

## The Seduction Is Over

# The CALIFORNIA Tech

## The RAPE Has Begun

Volume LXXVII Pasadena, California, Friday, October 10, 1975 Number 3

### astardly Deeds Divulged

## Whodunnit?

by Greenie

I leaned back in my swivel chair and lit one of the Chief's fat cigars.

"OK, Chief," I said casually. "That's the gig?"

He frowned. "Someone's been hitting my editors, Mukrakker. I want you to find out who."

I poured a slug of bourbon and asked, "Any clues?"

"Well, Chaney just disappeared without a trace. Sivertsen fled away. All we know is that Llewellyn vanished after some part of meeting. They haven't gotten to Yoshida yet."

I smiled confidently. "Piece of cake. I'll get right on it, Chief." I took the elevator down. As I left the Tech building, I decided that the best place to start would be one of Llewellyn's favorite hangouts, the Page Boy Room.

I disguised myself as a troll and inconspicuously sauntered in, carefully looking for a suspicious character over the top of my spyman. The place was full of the usual lowlife, mostly trolls and jocks. I glanced appreciatively at the lovely stems on a nearby frosh as she sidled up to a unit jock at the bar.

"What's new, handsome?" she cooed.

"C over lambda, baby," he replied.

This was no jock! This was a spy man. I instantly leaped, my assware crunching under as I grabbed for his throat.

Ignoring the shrieks of the crowd, I snarled, "All right, dude, what's the rap on Llewellyn?"

"Agghh..."

I shook him roughly. "Talk!"

"Aggha..."

Of course! The Academic Standards and Honors Committee! It all became clear. So they were behind all this! I gave the dude's neck a final wring and shoved him into the midst of an approaching Page Boy goon squad. While they stumbled over his flailing arms and legs, I made good my escape.

The next step was the Committee. Their motive was obvious—they had always made trouble for the Tech. Alarmed at Llewellyn's increasing influence, they had put out a contract on him. But what had they done with him? And what of Chaney and Sivertsen?

Once more disguising myself as a troll, I strolled nonchalantly into the Committee Building. Hiding my face behind a huge pile of computer printouts, I asked the receptionist, "Where do they discuss petitions for overload?"

I shuffled past the indicated room, then swiftly picking the lock, slipped into the Records Room. I lifted the Llewellyn file. My trained eyes raked the documents. So... it seemed the Committee's action had been forced by some outside agency. But who had put them up to it?

Footsteps were approaching. Security. I waited behind a file case as the guard entered the room, then trashed him with a karate chop to the neck. He dropped without a sound. Picking up my computer printouts I



Parapsychology display in Baxter til October 31. See article, page eight.

Photo by G. Laib

shuffled out of the building. As I passed the receptionist, I muttered resentfully, "They denied my extra thirty units..."

I still had an ace up my sleeve, though. I hailed a passing B&G cab.

"Where to, Mac?"

"Young Men's Krishna Association."

I soon found my favorite informant, Jack "The T.A." Rudd, playing D&D for high stakes in one corner.

"What's the gig, Mukrakker?"

"Editors, T.A. Who's been offing them?"

"The word is that Chaney disappeared on his own. Scared off." He shook his head. "Always was a far-out dude."

Far out... that meant OC... Probably co-opted somehow. Anyway, beyond human reach. That was one down. But I asked hopefully, "And Sivertsen?"

"Apathy got him. It's rampant in the student body these days."

"And who set Llewellyn up for the Committee?"

He turned pale. "I don't know, Mukrakker!"

I grabbed his shirt. "Yes you do, T.A! Now, talk!"

Before I could get anything out of him, a commotion from the other end of the room told me that Rudd's Excomm were on their way. I tossed him to the floor and ran for the great outdoors.

Once safe, I stopped to think. Apathy... that meant Dabney more than anywhere else... And Dabney pointed to Yoshida! Yoshida! The only surviving

Continued on Page Eight

## Social Phones Part 2

by Paul Mason

The Institute cannot subsidize social phones in the student houses according to Dr. Jim Mayer, Master of Student Houses, at the IHC meeting Wednesday evening.

Dr. Mayer cited two reasons for the Institute withdrawing social phones. The principle one is cost; as reported in the Tech last week, physical plant has monitored some phones with their new *Telaid* system and one example of abuse they found was \$280 worth of calls on the Ricketts's Summer House phone in one month.

The second problem is that there are only three incoming lines at night and with seven house phones it is easy to tie up all the lines such that incoming calls for other phones on campus receive a busy signal.

A possible course of action suggested by Dr. Mayer was for each house to obtain its own phone and divide the cost among the users.

A phone costs \$7.50 per month plus charges for long distance calls and calls made to towns in the Los Angeles area outside of Pasadena.

The IHC is having another meeting at 2:00pm today to further consider the problem.

## Congrats Harry!

## Gray Rewarded

Dr. Harry B. Gray, chemistry professor here for the past ten years, was recently named the William R. Kenan, Jr. Professor of Technology of the California Institute of Technology.

"The selection of Harry Gray as the first occupant of this chair is a tribute both to his charismatic qualities as a teacher and his leadership in scientific research," said President Harold Brown in announcing the appointment.

The energetic chemist is widely respected for his research, which currently emphasizes studies of the role of metallo-organic compounds in living organisms. He has published more than 200 scientific papers and ten books. In recognition of his work, he was elected to the National Academy of Sciences when he was only 35.

Internationally known for his innovative teaching methods, he was named in 1972 as one of four notable college chemistry

teachers in the U.S. by the Manufacturing Chemists Association. He has contributed significantly to the restructuring of chemistry as it is taught at Caltech. (For instance, before him, nobody taught a class while wearing a horse's head...)

His rapport with people and sense of humor are appreciated by students and faculty alike. The articulate scientist gave the Caltech commencement address last June. In 1961 he joined the chemistry faculty at Columbia University, becoming the youngest full professor in the history of that institution in 1965. The Columbia student newspaper appeared with a black border the day it announced his departure for Caltech in 1966.

A grant from the William R. Kenan, Jr., Charitable Trust made the new chair possible. Mr. Kenan, Jr., who died in 1965, was a chemist, engineer, industrialist, businessman, farmer, and philanthropist.

## News Briefs

## Psionic Invasion!

There exist two (2) opportunities to learn more about the scientific exploration of psi phenomena, (ESP and psychokinesis). The first will be on display in Baxter Hall until October 31. This is PSI-SEARCH, the first exhibition on the scientific investigation of psi phenomena, produced for the California Museum of Science and Industry in cooperation with the Parapsychological Association (an affiliate of the A.A.A.S.) and circulated by the Smithsonian Traveling Exhibition Service.

The second is an evening discussion, 'Perspectives of Psi Research', sponsored by the Caltech Y on Tuesday, October 14th at 7:30 in Winnett Lounge. Come listen and talk to Dr. Harold Puthoff of Stanford Research Institute and Dr. Robert

Morris of UCSB when they speak about teaching parapsychology and what psi means to physicists. It promises to be an interesting and stimulating evening.

### They're Here!

Athletes who ordered Caltech letter jackets for the Fall 1974 season may pick them up from Debbie Wilson in Room 101 Page.

### Luce Scholarships

The Luce Foundation is offering fifteen very well-funded one-year scholarships for work, study, and travel in East Asia. Caltech has been asked to nominate candidates for the program, which will begin on

Sept. 1, 1976. American citizens who will have a bachelor's degree and be 21 to 26 years of age by Sept. 1 are eligible. If you are interested, you must submit a preliminary application by October 31, 1975 to Prof. David Elliot, 203 Baxter, ext. 1058. For further information, please contact the Placement Office or the Dean's Office.

♀♀♀♀♀♀♀♀♀♀

All CIT women students and wives of students are invited to join the Caltech Women's Club. To receive a copy of the Club's bulletin and for information about its activities call Jo-Ann Curtright, 795-3009 or Joan Zukoski, 351-8259.

Continued on Page Six

Editorial

# Bicentennial Bullshit

In traditional American overkill style, the celebration of our nation's two-hundredth birthday has turned into a nauseating campaign of propaganda and sentimentality. For all the hullabaloo, one would think that the United States had just completed at least its first half-millenia and probably one full millenia. But disregarding the youth of our nation, we are faced with a situation of flagrant abuse of the certification process of the American Revolution Bicentennial Administration (ARBA).

John W. Warner, Administrator of ARBA, has proposed that the nominating conventions of both major political parties be designated official Bicentennial events. Can it be that in this birthplace of democracy (I hesitate at using that term) the ARBA is ignoring the conventions of the American Independent Party, the Libertarian Party, la Raza Unida, the American Communist Party, the American Nazi Party, and the Black Panthers? The cornerstone of American politics is theoretically the free expression of ideas and proposals—a process sadly curtailed by the ARBA, an organ of the Washington bureaucracy, when it recognizes the conventions of two political parties while ignoring others. Less than 50 percent of the American Electorate is officially associated with the GOP or the Democratic party, leaving the bulk of the thinking masses to fend for themselves as independents or small splinter factions and parties. These citizens are the source of the revolutionary new ideas in American politics—not the conservative, middle-of-the-road major parties. The American revolution started with a splinter faction of radicals, let us not degrade their spirit of political activism by closing the door on the mini-parties—they were our nation's mid-wife.

—Sandy McCorquodale

## Scandinavian Seminar

Scandinavian Seminar is now accepting applications for its study abroad program in Denmark, Finland, Norway, or Sweden for the academic year 1976-77. This living-and-learning experience is designed for college students, graduates and other adults who want to become part of another culture while acquiring a second language.

An initial 3 weeks language course, followed by a family stay whenever possible, will give the student opportunity to practice the language on a daily basis and to share in the life of the community. For the major part of the year he is separated from his fellow American students, living and studying among Scandinavians at a "People's College" (residential school for continuing adult education) or some other specialized institution.

All Seminar students participate in the Introductory, Mid-year and Final Sessions, where matters related to their studies, experiences and individual progress are reviewed and discussed. The focus of the Scandinavian Seminar program is an Independent Study Project in the student's own field of interest. An increasing number of American colleges and university are giving full or partial credit for the Seminar year.

The fee, covering tuition, room, board, one-way group transportation from New York and all course-connected travels

in Scandinavia is \$3,800. A limited number of scholarship loans are available.

For further information, write to: Scandinavian Seminar, 100 East 85th Street, New York, N.Y. 10028.

## Watson

The Thomas J. Watson Foundation provides financial support to enable college graduates of unusual promise to engage in an initial postgraduate year of independent study and travel abroad. Caltech is one of 35 private colleges cooperating in the Watson Fellowship Program. In 1975-76 seventy Watson Fellows will be selected from 140 candidates to be nominated by the cooperating colleges (Caltech may nominate as many as four students).

The Watson Fellowship provides a grant of \$7000 (\$9,500 for married students) for a year of independent study abroad.

To quote from the description provided by the Watson Foundation: "The Foundation hopes to provide Fellows an opportunity for a focused and disciplined *Wanderjahr* of their own devising—a break in which they might explore with some thoroughness a particular interest, test their aspirations and abilities, view their lives and American society in greater perspective and, concomitantly, develop a more informed sense of international concern.

"In the selection of Watson Fellows, we are most concerned

about such qualities as integrity, creativity, capacity for leadership, and potential for human and effective participation in the world community. The overall academic record of a candidate while relevant, is not the principal criterion for selection; nor an extensive array of camp activities. We are, however, inclined to give more than moderate weight to achievement in the candidate's field of special interest and to extracurricular involvements, assuming that they reflect aspects of the candidate's basic concerns and the nature and measure of his probable commitment to them.

"A candidate's proposed project should be realistic, imaginative and personally significant. It is not intended that the year experience will involve extended formal study at a foreign university, it should be a project capable of being pursued with great independence and adaptability. It may either be in an ar

Continued on Page Eight

# Caltech Forum

To Wayne Dickenson et al:

I agree with and commend you for your support of Blacker's practice of meeting with rotating freshmen at various places around campus. Nobody would quarrel with Blacker's judgement that the best way for the freshmen to learn about Blacker house is to be taken elsewhere.

—Allen L. Johns

## The fever that won't break: THE RISING COST OF A MEDICAL EDUCATION.

Like most things, the cost of attending medical school has risen sharply over the last decade. To many medical students that cost represents a heavy burden, a financial problem that can affect your concentration.

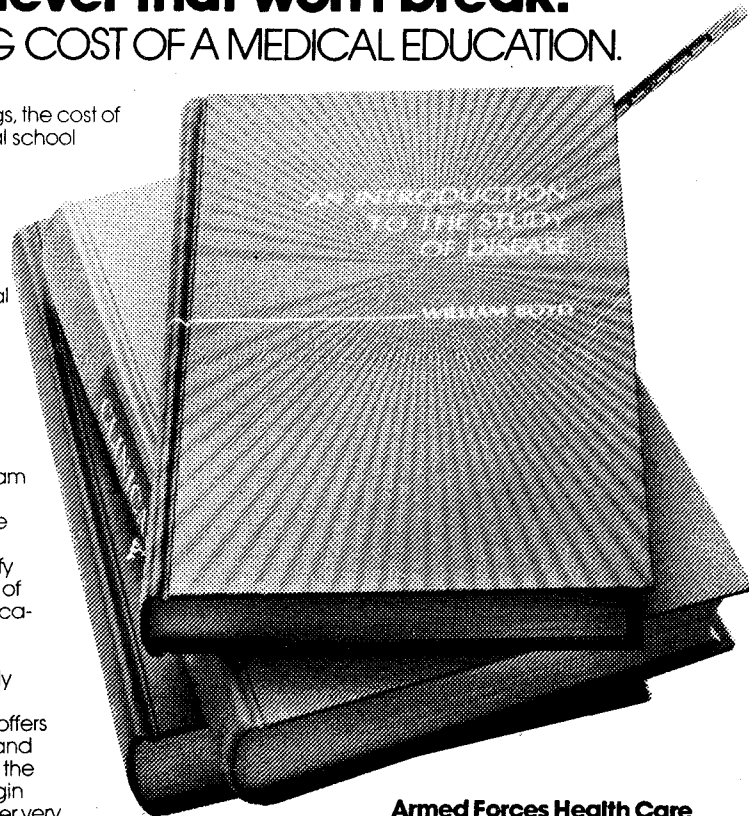
It needn't be that way. The Armed Forces Health Professions Scholarship Program was originated to free you from those worries. Men and women who qualify will have the costs of their medical education covered, and will also receive a substantial monthly allowance.

The program offers more than tuition and salary; it offers you the opportunity to begin your practice under very favorable conditions. As a health care officer in the military branch of your choice, you'll find yourself with responsibilities fully in keeping with your training, and with the time and opportunity to observe a full spectrum of medical specialties.

When you decide on the specialty you wish to pursue, you may find yourself taking those graduate medical studies at one of our many large and modern medical centers. If so, you can count on that training being second to none. Both the clinical and research work being done in them have made Army, Navy and Air Force hospitals a major new national medical resource.

It's a long road, but the first step is simple. Just send in the coupon. The details we send you may make the whole way a little smoother.

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To graduate in \_\_\_\_\_ Degree \_\_\_\_\_  
(month, year)

\*Veterinary and Podiatry not available in Navy Program; Podiatry and Psychology not available in Army Program.

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I certify that the statements made by me are correct and complete.  
Rebecca Jane Winter  
Business Manager

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Movie Reviews

# Cinemattech Brings Bergman Flicks

Saturday night at 7:30, Cinemattech is kicking off its fall term series with a pair of contemporary Swedish films directed by Ingmar Bergman: *The Seventh Seal* and *Through a Glass Darkly*. Cinemattech, for those of you who are ignorant or shy, is a student-run, non-profit film group sponsored exclusively by the Caltech Y; it projects classy foreign and domestic films onto the silver screen of Baxter Lecture Hall on most Saturday nights (the day after ASCIT movies). The audiences tend to be cultured, sophisticated and educated—that mostly from the real world or the Humanities faculty—but since Cinemattech offers a discounted admission of \$1.00 to ASCIT or YC members (down from \$1.50 general), students also may take advantage of this opportunity to sit in on some great flicks. Please note that this is \$1.00 for two or even three films; also, movie tickets are available which enable students to experience six hours of film for four bucks, or allow world people to attend the Saturday nights for six bucks. If interested in taking advantage of these fabulous series ticket

offers contact Bob Tajima, Cinemattech Film Czar, o/c Blacker House, or leave a note with the friendly people at the Caltech Y, mail code 218-51, or phone ext. 2163.

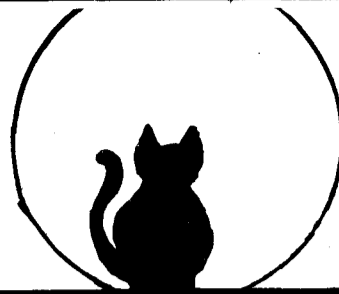
Ingmar Bergman is perhaps the foremost of the contemporary Scandinavian film artists; certainly he has achieved a great measure of international critical acclaim and has captured a camp following in the American audience. The tone of his works have ranged from weightless comedies to black, obsessive psychological tragedies. Bergman has proven himself to be a master of cinematic illusion, a versatile wielder of plot and style, and a cunning director with the ability to draw dynamic performances from his small repertoire of favored actors.

*The Seventh Seal* (1957) is a black, medieval portrait of an uncertain world; the film, which was awarded a jury prize at the Cannes festival, may be interpreted as allegory of modern conflicts or as a Kierkegaardian conflict of ethos and sensuality. Max von Sydow plays the protagonist, an idealistic knight who, with his cynical and lusty

Squire (Gunnar Bjornstrand), returns from the Crusades to a fourteenth century Sweden lost in the anarchic depths of the Middle Ages. The Knight is an ethical man with a Quest: to find a rational and intellectual Truth behind the ravaged and wayward world of terror, torture, sadism, and the plague. He encounters Death incarnate, who has come to claim the Knight's life, but is challenged by him to a game of chess. The crusader is free to search for a meaning to life so long as he can delay Death on the chessboard. Thus, the film builds into theatrical suspense as the Knight travels homeward, amid a background of evil priests, witch-burnings, miracles, flagellation, and the Devil. The modernistic and rational idealism of the visionary Knight is counterpoised against the hedonistic cynicism and horniness of the Squire. If interpreted as a contemporary allegory, the Knight may be the anxious, introspective Christian of post-atomic, Cold War Europe, and the Squire the consciousness and active principle of those who must live with Death. The title of the film is taken from the Revelation of St. John: God's Book of Secrets is a scroll of parchment with seven seals; not until the seventh seal is broken may the ultimate truth of existence be revealed.

*Through a Glass Darkly* (1961) is the first of Bergman's film trilogy dealing with the attitudes of individuals toward

Continued on Page Six



## Techer After Dark

by Pam

### Are You Ready To Be Entertained?

This past week I followed my own advice by making use of free tickets to two excellent events: The Preservation Hall Jazz Band and The Ice House. So far my advice has not been bad. I hope some readers also attended these, but I have been told by many people that the last thrilling occurrence they can recall was viewing "Pink Flamingos." Techers have been characterized as an insane species but possibly there is hope left that a brave few will lift up their eyes and behold the Real World outside of Caltech. If you are one of these hearty souls, read on, otherwise go troll Dungeons and Dragons.

Tonight, tonight... ASCIT is showing "Cat Ballou" in Baxter at 7:30 and 9:30. Lee Marvin won an academy award for his role as the drunken gunfighter. The Ice House has a fine show running until Oct. 12. Look elsewhere in the Tech for the review. Some people are really getting off on French movies at the L.A. County Museum of Art. Tonight they are "Breathless" and "The Sign of Leo." Admission is \$1.50 with ID at 8 p.m. at 5905 Wilshire Blvd. The play "The Norman Conquests" opens at the Ahmanson Theatre. Good seats are expensive, but for Thursday matinees, the orchestra seats are \$6.50. Group rates are also cheaper. Call 626-5781 for information.

Tomorrow... Cinemattech has Bergman night with "The Seventh Seal" and "Through a Glass Darkly." The latter film has been considered Bergman's finest. Well worth the measly \$1.00 admission. Showtime is 7:30 in Baxter. The L.A. County Museum movies for Saturday are "Masculin-Feminin" (You must have heard of this one) and "Zazie dans le Metro." The information for Friday applies to these also. At Beckman, 8 p.m. tonight, Claudine Carlson and Douglas Lawrence will present a duo vocal concert. Students are \$3.00.

Monday... Caltech Lecture Series at 8 p.m.: "Satellite

Photography and Computers: New Views of the Earth." The speaker is Alexander Goetz of JPL.

Student subscriptions for L.A. Philharmonic season tickets are now being taken. The savings are 50%, and one can choose loge, balcony, or rear orchestra for any of four Thursday and Friday series. Call 626-5781 ext. 642 before Oct. 20.

Baxter Art Gallery has a new Modern Art exhibit running until Nov. 2. The Gallery is open Tuesday through Sunday, 12 to 5.

### PHJB

Very few musicians can create a mood as well as the Preservation Hall Jazz Band did last Friday night. When I closed my eyes I imagined myself in a sleazy New Orleans street where music oozes out of tiny bars and mixes with the dim street light. That is the most apt place for the PHJB for their music is very earthy, human and sometimes even raunchy. Such warmth affects an audience and Beckman's was no exception. Everyone thoroughly enjoyed themselves. During the final number: "When the Saints Go Marching In," members of the Band led some of the audience around the auditorium then onto the stage to dance.

The Band applied their Dixieland touch to both new and old tunes (such as "Amen"), but also played a few blues numbers. All were stupendous. If Beckman ever brings the PHJB back again try to see it this time.

There is a new twist to that coin you see being flipped before most college football games this fall. In fact, officials could be asking team captains if they want Paul Revere or the Minutemen, instead of heads or tails. The coin used is likely to be the official 1975 Bicentennial commemorative medal. The medal commemorates the famous ride of Paul Revere and depicts the Minuteman Statue on Lexington Common as a tribute to the small band of volunteers who "fired the shot heard round the world." Did you care?

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## 1975-76 SEASON EVENTS

*presented by the CALTECH FACULTY COMMITTEE ON PROGRAMS*

### 1975

- Sat., Oct. 11 – 8:00 p.m. (Beckman) Duo vocal concert by DOUGLAS LAWRENCE & CLAUDINE CARLSON (\$6,5,4, students section \$3)
- Mon., Oct. 13 – 8:00 p.m. (Beckman) Watson Caltech Lecture: Satellite Photography and Computers, by Alexander F. H. Goetz (Free)
- Fri., Oct. 17 – 8:00 p.m. (Beckman) Armchair Adventure: Germany GERMANY, with Dick Reddy (\$3.50, 2.75)
- Fri., Oct. 17 & 18 – 8:00 (Ramo) Spectrum Production 9: HOME, by David Storey (General Admission \$4, students \$2)
- Sat., Oct. 18 – 8:00 p.m. (Beckman) TOCCATAS & FLOURISHES (\$6,5,4, student section \$3)
- Sun., Oct. 19 – 5:00 p.m. (Ramo) Spectrum Production 9: HOME, by David Storey (General Admission \$4, students \$2)
- Sun., Oct. 19 – 8:00 p.m. (Dabney Lounge) Dabney Lounge Chamber Concert: KATHLEEN KONG, pianist (Free)
- Thu., Fri. & Sat., Oct. 23, 24 & 25 – 8:00 p.m. (Ramo) Spectrum Production 9: HOME, By David Storey (Gen. Adm. \$4, students \$2)
- Fri., Oct. 24 – 8:00 p.m. (Beckman) HORACIO GUTIERREZ, pianist (\$6,5,4, student section \$3)
- Sat., Oct. 25 – 8:00 p.m. (Beckman) Jazz by the LA4; Laurindo Almeida, Ray Brown, Shelly Manne & Bud Shank (\$6,5,4, student section \$3)
- Sun., Oct. 26 – 3:30 p.m. (Beckman) Coleman Chamber Concert: LA SALLE QUARTET (\$7.00,5.75,4.75,3.00; \$1.50 reduction for students)
- Mon., Oct. 27 – 8:00 p.m. (Beckman) Watson Caltech Lecture: Nature and Nurture in Birdsong, by Masakazu Konishi (Free)
- Tue., Oct. 28 – 8:00 p.m. (Beckman) Leakey Foundation Lecture: Early Hominids in Tanzania, by Mary D. Leakey (\$4.25, students \$3.50)
- Fri., Oct. 31 – 8:00 p.m. (Beckman) THE MANY FACES OF LOVE, with HUME CRONYN & JESSICA TANDY (\$7,6,5, student section \$4)
- Sat., Nov. 1 – 8:00 p.m. (Ramo) DAVID GRIMES, guitarist; Benefit Concert (Patron \$10, Gen. Adm. \$5.50, students \$4)
- Sat., Nov. 8 – 8:00 p.m. (Ramo) Renaissance and Baroque music by the VIRTUOSO CONSORT (Gen. Adm. \$5.50, students \$4)
- Sun., Nov. 9 – 8:00 p.m. (Dabney Lounge) Dabney Lounge Chamber Concert: USC OPERA WORKSHOP, with Natalie Limonick (Free)
- Mon., Nov. 10 – 8:00 p.m. (Beckman) Watson Caltech Lecture: The Contribution of Progressive Myopia to the Rise of Impressionism: Visual Problems in the History of Art, by Cary Lu (Free)
- Fri., Nov. 14 – 8:00 p.m. (Beckman) Armchair Adventure: GREECE, with Sherilyn & Matthew Mentis (\$3.50,2.75)
- Wed., Nov. 19 – 8:00 p.m. (Beckman) Leakey Fdn. Lecture: Chimpazees: Relationship between Neighboring Communities, by Jane Goodall (\$4.25, students \$3.50)
- Fri., Nov. 21 – 8:00 p.m. (Beckman) MORCA: Flamenco in Concert (\$6,5,4, student section \$3)
- Sun., Nov. 23 – 3:30 p.m. (Beckman) Coleman Chamber Concert: FRANCESCO TRIO (7.00,5.75,4.75,3.00; \$1.50 reduction for students)
- Mon., Nov. 24 – 8:00 p.m. (Beckman) Buwalda Memorial Lecture: Materials from the Earth: The Stuff Things Are Made Of, by James Boyd (Free)
- Fri. & Sat., Dec. 5 & 6 – 8:00 p.m. (Beckman) THE FESTIVAL OF LIGHT (\$4, students \$3)
- Sun., Dec. 7 – 4:00 p.m. (Beckman) THE FESTIVAL OF LIGHT (\$4, students \$3)
- Fri., Dec. 12 – 8:00 p.m. (Ramo) Spectrum Production 10: Concert reading – ARIADNE, by Thomas Corneille, re-created in English by O. Mandel (Gen. Adm. \$1.50, students \$1)
- Mon., Dec. 15 – 8:00 p.m. (Beckman) Watson Caltech Lecture: The Universe – Open or Closed, by James E. Gunn (Free)

### 1976

*(Tickets for these events on sale Nov. 2, 1975)*

*(below subject to change)*

- Mon., Jan. 5–8:00 p.m (Beckman) Watson Caltech Lecture: The Eternal Triangle, by Richard A. Dean (Free)
- Wed., Jan. 7–8:00 p.m (Beckman) Leakey Fdn. Lecture: The Serengeti Lion, by George B. Schaller (\$4.25, students \$3.50)
- Sun., Jan. 11–8:00 p.m (Dabney Lounge) Dabney Lounge Chamber Concert: CHAMBER PLAYERS OF THE L.A. RADIO ORCHESTRA (Free)
- Fri., Jan. 16–8:00 p.m. (Beckman) Fredd Wayne as BENJAMIN FRANKLIN, CITIZEN (\$6, 5, 4, student section \$3)
- Sat., Jan. 17–8:00 p.m. (Beckman) WHITTAMORE & LOWE, duo pianists (\$5.50, 4.50, 3.50, student section \$2.50)
- Mon., Jan. 19–8:00 p.m. (Beckman) Watson Caltech Lecture: Does Airline Regulation Benefit the Consumer? by Michael E. Levine (Free)
- Fri., Jan. 23–8:00 p.m. (Ramo) JEFFREY SOLOW, cellist (Gen. Adm. \$5.50, students \$4.50)
- Sat., Jan. 24–8:00 p.m (Beckman) Armchair Adventure: CAPE HORN & AROUND THE WORLD, with Irving Johnson (\$3.50, 2.75)
- Sun., Jan. 25–3:30 p.m (Beckman) Coleman Chamber Concert: CASSENTI PLAYERS (\$7.00, 5.75, 4.75, 3.00; \$1.50 student reduction)
- Fri., Feb. 13–8:00 p.m. (Beckman) Armchair Adventure: WONDERFUL MEXICO, with William Madsen (\$3.50, 2.75)
- Sat., Feb. 14–8:00 p.m. (Beckman) GEORGE MGRDICHIAN (\$5.50, 4.50, 3.50, student section \$2.50)
- Sun., Feb. 15–8:00 p.m. (Dabney Lounge) Dabney Lounge Chamber Concert: JILL SHIRES, flute, MAURITA THORNBURG, soprano, & JANICE WHEELER, piano (Free)
- Wed, Feb. 18–8:00 p.m. (Beckman) Leakey Fdn. Lecture: The Survival of the Wisest, by Jonas Salk (\$4.25, students \$3.50)
- Fri., Feb. 20–8:00 p.m. (Beckman) P.D.Q. BACH (\$7.50, 6.50, 5.50, student section \$4.50)
- Sun., Feb 22–3:30 p.m. (Beckman) Coleman Chamber Concert: BACH ARIA GROUP (\$8.00, 6.75, 5.75, 4.00; \$1.50 student reduction)
- Mon., Feb. 23–8:00 p.m. (Beckman) Lauritsen Memorial Lecture: (speaker to be announced) (Free)
- Fri., Feb. 27–8:00 p.m. (Ramo) FERNANDO VALENTI, harpsichord (Gen. Adm. \$5.50, students \$4)
- Sat., Feb. 28–8:00 p.m (Beckman) WILLIAM WINDOM PLAYS "THURBER" (\$6, 5, 5, student section \$3)
- Fri., Mar. 5–8:00 p.m. (Beckman) VIENNA CHOIR BOYS (\$7.50, 6.50, 5.50, student section \$4.50)
- Sat., Mar. 6–8:00 p.m. (Ramo) L.A. Opera Guild presents VERSIE MAY RICHARDSON HENRY, and other artists (Patron \$10, Gen. Adm. \$5, Students \$3)
- Sun., Mar. 7–8:00 p.m. (Dabney Lounge) Dabney Lounge Chamber Concert: LOUIS GOLDSTEIN, piano, DAVID ROSENTHAL, percussion, JEANNE CLAUSSEN, violin, STEFANI STARIN, flute, ALAN SOLOMON, clarinet, & TODD MANLEY, percussion (Free)

*(1976 EVENTS CONTINUED ON NEXT PAGE)*



## 1975-76 SEASON EVENTS

### 1976 (cont.)

- Mon., Mar. 8—8:00 p.m. (Beckman) Watson Caltech Lecture: (speaker to be announced) (Free)
- Fri., Mar. 12—8:00 p.m. (Beckman) CARLOS MONTOYA, flamenco guitarist (\$7.50, 6.50, 5.50, student section \$4.50)
- Sat., Mar. 13—8:00 p.m. (Beckman) National Shakespeare Company in *THE TEMPEST* (\$7, 6, 5, student section \$4)
- Fri., Mar. 26—8:00 p.m. (Beckman) Armchair Adventure: WALES, with Sid Dodson (\$3.50, 2.75)
- Mon., Mar. 29—8:00 p.m. (Beckman) Watson Caltech Lecture: (speaker to be announced) (Free)
- Fri., Apr. 2—8:00 p.m. (Beckman) CLAUDE KIPNIS MIME THEATRE (\$6.50, 5.50, 4.50, student section \$3.50)
- Sat., Apr. 3—8:00 p.m. (Ramo) Many Arts of Science Festival (Free)
- Sun., Apr. 4—3:30 p.m. (Beckman) Coleman Chamber Concert: AMERICAN BRASS QUINTET (\$7.00, 5.75, 4.75, 3.00; \$1.50 reduction for students)
- Fri., Apr. 9—8:00 p.m. (Beckman) Armchair Adventure: BACKROADS USA, with William Stockdale (\$3.50, 2.75)
- Sun., Apr. 11—3:30 p.m. (Ramo) Coleman Audition Winners Concert (\$3, students \$1.50)
- Mon., Apr. 12—8:00 p.m. (Beckman) Watson Caltech Lecture: (speaker to be announced) (Free)
- Wed., Apr. 14—8:00 p.m. (Beckman) Leakey Foundation Lecture: Synergetics: Exploration in the Geometry of Thinking, R. Buckminster Fuller (\$4.25, students \$3.50)
- Mon., Apr. 26—8:00 p.m. (Beckman) Watson Caltech Lecture: (speaker to be announced) (Free)
- Tue., Apr. 27—8:00 p.m. (Beckman) Coleman Chamber Concert: AMADEUS QUARTET (\$7.00, 5.75, 4.75, 3.00; \$1.50 less for students)
- Fri., Apr. 30—8:00 p.m. (Beckman) UTAH REPERTORY DANCE THEATRE (\$6.50, 5.50, 4.50, student section \$3.50)
- Mon., May 10—8:00 p.m. (Beckman) Watson Caltech Lecture: (speaker to be announced) (Free)
- Fri., May 21—8:00 p.m. (Ramo) MORRIS MIZRAHI, lutenist (Gen. Adm. \$5.50, students, \$4)
- Mon., May 24—8:00 p.m. (Beckman) Watson Caltech Lecture: (speaker to be announced) (Free)

### STILL MORE TO COME

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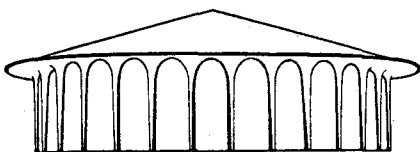
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### SPECIAL DISCOUNTS FOR CALTECH/JPL

**CALTECH FACULTY AND STAFF** — both campus and JPL — receive a 10% DISCOUNT on tickets for most Caltech events purchased before noon of the day of the performance.

**CALTECH STUDENTS** receive a 30% DISCOUNT on tickets for most Caltech events subject to the same restriction and with a limit of 2 tickets per event per student. Additional tickets may be purchased at the regular staff discount.

**CALTECH STUDENT "RUSH"** tickets (limited to 2 per event per student) will be offered at \$1.00 each for any unsold tickets for most Caltech events, beginning at 10:00 a.m. on the day of the performance.



# The CALTECH Coming Events

This week I'm too tired to think up a "catchy opening sentence." Please keep reading anyway.

Next Tuesday, learn some new things about the basic nature of the universe. Dr. Kip Thorne, CIT professor of Theoretical Physics, will talk about cosmology, gravitational waves, and black holes (!) in the Y lounge at noon. Later, Dr. Harold Puthoff, Senior Research Engineer from Stanford Research Institute, and Dr. Robert Morris of Duke University, the 1974 President of the American Parapsychological Association, (whew!) will hold a panel discussion on Psi in Winnett Lounge at 7:30 p.m. "The Whatnot of the Cosmos" and "The Discipline of Parapsychological Research" are not boring lectures! They will both be small group discussions and, as such, they are excellent

opportunities to learn the *concepts* (rather than the *rigor*), from the experts in the fields.

On Friday appears the year's first Noon Concert. To quote our Program Highlights: "The Second City Review is currently performing at Fig Newtons' in Pasadena. They come out of Chicago and are considered the best in improvisational comedy and social ridicule. Bring a lunch and look for some dry grass."

Announcing! (Jazz buffs take note): the jazz concert last year went over so well we are going to present a free series of three during first term. These shows, in Baxter Lecture Hall at 7:30 p.m., will feature the original musicians of the '30s and '40s. To wit:

20 Oct.—*The Swing Era*: Barney Bigard; Nick Fatool; Bret Woodman; Ray Leatherwood.

3 Nov.—*The Bebop Era*: Art Pepper; Sahib Shihab; Harry Basin; Roy Porter; Joe Albany.

17 Nov.—*The Free Form Era*: The Bobby Bradford and Johnny Carter Quintet.

Last (but not least) we will in the future be posting the sign-up sheets for the L.A. Philharmonic on the Friday mornings before the shows, which are Thursday evenings. The next show with seats still open will be 30 Oct. I'll be discussing that one two weeks from now.

—Alan Silverstein



## Good Ice

I had heard about the Ice House from reading a year's worth of the *Tech* and Nick Smith's "Frets and Frails", but somehow it had never seemed to me to be the last word in where to go. Alas, I had been mistaken.

I accompanied our entertainment editor to The Ice House last Tuesday night for the first time and received some very pleasant surprises. First of all, The Ice House is close: it's just north of Colorado on Mentor, which is one block this side of Lake. I was expecting some smoke-filled hideaway with wasted hippies and beatniks strumming meaningful tunes on their guitars. Instead I got some top-notch entertainment and good food. The prices are incredibly reasonable: Admission is \$1.50, and food and drinks are fairly priced. The atmosphere is congenial, and if you want to chat instead of watch the show, they have many convenient niches and booths outside of the main theater. The seating is comfortable and the sound system is good.

Opening the show this week, until October 12, is a four-man group called Pecos. They have a very pleasant folk-rock sound; not at all twangy or otherwise unmusical. Each of the four were very talented musicians, and they performed primarily original numbers. Their sound was not unlike "Eagles".

Frank Welker followed Pecos with an enjoyable stand-up comic routine. This man is no amateur—he's had experience on the

## Pretty Fair Frets

tube and stages all over. The audience got into his act by recommending impressions, and he was surprising in his ability to answer every challenge with a hilarious routine.

The headliner for the week is a solo artist, Michael McGinnis. His entire act was original and his style of performance enjoyable. He has an excellent command of the tools of his trade, the guitar and piano. His vocals were varied, impressively precise, and entertaining. He, too, is a veteran performer and recording artist. His folk-rock tunes and ballads were really well written and performed. "You'll enjoy this a lot more if you just imagine that we're the Doobie Brothers up here!" I enjoyed them; he and his bass player really put on a show.

Shows start at 8:30 and 10:30, Monday through Thursday; 8:30, 10:30 and 12:30 on Friday and Saturday. Sunday they have a "Hootenanny/Showcase," and I'm not sure what that is, but I'm looking forward to finding out.

—Mojo

Continued from Page Three  
the existence of a God. On a more obvious level this film considers matters close to the minds of Techers: schizophrenia and adolescence. In an isolated summer house on the Baltic, a drama is played out over a period of twenty-four hours; a middle-aged writer (Gunnar Bjornstrand) and father becomes a detached observer and participant in the mental collapse of his married daughter (Harriet Andersson), who is drifting apart from her uncaring husband, and who enters into an incestuous relationship with her brother, an adolescent filled with guilt and sexual inadequacy. The viewer can perceive the universe through the eyes of the girl as she sinks into insanity and into hallucinatory visions of God. This film is a tight existentialist play with brilliant camera work exploited to reveal the feelings of the actors. Overall, it represents an exploration of the flight of the insane girl into the land of death and the actions and motivations changes in those close to her; the title is from Corinthians I, where St. Paul describes the instant death: "For now we see through a glass darkly, but then face to face: now I know in part; but then shall I know even as also am known."

# More News Briefs

Continued from Page One

### Amateur Hams?

The Caltech Amateur Radio Club will meet this Wednesday evening at 10:30 in Clubroom One, Winnett Center. Grand and glorious plans for the club will be discussed, and new members will be introduced to W6UE. Contact Morris Jones, WB6DJP, 233 Ruddock, for more information.

### Play War

This week the Caltech Gamers present World War II naval miniatures, starring the famed Tokyo Express at its finest during the summer of 1942. For those that don't like miniatures, various board games will be available. As usual we will meet at 7:30 on Saturday in Dabney Hall Lounge.

### Fred Lives!

For those of you otherwise uninformed, Dungeons & Dragons plus boardgames are now

scheduled for Clubroom 1, Winnett Center on Friday evenings, from about 7:30 on. No more door rattling!

### Class Reruns

The Class runoff elections which were scheduled to be held Thursday, Oct. 9, 1975 have been postponed to Thursday Oct. 16, 1975. The still unresolved offices are: Sr. Class president, vice president and secretary; and Junior class vice president. Election for Tech Editor will be held at the same time.

### BOC Take Note

Somebody with a master key (and warped morals) stole a plant in a hanging basket from the Y office over last weekend. That was not only asinine—it was downright ridiculous! Why don't you return it, no questions asked?

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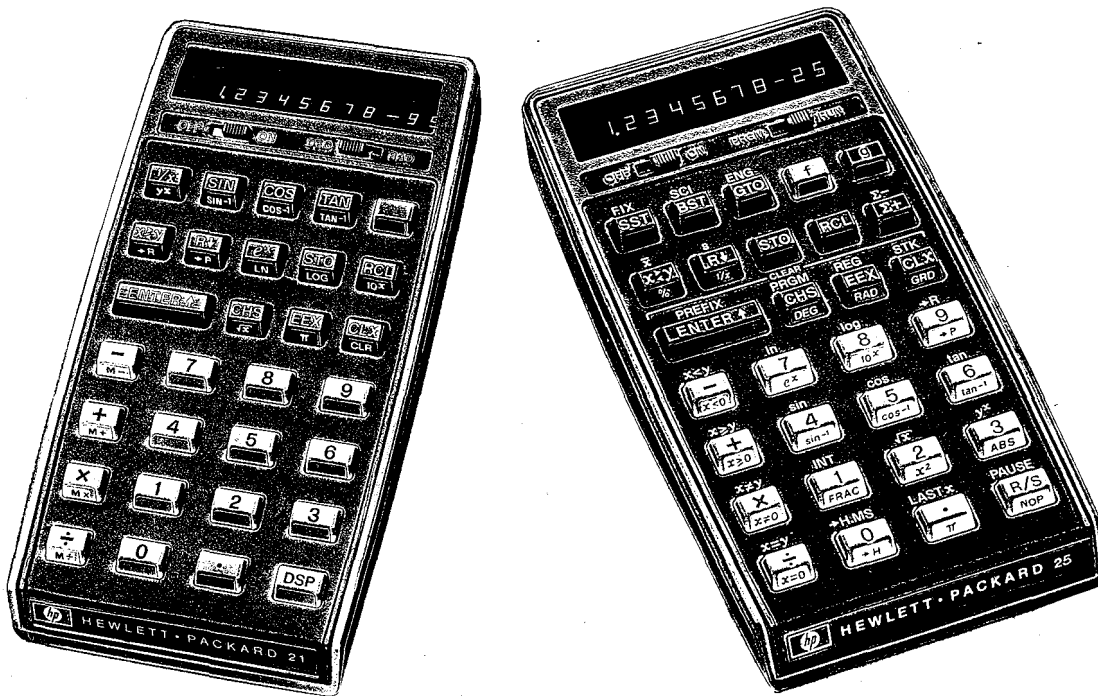
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# October 15th is HEWLETT-PACKARD DAY!

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**Come in and see these great new calculators today.**

## **CALTECH BOOKSTORE**

Exhibit and Lectures

# Psi-Search at Caltech

by Jeff Eriksen

The Caltech community is being exposed to research in parapsychology this month in two ways. First, an exhibit has been placed in Baxter Hall outlining the history of psi research. Second, the Caltech Y is featuring not one, but two psi researchers in an evening discussion next Tuesday evening, October 14th at 7:30 in Winnett Lounge.

What is meant by "psi"? As delineated many years ago, psi includes psychokinesis ("mind over matter") and ESP (extrasensory perception). ESP is further subdivided into a) telepathy or "mind to mind" communication, b) clairvoyance or sensing without the known physiological sense organs, and c) precognition or sensing non-inferential information about the future. Pretty far-out topics (except for the sci-fi freaks in the audience) but there exist people who actually submit such notions to empirical (yea, even theoretical) studies.

One of these psi researchers is Dr. Harold Puthoff of the Stanford Research Institute (which is separate from Stanford University). He will be speaking Tuesday on what it means to be a physicist and a psi researcher. A reliable JPL source mentioned that Dr. Puthoff is the author of a couple of laser books, so all you APh trolls had better show up.

Dr. Puthoff and a co-worker, Dr. Targ, have published a paper in *Nature* entitled "Information Transmission Under Conditions of Sensory Shielding," October 18, 1974, Vol. 251, Number 5476, pp. 602-607. Basically, this is a clairvoyance experiment. Those planning to attend the presentation may wish to look over this article and *Nature's* accompanying editorial before the discussion Tuesday.

Also appearing will be Dr. Robert L. Morris, publisher of more than 30 papers in the field. He is currently a lecturer in parapsychology at the University of California at Santa Barbara, and will speak about his teaching experiences and methods there

and elsewhere.

The exhibit, entitled PSI-SEARCH, was produced by Norma Bowles, former president of ARCS, Inc. (Achievement Rewards for College Scientists) for the California Museum of Science and Industry, in cooperation with the Parapsychological Association. The Smithsonian Institution is taking the exhibit around the country. It opened at the Museum of Science and Engineering on January 31, 1975, and comes to us from UCSB.

The exhibit was designed for the general public, hence methodology and controls are not discussed. Even among parapsychologists, some of the results cited are controversial. However, if anyone desires to look at the original work upon which the exhibit was based, please send your name to Jeff Eriksen c/o Ruddock House along with the reference title (the titles appear on some of the panels in the exhibit) and we'll see what we can do for you. Comments on the exhibit, next week's speakers, and psi research in general are also welcomed and solicited.

# Scholarships

Continued from Page Two to which the applicant has a commitment or in one of potential commitment."

Seniors who are interested in applying for a Watson Fellowship should contact the office of the Dean of Students, 210 Dabney, and submit a preliminary essay before October 17th.

## Danforth

The Danforth Foundation, created by the late Mr. and Mrs. William H. Danforth in 1927, is a national, educational philanthropic organization, dedicated to enhancing the humane dimension of life. The major thrust of the Foundation embraces the theme of improving the quality of the teaching/learning environment. Assistance is provided to men and women through programs sponsored and administered by the Foundation, and to projects, programs, and institutions through grant-making activities. Within a broad range of education, the Foundation focuses on support of higher and secondary education on the national scene, and on urban affairs in the metropolitan St. Louis area.

The reason why all this is

being mentioned in these pages is because the Foundation is in search students for Fellowships. These Fellowships are open to all qualified persons of any race, creed or citizenship, single or married, who have serious interest in careers of teaching and/or administration in colleges and universities, and who plan to study for a PhD in any field of study common to the undergraduate liberal arts curriculum in the United States. Applicants must be under 35 years of age at the time application papers are filed, and may not have undertaken any graduate or professional study beyond the baccalaureate. *Persons must be nominated by Liaison Officers of their undergraduate institutions by November 20, 1975.* The Danforth Foundation does not accept direct applications for the Fellowships.

The award is made for one year, and it is normally renewable until completion of the degree or for a maximum of four years of graduate study. Fellowship stipends are based on individual need, but they may not exceed \$2275 for single Fellows and \$2450 for married Fellows for the academic year, plus dependency allowances for

children and required tuition and fees.

Interested students should contact J.J. Morgan, Prof. EE 8 ext. 1394 or 2351.

Continued from Page One

editor. Something was fishy here and I meant to solve it at its source.

I raced across Winnett Mall to the Tech building and took the express elevator to the Photo Floor. I burst into Yoshida's office without knocking.

"All right, Yoshida, what's the deal?"

"Ah, Mukrakker. I've been expecting you." He tapped a pile of photographs beside him on the desk. "I've been following your progress on this assignment. You've given us enough material for two extras and an editorial. But I'm afraid that you're still very far from the truth."

I gasped. "You... you mean you knew all along who...?"

He chuckled. "Oh, yes, indeed. I'm surprised it took you so long Mukrakker."

The phone buzzed. He picked it up and listened. "Yes, He's here... Why don't you come and see him yourself?.. Right."

He smiled and told me, "The Chief's on his way."

Then it struck me. Of course the Tech itself! Those interminable assignments, the unmettable deadlines, the overwork... Yoshida was safe; too much of a politician to be dispensable, not to mention the blackmail possibilities as ubiquitous Photo Editor...

The door opened and the Chief waddled in. "Well, Mukrakker! A fine job. Now, for the follow-up, why don't you..."

I had no choice. I had to protect the rest of the Tech staff from the fate of the editors.

So I wasted him.

## Classified Ads

LOST FRIDAY Oct. 3rd, vicinity of Beckman Auditorium: gold watch band initialed M.F. in small satin case. Great sentimental value. REWARD. Return to Flora's Office.

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