to understand "Hello, Dolly!"'s status as a classic. The script is idiotic; the women are defined by their need for husbands, and the men by their need for houseswive. The direction (by Shirley Marmore) is very straightforward, and it makes the audience feel even more fun than it was supposed to be.

Overall, "Hello, Dolly!" has a darker side to it. "Groundhog Day" is more realistic, more timely, and has a darker side to it. "Groundhog Day" has all the right elements, in the right amounts, to be an original, funny, and entertaining movie.

Movie Reviews

Shane Sauby
Groundhog Day
12345678910

What would you do if you started to relive the same day over and over again? Eventually you would go kind of nuts. That's what happens to Bill Murray in the new film "Groundhog Day." Murray plays Phil, a Pittsburgh weatherman who is self-centered, sarcastic, and almost certain that life is cold and revolves around himself. For the fourth year in a row, Phil is covering Groundhog Day in Punxsutawney. Only this year is slightly different. He is back to Punxsutawney by a blizzard he didn't predict and has to stay one more night. Except when he wakes up, it's Groundhog Day, again.

This film shouldn't work. If anything, it should be repetitious and boring, but somehow Murray and director Harold Ramis pull it off. The movie push up to the edge of repetition and then turns it into humor. From Ned "The Head," an annoying old schoolmate, to the puddle, to the speech he gives about the groundhog, the movie keeps turning the repetition into humor.

Phil eventually discovers that there are no more tomorrows, only todays, and figures its time to indulge himself. He seduces women, eat anything and everything, and even rob an armored car. Eventually he sets his sights on his new producer, played by Andie MacDowell. He starts by buying her a drink, and then starts to memorize everything he can about her. I'll let you find out what happens.

"Groundhog Day" is very funny. It is mostly light hearted, but it definitely has a darker side to it. There are a few points where Phil is on the edge of sanity, and these sequences exemplify the problems of reliving the same day over and over again. Murray puts in a great performance as the self-centered Phil, controlling the film in every scene. Along with an excellent job as director, Harold Ramis puts in a small cameo as a doctor.

Finally, the one thing that makes this film truly enjoyable is the editing. The pace is kept quick and the scenes are arranged such that the audience does not get tired or bored of Phil reliving the same day. "Groundhog Day" has all the right elements, in the right amounts, to be an original, funny, and entertaining movie.

National Lampoon's Loaded Weapon 1
12345678910

"National Lampoon's Loaded Weapon 1" is stupid and hardly original and not worth seeing in a theater, even at matinee prices. Well, now that's out of the way, let's talk about what's right with the movie.

There are some funny bits in "Loaded Weapon 1," including a great scene with Emilio Estevez's older brother Charlie Sheen. There are a few funny sight gags and a rare humorous line here or there. "Loaded Weapon 1" has cameo by two or three dozen well known stars, including a great cameo appearance by Erik Estrada and Larry Wilcox as John and Ponch from "CHiPs." There is even some decent acting, mostly by supporting characters, allowing the humor to stand on its own instead of being rammed down your throat.

With all these things going for it, "Loaded Weapon 1" should be a decent film, but it fails to pull it together. The over-acting is done to such an extreme that it makes most of the humor. Many of the sight gags and references are old stuff, lacking the spark of originality. Compared to the two movies most closely related to "Loaded Weapon 1," "Airplane" and "Naked Gun," it comes up quite short. Both of these predecessors had a lot more going for them and were more consistently funny.

That is what is most annoying about "Loaded Weapon 1." There is some truly funny, original material in the film, but often it is ruined by either the editing or the acting. When something occasionally does work and is funny, it highlights the downright stilt of the rest of the film. In general, the audience is left feeling that something is missing and they can't quite put it. This film was made for video and should be seen only if you are in a really stupid mood.
Bridge Without Sam

Jeff Goldsmith

Heat 1

In Zia Mahmood's new book Bridge My Way, Zia claims that bridge players seem to operate in streaks. When all is going terribly and nothing seems to work, we are in Heat 3. Normal days are Heat 2, but when everything is wonderful and we cannot touch a wrong card, that is Heat 1. Being in Heat 1 is a great feeling. On this hand, declarer has to be in Heat 1 to make a close game.

North   South
A Q 7 4  ♥   ♦ J Q 9 3
A J 10 8  ♦  K 9 8 5 2
K Q 10 9  ♦  ♣ 4 3 2
A 2

South   North
Q 9 8 7 3  ♣  Q 7 5
3 2

Pass

I am South, playing in a regional Flight A pain event vs. a junior pro on my left and an inexperienced client on my right. The pro, without much thought, led the ♥.

I have seven tricks on top, with hopes for more in spades and diamonds. Since the red suits are unlikely to supply more than one extra trick, I shall have to play on spades. I win the ♦ in dummy and play a low spade from dummy planning to finesse the 9, making 3 spade tricks against doubleton 10 on the right. RHO wiggles very briefly, flies with the ♣ and switches to the ♦.

What is going on? Clearly, RHO has KQJ better in spades. Playing the Queen was a mistake. She should play the King, concealing the Queen, though, unless she has the two also, she should probably duck. Since she didn't return a club, she is probably short, most likely a singleton. From her heart spot, hearts are probably 4-3, though I cannot tell which way right now. But it seems likely that RHO has the fourth because she is short in clubs.

What can I do about this? I cannot get a spade trick without letting them take three hearts and two spades, unless RHO has KQJ alone in spades. I cannot get four diamond tricks unless QJ tight is around, which is unlikely. The heart KQ must be split (or offside) since she'd probably play a high heart from KQJ, and the ♣ from 987 or the 10 from 1098. Conceivably, RHO has 1087, but most likely, the heart honors are split. If RHO has six clubs and three hearts, he can either 2-2 or 3-1 in the pointed suits. If he is 2-3-2-6, I need QJ tight in diamonds, but if he is 3-1-3-1, I only need stiff honor to bring me up to 8 tricks. An endplay will get me another.

I duck the heart return to LHO's 10, he returns the King. I am confident now that his original heart holding was K10, so I win the second heart and play a small diamond from hand. Voilà! He plays the Jack. I continue with the ten from dummy, which is not covered. LHO shows out, pitching a club, so I have my 8th trick in the bag. Now, all I have to do is cash my diamond and club winners and see what RHO discards. She follows, of course, to the third diamond and pitches a diamond and a heart on the top clubs, which means she must have been dealt 3-4-5-1 shape and I am going to make this. I exit with my carefully preserved ♡J and RHO wins and cashes a diamond winner. With two cards left, she exits low spade and I put up the Jack, which holds. Making 9 tricks is a complete matchpoint top.

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

Ricketts Wins Interhouse Bridge Tournament

Jeff Goldsmith

Ricketts House’s bridge team beat Page in a close match to win the 1993 Interhouse Bridge Trophy. The trophy is a permanent one and will be held by Ricketts for one year.

Double Knockout Matches:

2nd Round results:

<table>
<thead>
<tr>
<th>DAMN SCURVES</th>
<th>LILAME DUCKS80</th>
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<tr>
<td>Page</td>
<td>Wild Cards</td>
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<td>60</td>
<td>65</td>
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<td>NADS 63</td>
<td>CFI 122</td>
</tr>
<tr>
<td>Gradsk/Ghost</td>
<td>The Rudds 40</td>
</tr>
</tbody>
</table>

Third Round Matchups:

Nuds (2-0) vs. Damn Scurves (2-0)
Lilame Ducks (1-1) vs. CFI (1-1)
Gradsk/Ghost (1-1) vs. Page (1-1)

SPRING RECEPTIONS FOR ADMITTED STUDENTS

The Alumni Association and Admissions Office are hosting receptions across the country for newly admitted students. The receptions will be held over Spring Break. If you can be present at any of the following, please call Karen Carlson at x6593. If you remember, students really want to talk to current students as they make their decisions.

Seattle
Minneapolis-St. Paul
Boston
Portland
Chicago
New York City
Sacramento
Northern Jersey
East Bay (California)
Denver
Washington, D.C.
Peninsula-San Jose
Dallas-Ft. Worth
Miami
(Saratoga)

Serving Caltech since 1945
Authorized Agents for Airlines, Hotels and Steamships

HELLO, DOLLY!

Theater Arts at the California Institute of Technology Presents

HELLO, DOLLY!

Book by Michael Stewart  •  Music and lyrics by Jerry Herman
Based on the play "The Matchmaker" by Thornton Wilder
Original Production Directed and Choreographed by Morton daCosta
Produced for the Broadway stage by David Merrick and Shapiro-Fay

In KAMO AUDITORIUM on the CALTECH CAMPUS, PASADENA
FRIDAY, FEB. 19  8 PM  FRIDAY, FEB. 26  8 PM  TICKETS:
SATURDAY, FEB. 20  8 PM  SATURDAY, FEB. 27  8 PM  GENERAL ADMISSION $10.00
SUNDAY, FEB. 21  2 PM  SUNDAY, FEB. 28  2 PM  STAFF, STUDENTS $5.00
Swimming Wins Again

Clinton Dodd

The swim team just came off a very successful week packed with swim meets. Saturday the Techers swam Redlands and the perennially strong Claremont. Redlands took it to Claremont and easily won the meet while breaking Claremont’s twelve year conference winning streak. Caltech swam off events and weren’t in the picture, losing to both teams by large margins.

The next day Caltech hosted Trinity University of San Antonio, Texas and Whitter College. The women’s team led by Tamara Tulou and diver Debi Tuttle took it to Whitter 102-71, but came up short to a strong Trinity team 72-130. The men had an easy time outdistancing Whitter, but needed a superior effort against Trinity. The Wildcats opened a 15 point gap by event number 3. Caltech rallied with touch wins by Mike Greene in the 50 free 23.12 to 23.96 and Chris Buchner’s 200 L.M. 2:17.60 to 2:17.67. The score after the 200 L.M. was Caltech 42, Trinity 41. The lead was exchanged, event by event until consecutive wins by Alan Kulawi (100 backstroke) and Eric Amaot (in the 100 breaststroke) sealed Trinity’s fate 119-88. “The swim meet came down to four close races and Caltech swimmers won three. The point swing was enough to close the door on Trinity,” related Coach Dodd. Chris Buchner was singled out for praise for his come-from-behind victory in the 200 L.M. The men was up to performance to pass the competition in the last stroke.

Occidental was next in line as the women came out swimming well. Tamara Tulou won the 50 free just ahead of the competition 27.30 to 27.36. Karen Ross took the 200 L.M. and won a squeaker in the 100 yard breaststroke, while Virginie Leenknchten won the 100 backstroke. This brought Caltech within two points 73 to 75 with diving and the 200 free relay left. Debi Tuttle and Melinda Au dove well, but fell to the top divers in the conference. The Oxy relay team took a close race from Caltech and the meet 80 to 102.

The men had a much easier time with a small quick Oxy team. Caltech’s strengths matched up well against the Oxy swimmers as the Techers won all but one individual race. Soookatoo Bhuta broke into the winner’s circle in the 100 free and came from behind to touch out the Oxy swimmer in the 100 breast-stroke 1:12.01 to 1:12.22. Eric Amaot won the one and three meter diving events and the 50 yards freestyle. Chris Buchner again raced from behind to take the competition inches from the wall to win 200 L.M. and the 100 freestyle. The final score was 147-54.

This brings the men’s SCIAC Conference record to 2-3 and 5-5 overall and the second place plaque from the Las Vegas Invitational. The women are a respectable 1-4 in conference and 2-8 overall.
Tennis

Boscochi, who won 6-2, 6-4. The Kuo-Silva team fell 7-6 (7-4), 6-0 to their more mobile foes that day as well. Minar Rhine and Karen Shih played up at the number three and four singles slots, falling 6-3, 6-2, and 6-3, 6-2 respectively. With the shuffled lineup, Minar and Karen teamed in doubles for the first time ever against P.C.C. and almost pulled off an upset win, barely losing 6-2, 6-4, 6-0 in near-Arctic conditions.

Karen deserves special credit for spending almost five straight hours on the tennis court. in her two close matches that day. One would be hard-pressed to think of another sport in which an athlete plays continuously for that length of time. The bright spots on the day for Caltech occurred at the #5 and #6 seeds, where freshman sensation Laura Verhoff and senior Monica Oei triumphed 6-2, 6-4, and 6-0, 6-0 respectively. Oei and Verhoff then teamed for a 6-0, 6-1 victory in doubles to round off an almost perfect day, giving Caltech all three of its victories in the match.

Yesterday, Whittier’s impressive deep roster provided even stiffer singles competition for the Beavers than the Lancers of P.C.C. had managed. Along with Yuchie’s loss mentioned earlier, Monica Silva, Min-Ji, and Laura also dropped matches to strong Whittier opponents. These were without exception hard fought contests, with the Poets having advantages in skill and experience, but not in the “mental toughness” department. Diane Wong, Karen Shih, and Monica Oei all turned in as well as two set victories at the #1, #5, and #6 seeds. Diane and Monica both remain undefeated on the season!

Given the events of the past week, it’s impossible to say what next week has in store for the women’s tennis lineup. For right now, they’re 2-1, and looking forward to good times, if not good tennis, in San Gabriel Valley area.

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National Council Winter Display - in Wisniowski Hall, daily from Thursday, November 10 - Sunday, November 13.

Meditation Class - Open to all Caltech students, faculty, and staff. On Mondays from 7:15 - 7:30 pm. Mike Geraci, 354-4666.

Friday Prayer - Prayers organized by China Christian Church held at Caltech Y Lounge at 12:30 pm every Friday.

Caltech Hillside Jewish Community Weekly Meeting - Meet in the Closet of the Caltech Y Lounge on Thursday at noon in the Y Lounge. For information contact Cary Koenig (310)323-5099.

EVENTS

CIT-KNIT Group - The CIT-KNIT Group meets at 8:30 pm on Wednesdays in the Caltech Y Lounge. For more information call Cindy Sklar (310)323-5099.

Calm - Thursday at 11:30 in Yu-Yune. Bring your lunch to enjoy a musical performance. For more information call Mike Geraci at 354-4666.

Career Development Center on campus. Twenty minutes before classes. Refreshments are served after mass.

January play: "Three Days in the Desert," beginning Monday, January 10, at 7:30 pm. Admission is $5.00 per person or $5.00 per family. For more information call Mike McKeown at 354-6917.

Israel Folksong Sunday - in Y Lounge. Beginning Installation starts at 7:30 pm. Admission is $2.00 per person or $5.00 per family. For more information call Edna Uy 354-7847.

Music with James Boyk! - Pianist James Boyk, of the Beckman Auditorium, will be teaching EC 101, Russia's Transition, and will receive up to $2,500. For information call (310) 956-2555. The deadline for submission is March 1, 1993.

African-American Historical Society - Spring Picnic, 127th Street and New York, NY, on May 30. For more information call (310) 956-2555.

The Greenhouse - A 12-step group for recovering smokers. Meetings are held at the Y Lounge on Tuesday at 8:15 for smoking groups, and on Friday at 2 pm for non-smokers. For more information call Dr. Wilson, second floor.

The California Tech Orchestra presents "String Transitions": A 12-step program for recovering strings. Meetings are held at the Y Lounge on Tuesday at 8:15 for smoking groups, and on Friday at 2 pm for non-smokers. For more information call Dr. Wilson, second floor.

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