

Volume LII.

**Gala Tea Dance Set For Sunday****Y Promises 115 Luscious Local Femmes, Vaudeville, to Entertain New Students**

Sunday will be the big day for all Caltech freshmen and other new undergrad students. Once again the annual Frosh Tea Dance will be presented by the YMCA; the place is the Dabney Hall of Humanities, and the time 2:30 till 5:30 this Sunday afternoon.

About 115 young and blushing damsels from Muir, Occidental, South Pasadena High, and Pasadena City College have been invited; when transportation must be provided by Tech, frosh and new students will generally be assigned to these grand missions.

**Mixers Featured**

The dance itself will take place both in the Dabney lounge and on an outdoor floor set up in the Dabney garden. Phil Orville, chairman of the dance committee, has promised the best recorded tunes available for the event, and printed programs as well as name tags will be distributed at the door. Mixer dances will be a special feature, so that no new student need worry about getting acquainted.

During the intermission, a fun-packed variety show, which has always highlighted the dances of preceding years, will be staged by Master of Ceremonies Stan Groner—a couple of very lively musical quartets are promised.

(Continued on Page 4)

**Film Series Announced**

Film Classics Assemblies featuring movies old and new, silent and sound, from science fiction to existentialism will be offered this term.

Memberships in the series, to be held bi-weekly in Culbertson, at 7:30 p.m. Sunday and Monday, will be offered to Caltech students and personnel for 90 cents apiece.

**Schedule**

Oct. 8 & 9—**Camille** (1936), with Greta Garbo, Robert Taylor, Lenore Ulric and Lionel Barrymore.

Oct. 22 & 23—**Woman Trouble** (Italy—1949), with Anna Magnani.

Nov. 5 & 6—**The Cabinet of Dr. Caligari** (Germany—1919), with Conrad Veidt.

Nov. 19 & 20—**Robin Hood** (1922), with Wallace Beery, Douglas Fairbanks.

Dec. 3 & 4—**The Chips Are Down** (France—1948), with Micheline Presle, Marcel Pagliero, and Marguerite Moreno.

**The Chips Are Down** was (Continued on Page 4)

**Journalism Offered**

All those interested in attending a journalism course, please notify Professor G. R. MacMinn, Dabney, or attend the first class to be held Monday night at 7:30 in 211 Dabney.

One need not work on the Tech, or take the course (En 15a) for credit in order to attend the weekly classes. All interested in journalism and newspapers are urged to attend.

**Help Wanted**

Whoever heard of a job in which no experience is required, lots of weekly fun is promised, lasting associations with famous journalists are formed, and no troublesome pay checks come in to clutter up one's mail box?

In all seriousness, though, working for the California Tech provides both enjoyment and real education—whether it be in the news, feature, sports, photographic or copy departments. Anybody on the Editorial Board would be delighted to talk it over with interested students who would consider lending a hand on this worthwhile activity.

See Bob Kurland, Dabney 4, or come down to the California Tech office in lower Fleming 8:30 Monday night if you're interested.

**Rushing**

The rotation system helps to acquaint the new students with the upperclassmen in each house

(Continued on Page 4)

**California Institute of Technology**

Friday, September 29, 1950

No. 1

**Get Acquainted At Scripps Hop Tomorrow Nite!**

Tomorrow evening most of Caltech will migrate en masse to that haven to the East, our beloved "sister school," Scripps College for Women. The event is the annual get-acquainted exchange dance, sponsored by the ASCIT and Scripps Social Committees.

**House Distribution**

It is planned that at 8 p.m., when the big evening is set to get under way, those students representing the various houses at Tech will convene at assigned Scripps halls, according to the following scheme: Blacker House will start the evening at Dorsey Hall, Dabneyites will gather at Browning, Ricketts will go to Toll Hall, and Fleming is assigned to Clark. Throop Club will divide roughly between both Dorsey and Browning Halls. Of course, after the festivities get started, Techmen may circulate from one hall to another.

**Added Features**

Name cards will be provided for rapid identification, and the use of a pocket notebook with attached pencil has been advised by the cleverer and experienced Tech students. There will also be many mixers designed to help everybody get acquainted within a short time.

Caltech plans to supply the phonograph records and amplifiers for the occasion, as well as the males. Scripps will have plenteous and tasty refreshments on hand which should hold out until the dance reaches a conclusion at midnight.

This exchange dance has always been one of the finest social events of the school year, due in major part to the inevitably large and enthusiastic turnout. This year should, indeed, be no exception.

**Two New RA's Assume Duties**

Two new resident associates have assumed their duties for the coming year in Dabney and Ricketts Houses—Dave Mason for the Rowdies, and Don Norris for the Darbs.

Dave was graduated from Tech as a member of Throop in 1943 and entered the Navy as an aviation ordnance man for the war. After that he came back to Caltech for grad work in chem engineering, receiving his Ph.D. in 1949.

**Newcomers**

The new Ricketts RA, a native of L.A., is doing research work for the jet propulsion lab and is also teaching a senior course in industrial chemistry.

The new Dabney RA, Don Norris, is a native of Canada. He graduated from the University of Toronto with a Bachelor of Arts in Geology, and later received an M.A. degree in astronomy, also at Toronto.

During the war, Don spent his summers with the Royal Canadian Naval Volunteer Reserve in the Bay of Fundy, and also worked as a computor at the David Dunlap Observatory, near Toronto.

**Kline New Leader Of Tech Orchestra**

At its first rehearsal next Wednesday the Caltech Orchestra, under the direction of its new conductor, William Kline, will read through the Beethoven First Symphony and possibly a concerto grosso.

The orchestra hopes for sufficient instrumentation so that it can read over the better musical literature as well as put on several performances during the year.

Mr. Kline founded the East Los Angeles Civic Symphony Orchestra and also teaches in the East Los Angeles City College.

(Continued on Page 4)

**Jazz Combo Plays Today At Culbertson Assembly****Dave Brubeck "Metronome" Award Trio In Year's First ASCIT Program**

Appearing today in the first assembly program of the year will be the trio led by Dave Brubeck, current favorite in the field of modern jazz. The program, to begin at 11 a.m. in Culbertson, will feature the boppish piano of Brubeck, who is winner of this month's award by Metronome, musical trade magazine. Completing the combo are Ron Crotty, bass, and Cal Tjader, drums.

**Records Available****New Building, Grass Lift Campus Face**

575,000 dollars' worth of newly completed Engineering Building, and fresh green (!) grass (!) on the esplanade between Kerchoff and the Geology Buildings are two of the summer face-lifting jobs greeting CIT students returning to the campus.

The new Engineering Building, located next to the Mechanical Engineering Building, was begun last fall in a move to relieve crowded engineering facilities.

Located in over 35,000 square feet of floor space will be X-ray photo labs (in the basement), materials and construction testing labs in rooms with humidity and temperature controls (first floor), and increased facilities for research in vibration effects, metallurgy, and metallography.

**No More Planned**

Moving into the new structure is essentially complete, according to the Buildings and Grounds department. Building and Grounds also states that no more buildings are planned in the near future, since the new one supplies

(Continued on Page 4)

**Draft Boards Defer Techmen**

All regularly enrolled Caltech students should be able to complete the present academic year without fear of being drafted, judging by the present situation. This heartening news was the substance of a bulletin issued by Dean Jones and distributed to all registrants.

**Deferment Possible**

Students of draft age, 19 through 25, who are classified 1-A, are eligible to apply to their local board for a renewable deferment of from six months to a year, with reclassification to 2-A. To be eligible for such deferment the student must have completed at least one academic year of college work, and be ranked in the upper half of his class.

Appeal for deferment should be made to the board immediately after notice of classification of 1-A.

Students who cannot qualify for deferment, such as freshmen, those in the lower half of their class, etc., should apply for a postponement of induction to complete the current academic year. The boards prefer that such applications not be sent until immediately after receipt of notice of induction.

**See Deans If Necessary**

The registrar's office is prepared to provide enclosures supporting your appeal for deferment or postponement. If you receive an induction notice after sending a deferment application, or you do not hear promptly from your appeal for postponement, see Dean Jones.

Members of the reserve and National Guard are seldom subject to draft, so the above data does not apply to them. Any reservist or guardsman called to active duty should see Dean Jones about requesting a postponement of return to service.

**Present Situation Temporary**

The information in the Dean's bulletin is based on data obtained from local boards, and on the situation as it stands at the present, and may not apply in the future. Unless the situation becomes more urgent, it is quite possible that deferments may be renewed for more than one year, for students in the upper half of their class.

**TEA DANCE**  
**WHEN:** Sunday afternoon  
2:30-5:30  
**WHERE:** Dabney Hall  
**WHO:** New students only

**Robertson Takes Washington Post**

New deputy director and research director of the Weapons Systems Evaluation Group of the U.S. Department of Defense is Dr. Howard P. Robertson, who has been professor of math physics at Caltech since 1947.

Dr. Robertson succeeds Dr. Philip M. Morse, WSEG'S first deputy director and research director, who joined the group shortly after its formation. He will return to MIT as professor of physics.

**Functions at WSEG**

The purpose of the WSEG is to analyze and evaluate various weapons systems under probable future combat conditions, and to make reports to the Secretary of Defense or the Joint Chiefs of Staff. Its work is considered highly important to the war effort and peacetime preparedness.

**Ph.D. at Caltech**

Dr. Robertson received his B.S. and M.S. at the University of Washington, and in 1925 was granted his Ph.D. by Caltech. Thereafter he taught at Caltech, Gottingen, Munich, and Princeton, becoming a professor here three years ago.

Other achievements of his include membership in over eight honorary societies, receipt of the U.S.A. Medal of Merit in 1946, and authorship of many research publications. He now resides in Washington, D.C.

**Kirkwood, Plessel Aid Atomic Report**

Dr. J. G. Kirkwood, Professor of Chemistry, and Dr. Milton S. Plessel, Associate Professor of Applied Mechanics, both scientists at Caltech, collaborated on two sections of the Atomic Energy Commission's most comprehensive publication designed to inform the public on atomic weapons—"The Effects of Atomic Energy."

Dr. Kirkwood contributed to the section on shock waves and blast damage, which reveals that all buildings except concrete reinforced earthquake-proof ones can be virtually destroyed out to a distance of half a mile from an atomic bomb blast. A mile away electrical installations and the like would be destroyed, steel frame buildings heavily damaged and 12-inch brick walls cracked. There will be blast damage to homes two miles away, probably followed by fire damage.

**Radiation Defenses Revealed**

Dr. Plessel contributed to the section dealing with Residual Nuclear Radiations Contamination. It was Dr. Plessel's theory that was used for calculating the scattering and transmission of gamma rays. This section deals in considerable detail with radiation effects of the bomb and measures to protect against them. It was revealed that three inches of lead or 20 inches of concrete is adequate protection against radiation from a bomb exploding half a mile away.

Among graduates of the Institute who contributed to the book or assisted in its editing were: R. M. Langer, consulting physicist; R. D. Evans, Col. B. Holzman, P. C. Fine, G. K. Hartmann, J. S. Russell and A. J. Stamm.

**It's Your Paper**

You're now reading the year's first issue of The California Tech, your newspaper.

You're probably a Caltech student and most likely a member of the ASCIT. In any case, be you parent, faculty, advertiser or student we want you to tell us what you want in the Tech.

**It's only in this way** that we on the Tech staff can put out the best paper with the skills, time, and, of course, money at our disposal.

Speaking of this last, you members of the ASCIT might note that a not inconsiderable portion of your dues helps pay for this sheet, (even though the Tech is largely supported by advertisers, whom, we might add, we hope you patronize).

Seeing that part of your money is put into the Tech, willy nilly, it's up to you to keep it a paper you'd buy by choice.

Along this line you might tell us whether there's news events you think we're not covering fully or slanting; whether there's features you'd like to see added, dropped or otherwise modified—in short any criticism is invited.

Better yet, if you feel you can write a saga, a political commentary, or humor to rival Thurber, drop in, and we'll try to use it.

As you can probably guess from the pleas for criticism and original contributions, there is only one part to the policy of the Tech this year: To make it a paper you will like; you who are in one way or another connected with Caltech.

For the most part, we'll print news about Caltech. But we'll also, in editorials about world and national questions, and reviews of plays, operas, music, and books try to throw a Caltech slant on things happening outside the brown walls of CIT. This is perhaps the novel part of this year's Tech policy and we'd like comment on it—remember, it's up to you to keep us on our toes.

**Welcome Back**

**Welcome Back!** This rather trite phrase, customarily used at this time of year by editors with space to fill and not too much to say, seems to have acquired a rather more significant meaning.

You see, there are several to whom we cannot say welcome back—several who are gone for reasons rather peculiar (to the times, that is). The draft, the reserves, the national guard . . . at any rate they're in uniform.

**The Bell Tolls**

And the bell seems to be tolling not for them alone but to be clanging for us, in the not too distant future.

The present rules used in the drafting of college students seem to lay the way for an era of the demi-god; you know—men in the upper half of the class. As a wag on the Tech staff figured, it's entirely possible that only one-fourth to one-eighth of the present freshman class will be wearing commencement robes four years from now; the rest will be in khaki.

It works this way: assume the average age of the frosh class as 18; assume also that the draft will cut by half; in their sophomore year the top half of that class will be here.

**Snigod**

Analysis is far-fetched and that it can give an indication of a situation which, we think, will become more and more tech.

great many of us, for correct or incorrect reasons, think our services will be more valuable to the country (and to ourselves) out of uniform than those performed in military uniform. This, of course, is not a blanket statement but holds true for the present situation rather well.

Hope we'll be able to say welcome back to you next year, too.

**Secretary's Report****GREETINGS:**

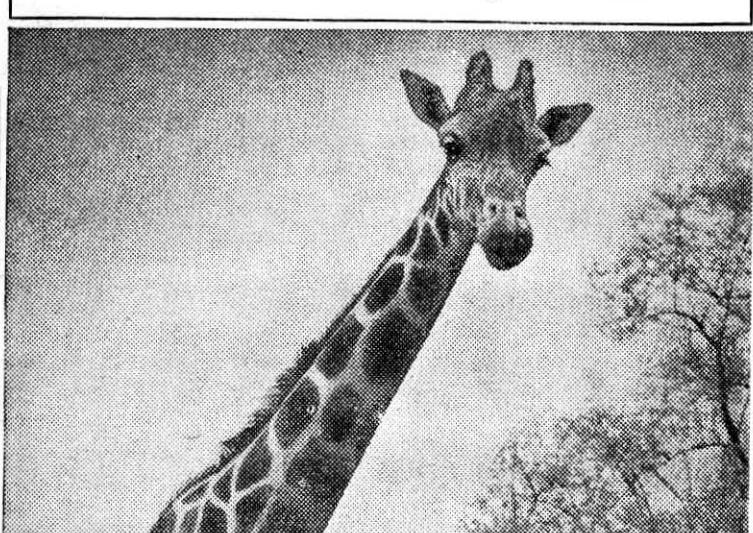
The ASCIT Board of Directors began its business of the new term last night at the usual time and place—7:45 in lower Fleming. Conspicuously missing were ASCIT Vice President Ollie Gardner and ASCIT First Representative Bob Davis. Ollie flew to Europe during the summer to get married and hasn't returned yet. Also shafted by cupid during the summer, Bob is staying out of school for a while. Due to this unexpected turn of events, a special election will be held in the very near future to fill the office of First Rep.

Duane "Editor of the Little T" Neverman reported that a fair member of the opposing sex also disrupted his summer schedule and for this reason the ASCIT bible (The Little T) will be delivered late this year.

The next meeting will be mainly devoted to planning the ASCIT activities for the term, so remember the time and place—7:15 p.m. in lower Fleming. All members of the student body are welcome.

Respectfully submitted,  
Stan Groner

**J. Paul Sheedy\*** Switched to Wildroot Cream-Oil  
Because He Flunked The Finger-Nail Test



**SHEEDY WAS NEEDY!** He was the worst neck on campus, and everybody looked down on him the minute they spotted his messy hair. Poor Paul was gonna zoom somebody until he herd about Wildroot Cream-Oil. Now, he's head and shoulders above every guy at school! Non-alcoholic Wildroot with Lanolin keeps hair neat and well-groomed all day long. Relieves annoying dryness, removes loose, ugly dandruff. So don't overlook Wildroot Cream-Oil hair tonic. Necks time you visit the nearest drug or toilet goods counter, get a bottle or tube of Wildroot. And giraffe your barber for professional applications. For a generous trial supply, free, send this ad with your name and address to Dept. D, Wildroot Co., Inc., Buffalo 11, N.Y.

\* of 327 Burroughs Dr., Snyder, N.Y.

Wildroot Company, Inc., Buffalo 11, N.Y.

**NEXT WEEK:****CAMPUS BREWINS!****The California Tech**

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# STUDENTS! MAKE MONEY WRITING LUCKY STRIKE "HAPPY-GO-LUCKY" JINGLES!

I really am a Lucky guy,  
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To prove to you how much I know,  
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I study French and English lit;  
I study Latin too,  
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It's easy! It's fun! No box tops to send! No essays to write! Just write a simple four-line jingle, and you may make \$25! Start today!

Write a "Happy-Go-Lucky" jingle, like those you see on this page, based on some phase of college life. If your jingle is selected for possible use in Lucky Strike advertising, we will pay you \$25 for the right to use it and your name in our advertising. Start today. "Happy-Go-Lucky" will soon be running in your paper. Send in your jingles—as many as you like—right away, and \$25 can be yours pronto if your jingle is chosen. Be the first to write a jingle in your school. Watch this paper for more "Happy-Go-Lucky."

**READ THESE SIMPLE INSTRUCTIONS**

1. Write your "Happy-Go-Lucky" four-line jingle on a plain piece of paper, or postcard, and send it to Happy-Go-Lucky, P.O. Box 67, New York 46, N.Y.
2. Every student of any college or university may submit jingles.

## L.S./M.F.T.-Lucky Strike Means Fine Tobacco

## Be Happy-Go-Lucky!

Enjoy truly fine tobacco! Enjoy perfect mildness and rich taste!

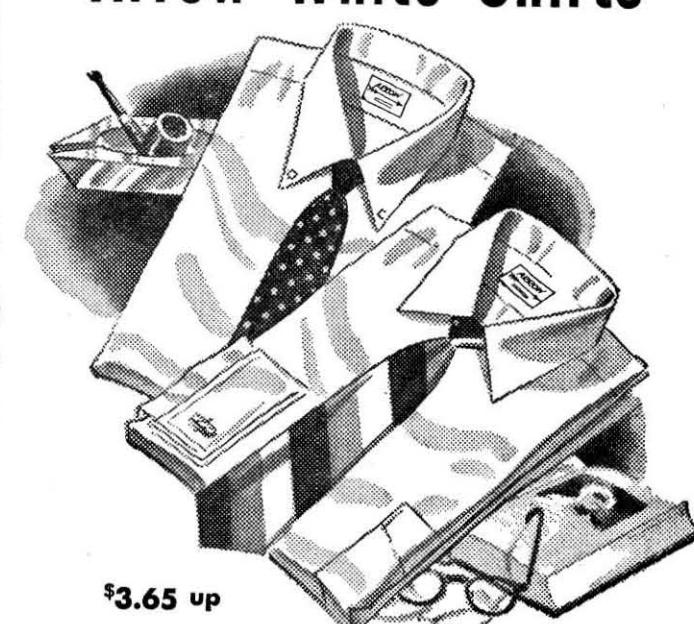


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**BACK ON EVERY CAMPUS!****Plenty Of**

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Good semester starters . . . handsome, long-wearing Arrow whites. Crisp . . . fresh . . . tailored right. In campus-approved styles, including the "Dart" (non-wilt collar), the widespread "Par" and the button-down Gordon oxford. On every campus the country over . . . and at your favorite Arrow dealer's now.

**ARROW SHIRTS & TIES**  
UNDERWEAR • HANDKERCHIEFS • SPORTS SHIRTS

FOR ARROW UNIVERSITY STYLES

# Soccer Squad Seeks New Players to Bolster Team

The soccer season is about to get under way once more. However, the team has lost several key men since last year so new recruits are not only welcome but sorely needed. If any of you Frosh have ever played, your presence out at Tournament Park will be greatly appreciated.

In fact, if any of you who have never played before but want to come out anyway, we not only welcome you but guarantee you a good time. Last year but 18 to 20 men turned out for practice, so there were never enough players for two teams to scrimmage, but we still managed to give schools like UCLA and USC, who have about 60-man squads, a good run for their money. Already this year 24 men have signed up. This assures us of two full teams as well as a few substitutes, and with the practice this will enable us to get, we might very easily beat these bigger schools.

## New Equipment

The school has given us a lot of new equipment in the way of shoes and shin guards this year. Last year we had to field many players in tennis shoes, but now it looks as though there will be enough spikes to go around.

## YOUR COLLEGE SPORTS SHOP

Headquarters for Tennis Sportswear

## WYNN MACE Tennis Shop

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904 EAST CALIFORNIA ST.  
Pasadena, Calif.

## On Laundry Day

### LOOK FOR ONE OF THESE MEN

Ricketts—Rich Smyth • Dabney—Don Vogel  
Fleming—John Marion, Al Pitton • Blacker—Ken Lunan

He Is Our Representative in Your House

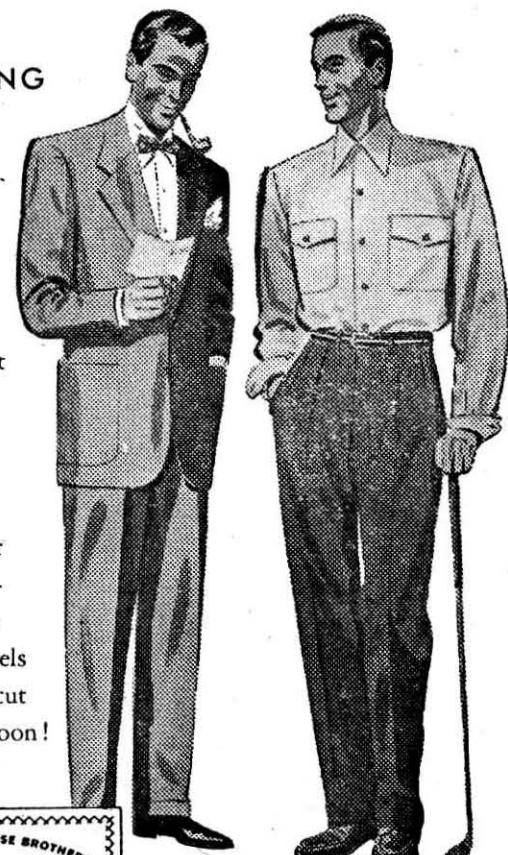
## Speedway Laundry

EXPERT LAUNDRY SERVICE

## VERSATILE PAIR FOR WEAR EVERYWHERE

# Surretwill suit

and  
HARMONIZING SLACKS



Definitely the smartest wardrobe investment for any campus man! Tailored in the traditionally fine Rose Brothers manner from an exclusive, all-wool fabric by Pacific Mills that looks and feels like gabardine. Don't cut classes, but get yours soon!



PERMANENTLY MOTHPROOFED

Surretwill Suits

now only \$45

Contrasting

Surretwill Slacks

\$13.95

See Surretwill in Pasadena at

HERTEL-BARNET CO.

# Beaver Sports

Ed Preisler is all smiles the last few days. The Frosh turned out 35 eager men. Their first game is with Whittier on Oct. 14.

The cross-country lads led by Pete Mason should turn out one or two in conference running.

The coachless water polo team, captained by "Fish" Libbey, are looking forward to a great season.

The soccer squad lost a lot of talent, but are strong enough to give the local clubs plenty of competition.

If any of that summer jack is left, grab a plane for the Bay area and cheer the Beavers against the S.F. State "Gators." Their scribes say, "Caltech

## IH Trophy War Starts Next Week

Interhouse Trophy competition gets under way next week with the start of baseball. The house athletic managers are eyeing the new Frosh with high hopes; corner the Frosh athletic talent and the trophy is in the bag.

After the horsehiders finish up, the IH casaba teams battle for the honors and sundaes. The term will be finished off by cross-country.

should be an easy pushover for the Gators." Pretty nasty for good public relations.

## PIGSKIN PROGNOSTICATIONS

GAME	ATHLETIC DEPARTMENT		SPORTS STAFF	
	Coach LaBrucherie	Hal Musselman	Jesse Weil	Thorne Butler
California vs Oregon	California 20	California 28	California 14	California 35
Michigan vs Mich. State	Michigan 7	Michigan 7	Michigan 7	Michigan 6
Notre Dame vs N. Carolina	Notre Dame 19	Notre Dame 14	Notre Dame 7	Notre Dame 21
Rice vs Santa Clara	Rice 7	TIE	Rice 7	Santa Clara 2
SMU vs Ohio State	SMU 14	SMU 13	Ohio State 7	SMU 6

# Engineers Trounced In Season's Opener

Santa Barbara Snatches 47-7 Win; Frisco State Tussle Tomorrow There

As you are reading this, the Beaver team is winging its way toward San Francisco for the second game of the year with San Francisco State. The game will be played this evening, immediately after which the team will fly back to Pasadena.

## Big vs. Little

Last Friday at Santa Barbara it was a case of a good little team running up against a good big team, with the expected result.

The Engineers just didn't have the depth to compare with the four squads the Gauchos had on their bench.

For the first 20 minutes the Engineers had control of the game despite an intercepted pass in the first quarter which was run back for a touchdown. In the second quarter Karasaw recovered a Santa Barbara fumble on their eight and then carried the ball over the goal line in two tries. Babe also converted successfully to tie the score. Then, as the Beavers began to tire, fresh Santa Barbara players scored twice more before the half ended.

## Good S.B. Blocking

It was exceptional downfield blocking that made possible most of the Gauchos' scoring. They made points on runs of 53 and 45 yards, a punt return of 75 yards, and a 50-yard return of a pass interception, besides other somewhat shorter runs. Only one of their touchdowns came as a result of a sustained drive.

A good game was played at fullback by Hal Woody, who also got off some good punts. Moore seemed to have glue on his fingers at times as he hauled in Babe's passes. Casualties were Lamar with a broken tooth, Michaelson with a cracked leg bone, and Berner, who has been ordered to rest because of an internal ailment. Michaelson and Berner will be out for a good part of the season.

## STATISTICS

	CT	SB
Yards running .....	128	220
Yards lost running..	58	3
Passes attempted ..	23	10
Passes completed ...	8	5
Yards passing .....	91	56
Total net yards.....	149	273
First downs .....	11	12
Punt average .....	26.5	23.5
Yards penalties .....	35	60
Cal Tech ..... 0 7 0 0—7		
Santa Barbara 7 14 13 14—47		

Men needed to write Frosh Sports, water polo, cross-country, IH. Apply Tech Office after 8:00 p.m. on Monday.

Here is your chance for a by-line and extra Honor Key points. Apply Tech Office after 8:00 p.m. Monday.

## PASADENA BOWLING COURTS

970 East Colorado

Headquarters of Caltech Bowlers Open 11 a.m. to 1 a.m. SY. 3-1341 Special Student Rate before 6 P.M. except Saturday, Sunday, and Holidays 20c Per Line

## Voget & Cathey

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FURNISHINGS

Fridays till 9:30 p.m.

459 East Colorado Street

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## Clothes Need Cleaning?

Have Your Clothes Ready Monday Evening When Our Representative Will Call

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Fleming—John Marion

Dabney—Don Vogel

Blacker—Ken Lunan

## SAVETZ

CLEANERS and TAILORS

More People Smoke Camels than any other cigarette!



You may think this "bird" is funny—but he's no odder than many of the cigarette tests you're asked to make these days. One puff of this brand—one sniff of that. A quick inhale—a fast exhale—and you're supposed to know what cigarette to smoke from then on. The sensible test doesn't have to rely on tricks and short cuts. It's a day-after-day, pack-after-pack tryout—for 30 days. That's the test Camel asks you to make! Smoke Camels regularly for 30 days. Your "T-Zone" (T for Throat, T for Taste) is the best possible proving ground for any cigarette. After you've made the Camel 30-Day Mildness Test, we believe you'll know why...

What's all the huffin' and puffin' about?

I've been a Puffin all my life!"

**GALA TEA DANCE**

(Continued from Page 1)  
we are told, starring frosh talent. Delicious refreshments will be available throughout the dance, consisting of cake and punch.

**Please, New Students Only**

Dr. and Mrs. DuBridge, the Deans and their wives, and members of the Freshmen Admissions Committee and their wives have been invited for the occasion. The Dance Committee specifically requests, however, that all returning students remember that this is an event for new Tech men **only** and has been organized as such.

The dress is sport, and the Committee hopes that every new student will avail himself of this annual gala occasion.

**NEW BUILDINGS**

(Continued from Page 1)  
the facilities and room for expanded research and quarters for graduates and faculty.

Additional space has been allotted electrical engineering quarters and the Book Store in Throop by the construction of the new building.

**Not Grass, Alas**

Another of the new sights around campus is the greenery on the Esplanade. This is an experiment which, according to Buildings and Grounds, will not be very expensive: the greenery was not planted, only watered, and consists of devil grass and weeds which will turn brown with the approach of winter.

Although no definite statement as to the cost of keeping up this was given by B & G, a report is being kept, the findings of which will probably determine the future addition of such quasi-lawns to the campus.

**Pathways to?**

Another new sight is the elimination of the cutoffs on the olive walks between Throop and the student houses. This has been done to eliminate funneling into the center walk, B & G said.

**CAMPUS BARBER SHOP**

In Old Dorm  
Also Agent for  
LAUNDRY & DRY CLEANING

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**FROSH ROTATION**

(Continued from Page 1)  
who will probably try to command that their house is the best. Some of the traditions of each house are also brought forward to back up the arguments, especially notable achievements in crew races and athletics.

Sixty percent of the choice is the frosh's, 40 percent houses. Frosh indicate first, second, third and fourth choices. House puts out preference list.

**Initiation Next**

Room day in each house on Friday, drawing for rooms takes place the following day. The men drawing highest cards in each house get first choice of available rooms there. Student house policy that at least one frosh room in each alley.

Put on bathing suits and lock the doors for initiation week will be on next.

The walk next to the Aeronautics building may be continued to the Student Houses, the B & G spokesman also reported to the Tech.

**Park Here**

Parking problems will be slightly eased sometime in the next four to six weeks when the two tennis courts north of the Student Houses are converted into parking lots having spaces for 40-50 cars. These planned parking lots will be used entirely for students' cars. The move was occasioned by the posting of parking limits on streets north and west of the Institute.

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**CAMP RADFORD**

(Continued from Page 1)  
by Ulrich Merten for the ASCIT, and by Prof. Sharp for the Geology Department.

**Salesmanship**

Ed Preisler, speaking for Bert LaBrucherie and for Ed Preisler, managed to recruit healthy Freshmen squads for football and other freshmen sports; Dr. Sharp and Dean Thomas made similar efforts on behalf of the Geology and Civil Engineering departments, respectively. Whether they were as successful as Coach Preisler will not be known until the Freshmen signify their option at the close of the year.

Sandwiching his talk at camp between two Pasadena appointments, Prof. Hallett Smith gave his impressions of Techmen as he had found them during his first year on the Institute staff. Mr. George Whitworth, president of the Caltech Alumni Association, presented what he considered were the primary requisites for success; and Don Clark followed up with "You Are Now Employed in the Most Important Job You'll Ever Have," emphasizing that any ambitions to achieve success should be put into effect now.

**President's Talk**

One of the highlights of the three-day session was Dr. DuBridge's detailed description of Caltech administrative and faculty organization. The Institute was compared to a corporation, in which the students hold a significant, if not controlling, per-

cent of the corporate stock.

Student talks featured Kent Stratton's "What! No Wind in Your Sails?", Neal Pings' presentation of the honor system, and descriptions of campus government and student activities by members of the ASCIT Board of Directors, House and other campus leaders. Throughout the program students and faculty alike stressed the importance of developing a well-integrated personality leading to eventual success in either technical or administrative capacities.

On Saturday night, the freshmen entertained themselves through the medium of the famous "Grand Amalgamated Band Concert," this year under the direction of Bill Sampson. Next morning, following the informal "How to Study" seminar, they were entertained again, but this time to an 18-to-17 defeat at the hands of an inspired faculty baseball team. Sparked by a bevy of professors too numerous to mention, the faculty team managed to keep up with Freshman scoring, finally overtaking it in the last half of the last inning of the game.

On Monday morning, approximately 140 freshmen were conducted on a tour of the campus by members of the Beaver guide service.

**Gad!**

Guest (to host in new home): Well, old boy, how do you find it here?

Host: Walk right upstairs, and it's two doors to the left.

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**Famous Physicist Joins Tech Staff**

Dr. Richard P. Feynman, one of the outstanding young theoretical physicists in the world today, has joined the Caltech staff as a Professor of Theoretical Physics.

A native of New York, Dr. Feynman obtained his bachelor of science degree at the Massachusetts Institute of Technology in 1939 and his Ph.D. degree at Princeton in 1942. He has done research work for the Metaplast Corp. of New York and for the Chrysler Corp. while at M.I.T.

Dr. Feynman comes to Caltech from Cornell University where he has been a member of the Laboratory of Nuclear Studies since 1945.

**At White Sands**

The 32-year-old physicist was a group leader at the Los Alamos Laboratory during the war and made important contributions to the development and understanding of the atomic bomb. Dr.

**FILM SERIES**

(Continued from Page 1)  
written by Jean Paul Sartre, and *The Cabinet of Dr. Caligari*, one of the first science-fiction films, also was a leader in many modern film techniques.

**Memberships**

Memberships may be obtained from Miss Elizabeth Pond in the Dean's office. Only 350 memberships will be offered for each evening series, and those only to Caltech students, personnel and their immediate families.

Since sale of the memberships, good for all five films, is limited, those wishing memberships are urged to obtain them immediately.

Feynman witnessed the initial test explosion in July of 1945.

Last February and March Dr. Feynman delivered a series of 12 lectures at Caltech on "Quantum Electrodynamics and Meson Theories" as a part of a series of physics seminars in which other outstanding physicists participated.

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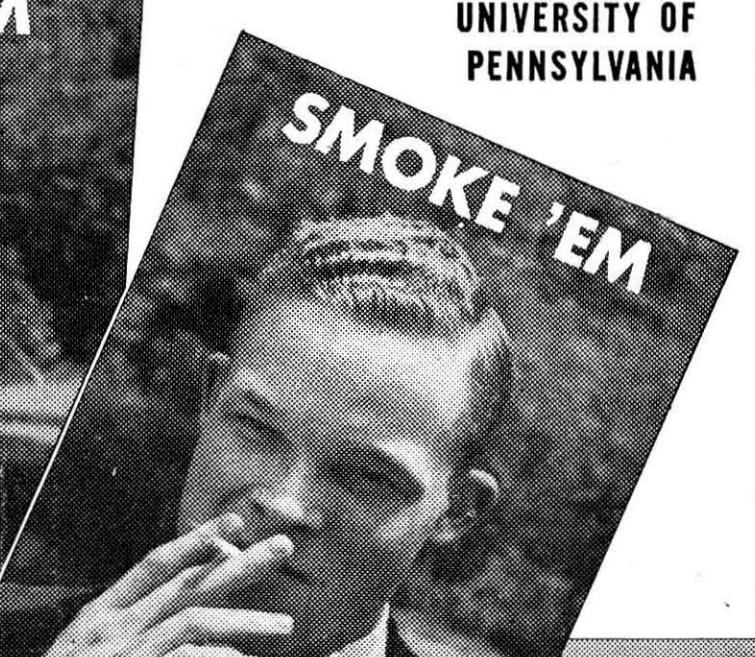
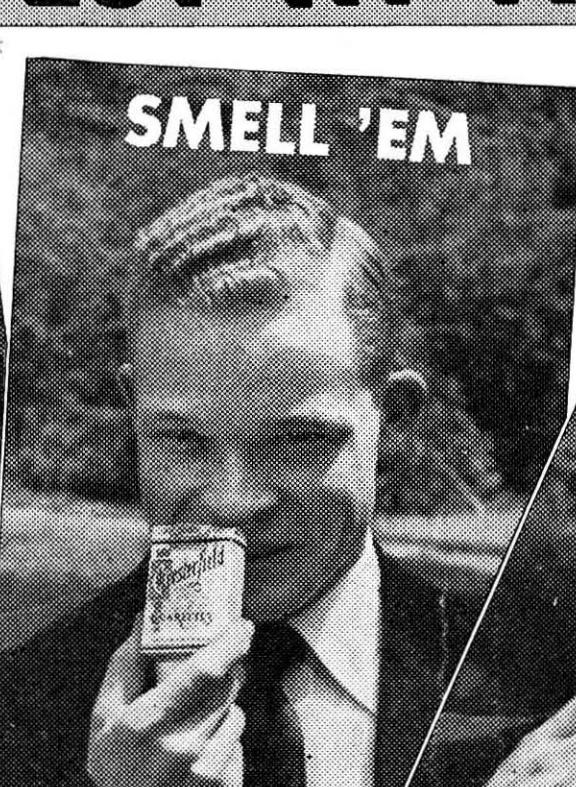
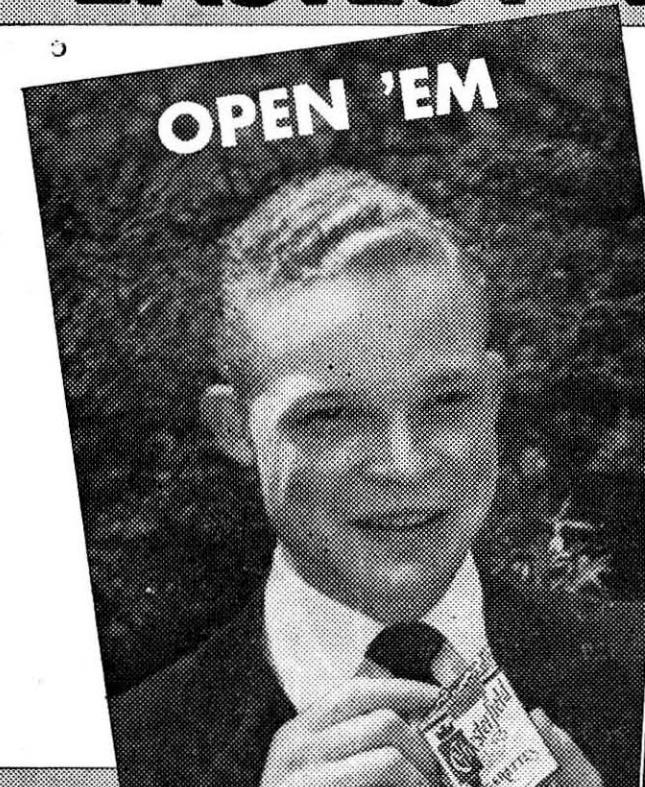


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