No. 16

California Institute of Technology Thursday, February 10, 1949\_

Caltech Teams to Attend Speech Events Tournament

Tech Speakers to Include Bernard Rudin, Leo Breiman Ulrich Merten, Ray Brow, John Rogers, George Brown

Caltech speakers will exercise their vocal cords this Saturday at a Speech Events Tournament on the UCLA campus. The tournament, co-sponsored by Caltech and UCLA, will feature discussion groups and extemporaneous speeches on such current world and national problems as American rights and Civil Liberties and European affairs.

The Caltech student chapter

of the American Society of Civil

Engineers was honored by the

presence of two distinguished

speakers at its third meeting of

the term held last Monday. The

meeting was opened by the pres-

ident of the chapter, Chuck For-

ester, who introduced Dean

Franklin Thomas. Dean Thomas

gave a brief but interesting dis-

cussion of his impressions of the

the Society in New York at

which he was accorded the hon-

or of election to the presidency

**Construction Opportunities** 

duced the second speaker, Mr.

Clifford Pehl, of the Bechtel Cor-

poration, who spoke on the mer-

its of, and opportunities in, large

scale construction for students

who plan to go into the field of

Both speakers said much that

is encouraging to the students

Dean Thomas pointed out that

statistics show that the increase

the civil engineering option has

by no means paralleled that of

other options, while the oppor-

tunities in the field have shown

(Continued on Page 4)

By Ulrich Merten

ed a varied card of boxers, wres-

tlers, and trampolin artists for

First Event

was a three round boxing match

between Mal Hickey and Neal

Hurley. Hickey, the aggressor

all the way, took the decision

handed down by judges John

Schutz, Paul Eaton, and "Doc"

Gevurtz. The match was marked

by steady pounding by Hickey,

which Hurley's occasional spurts

could not overcome. In the sec-

ond round, Hurley was on the

ropes once. But Hurley's rights

kept him in the fight right up

Ed Welch which ended in a dou-

more of a farce than originally

The gloves again saw service

which saw Hal Martin and Jack

Ottedstad fight a three round

all the way. Both boys concen-

Ottestad got the decision when

the final gong stopped a still go-

Trampolin Act

was a trampolin act, which fea-

andPat Johnson, both 14, and

and 8 years old, respectively.

The youngsters, coached by Jack

Brown, put on an impressive ex-

hibition of somersaults, twists,

and drops onto the bouncing can-

The last event of the evening

to the final bell.

intended.

ing bout.

The first event of the evening

Techmen.

Under the guiding hand of

Boxers, Wrestlers

Professor Bobisch then intro-

of the Society.

civil engineering.

Caltech speakers will be Bernard Rudin, Leo Breiman, Ulrich Merton, Ray Brow, John Rogers, George Brown, Ralph Stone, Ollie Gardiner, and others

By Speakers of the speech squad.

Valley of Decision

Rudin will enter the oration that won him second prize at the Pepperdine Tournament: "The Valley of Decision," about the TVA. Rudin and Brown will also try to retain the first places won at the College of Pacific in Extemporaneous and Impromptu speaking.

The UCLA Tourney forms the second part of the Annual Caltech-UCLA Speech Events Tournament. The first part was held at Caltech two weeks ago and featured debating.

**Future Events** 

Other contests programmed for the speech squad include a tournament at Bakersfield College in which Dr. John Schutz, Caltech debate cocah, will direct senior division debating; the Western States Tourney, to be held at Redlands this March; and a series of Oxy assembly debates to be held there the last of February.

Breiman Wins

Bringing home new laurels for the Tech Speechners was Leo Breiman, who was recently awarded third place cup in the Los Angeles County March of Dimes Oratory Contest. He spoke on the life of Franklin D. Roose-

## Boller To Speak on **Private Consulting**

What promises to be one of the most interesting ASME the most interesting ASME meetings of the year will be held Seen at Y Smoker at 11 a.m. next Monday, Feb. 14 in 206 ME, when Harry Boller, of Boller and Chiven Engineers, will speak about his experience and problems in operating a private engineering concern. A Tech alumnus of '38, Mr. Boller has had considerable experience since graduation, having worked for C. F. Braun Co. and Byron Jackson Co. After serving as Chief Design Engineer for the Hydraulics Lab on Campus, he established his present business in partnership with Mr. Chivens as a private development engineering concern, which since its formation in 1945, has done a variety of interesting jobs on meters, gauges, and recording apparatus of all kinds.

This will be an excellent opportunity for all those who may go into business for themselves some day to learn the steps taken by Mr. Boller, as well as to get an idea of some of the problems encountered.

A few minutes will be required at the beginning of the period for the taking of the Big T picture, so be there promptly.

## Campus Calendar

WEDNESDAY, FEBRUARY 10-12:00...Y Upperclass luncheon 12:15 Throop Club meeting

7:30 Dancing Class FRIDAY, FEBRUARY 11-

11:00 Nominations Assembly 6:45 Basketball, Caltech Frosh vs. Redlands

8:15 Basketball, Caltech vs. Redland SATURDAY, FEBRUARY 12-

9:00 Ricketts-Throop Valentine Sem Formal 8:30 Blacker-Fleming Barn Dance

7:00 Dabney Dinner and Dance SUNDAY, FEBRUARY 13-

7:30 Caltech Musicale, Dabney Hall Lounge

MONDAY, FEBRUARY 14— 4:00 Math Club meeting, 201 Bridge. 4:20 Interhouse Bowling

TUESDAY, FEBRUARY 15 12:00 Y Frosh luncheon 7:30 Band Practice, Culbertson

WEDNESDAY, FEBRUARY 16-

4:30 Alumni Placement Talks, Dabner Hall Lounge 7:30 Fencing, Dabney Dining Hall 7:30 Orchestra, Culbertson 9:00 Glee Club, Culbertson

# Boring Talk Set Tomorrow Assembly On Job Seeking

By Dick King

The next to last Alumni-Beaver lecture will be held this next Wednesday afternoon when Mr. M. M. Boring, of the General Electric Company, will speak on "The Problem of Looking For a

been changed. Dabney Lounge has been forsaken in favor of 155 Arms. The time remains the same, however, 4:30 afternoon

Everyone, especially seniors, should benefit from Mr. Boring's experience, since he has been years. Also, he has kept in touch with most of the selected men during their training periods, giving him additional experience on personnel selection. It is no wonder that he is considered one of the best men in the industry in this field. He is at present Manager of the Technical Personnel Division of General Electric Company at Schenectady, recent National Convention of New York, and also serves on the executive staff.

### SAE Field Trip

The student branch of the Society of Automotive Engineers is planning a field trip to the Mercury-Lincoln automobile assembly plant in Los Angeles tomorrow afternoon, Friday, February 11. Anyone who would like to visit this plant may attend. Meet in front of ME building at 1 p.m.

### McKinney Prize in the civil engineering option. Reading Revealed in numbers of students choosing

"The American Way of Life-A.D. 2000", is the subject for the 1949 McKinney Prize Contest in English. Prizes of \$75 and \$50 and books will be awarded to the members of the Junior and Senior classes whose essays win.

Each candidate will write an essay of about 1200 words on the subject, drawing ideas for his essay from the following required reading: The New Atlantis, by Francis Bacon; Look-Backward, M. C. "Harv" Eagelson, the Y's by Edward Bellamy; Back to Me-1949 Smoker got underway last thuselah, by G. B. Shaw; and Monday night in Culbertson Hall. Brave New World, by Aldous Promoter Dan Markoff present- Huxley.

The essays, which must be submitted to Prof. MacMinn, 212 the amusement of the assembled Dabney Hall, by Monday, April 18, will be judged by the English department.

The four men who have written the best essays will give an oral presentation before a group of community judges at an assembly, to be held early in May. For further details see Prof. MacMinn, 212 Dabney Hall.

# **Candidates** Nominated Next Y Forum For the first time since the start of the series, the place has To Feature Talk

After a two weeks' intermission for midterms and the Y's first annual Smoker, the YMCA Forums will get under way again concerned with the selection of next Monday evening with a talk technical graduates for nearly 30 by Dr. L. A. DuBridge on "Educational Policy at Caltech".

Dr. DuBridge

Dr. DuBridge's topic is one which has long been a subject of bull sessions around the campus, and one which vitally concerns all students at Tech. What do you think - are we wasting time with our humanities, should we have more of them, should engineers take frosh chemistry . . ? All those who have questions about the educational policy and curriculum at the Institute are urged to attend this forum and get the straight word on the subject.

Dr. DuBridge always presents us with a fine program, so if you want a good seat, be in 201 Bridge early on Monday night. As usual, the Forum will begin at 7:30 and end promptly at 9:00

## Income Tax Help Offered at Caltech

For the benefit of Caltech students and faculty members who wish information or advice on income tax matters, a Deputy Collector of Internal Revenue will be on the campus on Monday, February 28, and Tuesday, March 1. The Deputy will be located in the lobby of Throop Hall, and will be prepared to help Institute Staff, Faculty, and Student Body personnel with the preparation of their 1948 Federal Income Tax returns.

### Helps Taxpayers

In spite of a shortage of help in his office, Mr. Robert E. Andre, Division Chief of the Pasadena Office of the Collector of Internal Revenue, has been able to arrange this service on the two days specified. Caltech taxpayers have greatly benefited in past years from the opportunity to obtain income tax information right on the campus, and everyone needing icome tax assistance the assistance the Deeputy will be able to give them.

By Victor van Lint

whether it is possible to perform serious music of major propor-Bout three, boxing again, was tions by an amateur group such a match between Fred Smith and as the Caltech Orchestra and Glee Club. The latter has been ble knock down and was even working for two weeks on such a work, namely the Bach cantata, Christ Lag in Todesbanden (Christ Lay in Death's Dark in the last fight of the show, Prison). A question to any glee club member will elicit the information that it is a lot of hard work. The rehearsals have been concentrated efforts to work out. trated on jabs to their oppon- part by part, the difficult pasent's head, the only telling body sages. But all singers agree that blows coming in a series of the result has been well worth

### Female Voices

Those familiar with the work will be much better trained in Ricketts.

singing than our glee club. Therefore it is imperative that the glee club members turn out in full attendance at each and every one of the rehearsals. The sooner they have their parts perfected the sooner the joint rehearsals can start, and the sooner the first

### New Members Needed

Mr. Lauris Jones, the director of the orchestra and glee club, has said that unless there is a regular attendance of at least twenty-five at rehearsals, the whole idea might as well be scrapped. So let's all get behind him and come to rehearsal every week at 9 promptly. It is not too late for new members to join, but

### Orchestra

The attendance at the latest will soon begin work on the ac-

# Nominations for Uncontested Offices to Remain Open for Week

Positions Open for Nine Directors, Head Yell Leader, "Big T," "Tech" Editors and Business Managers

Tomorrow at 11:00 the annual ASCIT Nominations Assembly will be held in Culbertson Hall, for the purpose of introducing the candidates in the ASCIT elections set for Thursday, February 24. Candidates will be announced for the offices of ASCIT President, Vice-President, Secretary, Treasurer, Publicity Manager, Athletic Manager, First and Second Reps, Rally Commissioner, Editors and Business Managers for the California Tech and the Big T, and a

Rules Announced

Rules for the Conger Peace

Prize have been announced by

Dr. John Schutz. The contest

was established in 1912 by Rev-

erend E. L. Conger for the pro-

motion of world and industrial

Fifty dollar first and twenty-

five second dollar prizes will be

offered for the best orations on

these topics. Contestants will

present their speeches before a

student body assembly, to be

Following are the rules for the

contest: 1. Any regular student

of the four undergraduate class-

es may enter; 2. Orations should

be the original work of the stu-

dents competing, without more

than an hour's assistance from

any faculty member. 3. The time

Congress Activities

The Caltech Y Radio Round-

table is looking forward to an in-

teresting set of domestic affairs

topics arising from the govern-

mental programs being proposed

before the new Congress. On

Wednesday, Feb. 16, at 9:45 p.m.

on station KPPC two or three

speakers will discuss the Admin-

istration's proposals for a na-

tional health insurance program.

The question of whether such a

program is needed, how compre-

hensive it should be, its expense,

and the views of organized medi-

Future Topics

Future programs will probab-

ly include such questions as do-

mestic spending, public housing,

future valley authorities, and

other such issues up for decision

in Washington. The Roundtable

will continue to do programs on

foreign and local affairs topics.

The most recent broadcast on

Jan. 19 dealt with the Indonesian

dispute, while the program be-

transportation problems.

fore that was on local public

Speakers Needed

ly in need of new speakers for

its programs, especially among

the lower classmen and Juniors.

This radio activity deserves to

be perpetuated at Tech and must

have leaders in future years.

These programs offer plenty of

opportunity to develop quick

thinking and good speaking abil-

All those interested in partici-

pation on programs should con-

tact the Y office, Don Bratton in

Ricketts, or Verne Smith or

Frank Brady any noon in the Y

lounge. Be sure to listen to the

program on alternate Wednes-

day evenings at 9:45 p.m. on sta-

tion KPPC, 1240 on your dial.

The Roundtable is still urgent-

cine will be covered.

Discussed by Y

held later this year.

April 15, 1949.

♦head Yell Leader. The first nine offices listed form the Board of Conger Peace Prize Directors of the Corporation.

### **Nomination Procedure**

Any nominations yet to be made before the assembly should be given to Stan Barnes, ASCIT President, or any member of the Board of Directors. Nominations can be made from the floor during the meeting, but it is desirable that the candidates be known before the assembly. The nominations for any office will be considered open until thirty seconds after the last nomination for that office. The nominations for this office are then considered closed unless there is only one candidate. In this case the nominations remain open for one week.

### Campaigning

For one week following the Nominations Assembly there will be no official campaigning or public election activity on campus. At the end of this week the final list of nominees will be posted on the ASCIT bulletin board in

(Continued on Page 4)

### of delivery should not exceed Soaring and Gliding ten minutes. 4. Manuscripts are not to exceed 1200 words and Club to Organize should be memorized. 5. Manuscripts are to be presented to John A. Schutz, Dabney Hall by Next Tuesday night at 7:30

p.m. in 155 Arms there will be a meeting of all those interested in the formation of a Soaring and Gliding Club here at Tech. At the meeting will be seen some fine color films such as those shown at the Assembly a week ago. But the real purpose of the get-together is to discuss ways and means and membership of the Club. Your ideas are needed in solving the last few but troublesome problems facing us.

If you have any interest whatsoever in this unexcelled sport, drop around Tuesday night. You are certainly welcome.

## **Erickson Elected** Throop Club Head

A growing interest in Club activities was displayed by Throop Club men last Thursday, when Ralph Erickson was elected president for the coming year, in the heaviest balloting in several years. Walt Pfeiffer will be the Club's new vice-president, and Duane Neverman will keep a tight hold on the purse strings for the next year. The closest race was for the position of secretary, where Bob Cobb and Dick Weeks were even until the last few ballots pushed Bob ahead enough to take the elec-

Gene Mooring, current president, and the present Club officers will continue until the end of the term when the new officers will be installed.

### Interview Schedule

FFR. 15 AND 16-

WESTINGHOUSE ELECTRIC CORP., Los Angeles, Calif. Mr. E. W. Morris, Engineering Manager and Mr. W. G. Willson, L. A. Manager, Interviewers. Seniors and Graduates in Electrical and Mechanical Engineering and Industrial Design who are particularly interested in electronics, power, industrial design, research or sales. Training program of twelve months duration in the East, but placement thereafter may be any place in the U.S.A. Interview takes place in 309 Dabney Hall both days.

# Tech to Present Bach Cantata

The time has come to see battle which was tough and fast clinches in the second round. while.

will recognize the need of some singers not now in the glee club, namely contraltos and sopranos. Since the first tenors already are tured a troup composed of Peg no more than souped baritones, this need will have to be supplied Richard and Robert Brown, 10 by the real possessors of such voices. Great effort is now being expended toward the goal of annexing such a group to the glee

performance can be given.

soon it may be.

orchestra rehearsals has been very encouraging. It, too has been enlarging its repertoire and companiment for the cantata. For the interest of off campus members and prospective members, whether undergraduate or graduate, a taxi service has been club temporarily. However it is instituted. For information see quite probable that the women or call Victor van Lint, Rm. 7,

### The California Tech

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### Jim Hummel, Editor EDITORIAL STAFF

Manager...... Circulation Manager...... Business Staff.....

## Musical Masterpieces

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### THURSDAY, FEBRUARY 10

Concerto Grosso No. 3 in E Minor— Handel. Adolph Busch and Busch Chamber Players

\*Quartet No. 6 in B Flat Major—Bee-thoven, Budapest String Quartet, Tsar Sultan Suite—Rimsky-Korsakoff Gregor Fittelberg and London Phil-harmonic Orchestra

### FRIDAY, FEBRUARY 11

Scapino—A Comedy Overture—Walton Frederick Stock and Chicago Symphony

Orchestra
Suite No. 2 "Indian"—MacDowell
Howard Barlow and Columbia Broadcasting Symphony

London Again Suite—Coates
Eric Coates and London Philharmonic

### SATURDAY, FEBRUARY 12

Foster Gallery—Gould Arthur Fiedler and Boston "Pops" Or-

Porgy and Bess Excerpts—Gershwin Lawrence Tibbett, baritone; Helen Jepson, soprano; Alexander Smallens and Symphony Orchestra

\*Afro-American Symphony "Scherzo"— Still. Howard Hanson and Eastman-Rochester Symphony Orchestra

## SUNDAY, FEBRUARY 13

"CONCERT FAVORITES"—2-3 P.M. \*La Valse—Ravel John Barbirolli and The Philharmonic Symphony Orchestra

On The Beautiful Blue Danube, Valse Triste, Waltz of the Flowers, Tales from the Vienna Woods. Howard Bar-low and The CBS Symphony Orchestra The Spider's Banquet—Roussel Charles Munch and The London Phil-harmonic Orchestra

Morning, Rain and The Rainbow, Moon-lit Meadows, Parade of the Grasshop-pers—Prokofieff. Ray Lev, pianist "STAGE MELODIES"—3-4 P.M.

\*American Minuet, American Humoresque, March for Americans, American Nocturne, American Lullaby. Meredith Willson and His Orchestra

Fantasy for Girl and Orchestra—Phil Moore. Annette Warren: The Girl; Phil Moore and His Orchestra

Selections from "Lute Song"
Mary Martin, vocalist. Raymond Scott and Orchestra

and Orchestra

Viennese Memories—Stolz Robert Stolz and His Orchestra

"MUSICAL MASTERPIECES"-4-5 P.M. 1812 Overture—Tschaikowsky William Mengelberg and Concertbe-bouw Orchestra of Amsterdam

\*Hamlet Excerpts—Shakespeare-Walton Laurence Olivier, actor. William Walton and The Philharmonia Orchestra \*The Enchanted Night—Chopin-Aubert Louis Aubert and Symphony Orchestra

### MONDAY, FEBRUARY 14

Corsair Overture Sir Hamilton Harty and London Philharmonic Orchestra \*Symphony No. 4 in C Minor "Tragic" —Schubert. John Barbirolli and Phil-harmonic Symphony Orchestra of New

\*Orpheus—Liszt Howard Barlow and Columbia Broad-casting Symphony

## TUESDAY, FEBRUARY 15

Fidelio Overture—Beethoven Felix Weingartner and London Phil-harmonic Orchestra

\*Concerto No. 5 in E Flat Major "Emperor"—Beethoven. Walter Gieseking, pianist. Bruno Walter and Vienna Philharmonic Orchestra

Eleven Viennese Dances—Beethoven Felix Weingartner and London Phil-harmonic Orchestra

### WEDNESDAY, FEBRUARY 16

Tales of Hoffman Excerpts—Offenbach Sir Thomas Beecham and London Phil-harmonic Orchestra \*Concerto in E Minor—Mendelssohn Yehudi Menuhin, violinist. Georges En-esco and Orchestra of Colonne Con-certs, Paris

\*The Wise Virgins—Ballet Suite—Bach-Walton, William Walton and Sadler's

Walton. William Wells Orchestra.

\*By Request

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## Das Brauen

er that we heave an ach here "Been eatin' watermelon?" and there.--Und so---

### Bier und Andere

gan making friends by pouring by man. (Let's try that again.) beer off the balcony. Kyle - a Hibbard-like phantasm peculiar to Dabney—was a bit intolerant as beer sprayed bountifully over his head.

Chas. Shaller and Brad Houser weren't the least put out by not | Warmetod having dates, quickly found Turner's date attached only by an

## The Evening Concert

KFAC 8-10 p.m.

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### THURSDAY, FEBRUARY 10, 1949

CIRO IN BABYLON—OVERTURE, by Rossini. Symphony Orchestra of Turin conducted by Ugo Tansini (8).
SYMPHONY NO. 1 IN G MINOR, by Kalinnikov. Indianapolis Symphony Orchestra conducted by Fabien Sevitzky (36).

VIRGIL FOX, ORGANIST (40).
FANTASY IN F MINOR, by Mozart. SONATA NO. 1 IN F MINOR, by Men-PRELUDE AND FUGUE IN G MINOR, by

FUGUE A LA GIGUE, by Bach. MIDSUMMER NIGHT'S DREAM—INCI-DENTAL MUSIC, by Mendelssohn. Cleve-land Orchestra conducted by Artur Rod-zinski (28).

### FRIDAY, FEBRUARY 11, 1949

Weekly Feature Concert-Americana Weekly Feature Concert—Americana
STEPHEN FOSTER—THEME, VARIATION
AND FINALE, by Dubensky. Indianapolis
Symphony Orchestra conducted by Fabien Sevitzky (12).

SYMPHONY NO. 2 (ROMANTIC), by Howard Hanson. Eastman-Rochester Symphony Orchestra of New York conducted.
by Hanson (30).

HELEN TRAUBEL, SOPRANO (32).
FAVORITE AMERICAN SONGS

A LINCOLN PORTRAIT, by Copland. Kenneth Spencer, Narrator. Philharmonic-Symphony Orchestra of New York conducted by Eugene Ormandy (28).

### SATURDAY, FEBRUARY 12, 1949

MANON, by Massenet. Soloists, Chorus and Orchestra of L'Opera Comique of Paris conducted by Elie Cohen.

### MONDAY, FEBRUARY 14, 1949

MAY NIGHT—OVERTURE, by Rimsky-Kor-sakov. London Philharmonic Orchestra conducted by Sir Thomas Beecham (8). SYMPHONY NO. 3 IN A MINOR (Scotch), by Mendelssohn. Minneapolis Symphony Orchestra conducted by Dimitri Mitrop-

DOWNS 1327.

CONCERTO NO. 25 IN C MAJOR FOR PIANO AND ORCHESTRA (K. 503). by Mozart. The Philharmonia Orchestra conducted by Josef Krips (32).

VARIATIONS ON A THEME OF TSCHAI-KOWSKY, by Arensky. Philadelphia Chambe String Sinfonietta conducted by Fabien Sevitzky (17).

PASSACAGLIA IN C MINOR—MY SOUL IS ATHIRST—CHORALE FROM EASTER CANTATA — SARABANDE — ARIA, by Bach. Philadelphia Orchestra conducted by Leopold Stokowski (34).

### TUESDAY, FEBRAURY 15, 1949

TANNHAUSER—OVERTURE AND VENUS-BERG MUSIC, by Wagner. Philadelphia Orchestra conducted by Leopold Sto-Orchestra cond kowski (23).

SYMPHONY NO. 2 IN C MAJOR, by Schu-mann. Minneapolis Symphony Orchestra conducted by Dimitri Mitropoulos (37).

ASHA HEIFETZ, VIOLINIST
CONCERTO NO. 5 IN A MINOR FOR
VIOLIN AND ORCHESTRA, by Valuxtemps. Sir Malcolm Sargent and London
Symphony Orchestra (16).

Symphony orcnestra (16).

L'ARLESIENNE—SUITES 1 AND 2, by Bizet. Philadelphia Orchestra conducted by Leopold Stokowski. Boston "Pops" Orchestra conducted by Arthur Fiedler (34).

### WEDNESDAY, FEBRUARY 16, 1949

KING LEAR—OVERTURE, by Berlioz. B.B.C. Symphony Orchestra conducted by Sir Adrian Boult (11). SYMPHONY NO. 5 IN C MINOR, by Beethoven. National Symphony Orchestra (England), conducted by Sir Malcolm Sargent (32).

EILEEN FARRELL, SOPRANO (22).

GEDICHTE—SONG CYCLE, by Wagner Symphony Orchestra conducted by Leo-pold Stokowski.

PICTURES AT AN EXHIBITION, by Mous-sorgsky-Cailliet. Philadelphia Orchestra conducted by Eugene Ormandy (30). LYRIC SUITE, by Grieg. National Symphony Orchestra (England), conducted by Sir Malcolm Sargent.

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In a weekend stewn with such ionic bond—Shaller reported lots Germanic institutions as Skiing of resonance, however. Williamand Bier-Trinken, it is only prop- son regarded Chas. later, asked,

As the evening developed Roger Picciotto staggered from his The Dabney-Ricketts-Fleming- bed to spread joy and measles to Blacker - Throop-And-Everybody | the world. Shocked to discover Barn Dance was a six-kegger | Markoff had absconded with his success. Over three hundred bod- gal, Roger drew out his little ies were assembled at the Pat black book and turned up with Doherty Estate. Royce became one of the most tastefullyplayful early in the evening; be- ranged brunettes ever conceived

Boor of the Evening Corbato was informed by the management that the floor was not the proper place to skim off the head on his beer. Speaking of heads, did anyone ever find them?

Well into the fourth keg Mono-Brew MacKenzie was buzzing the Leit-Motif area on one engine. Even Don Stewart crawled from his hole to survey with jaundiced eye the total depravity of Man. He's now been to one more Bauern-Tanz than his brother.

He also turned his ankle in a 0200 sidewalk-rolling party at Schmipps.

Much foam was mistaken for brew while gazing at Ed Welch's sexy redhead. The feminine touch to the evening was provided by Royce, Jr.'s date, affectionately planting good-night kisses on all the bandsmen. Wood's piano playing was demoralized. Gotterdammerung

The dying gasps of the most colossal of colossal Barn Dances awoke po' Sue; Crud Alley was galumphing spasmodically until

Schuss!

Arrowhead skiers were ap-

palled at the sight of a tremendous living avalanche tearing up the slopes. It was Rumer's nose playing snowplow. Once his gal got caught in some bushes - a likely story!—Rumer disappeared down the run in a whirl of powder. When he returned, the little lady cussed him out politely for not stopping to help her. "Only way I could stop was to hit you."

Mary Reinecke was deserted at the top of the slope. Walking going down (carrying her skis) she tripped and hurt one knee on the foul things.

There's a keen picture of Art Bruington circulating; Spencer was up to his usual level. Heath was a perpetual motion machine -left bed now and then to eat. the morning.

Twenty miles away Fleming was also drinking of nature's beauties. There seemed to be some confusion over bunks. The manager had a quaint idea about putting the boys and girls in Fred Wood was losing more separate rooms. During the scufhair over "The Bastard"—these fle one gal was left all by her-Chevies are always running dry. self on a double bunk. A clear, sweet voice pierced the darkprairie dog hole, presumably in ness: "But I don't want to sleep the last 100-yd. dash to beat the alone tonight!" Thirty gallants rose to the occasion with condo-

lences and advice. Much to Bruce Stowe's distress, the party was broken up downstairs about 2300. Bruce was you can announce your values by enjoying a pleasant discussion with his serologist friend.

managed a terrific steak dinner so efficiently.

### Mehr Schuss!

Ollie Gardner playing Superman on the Snow Valley slopes espied a damsel in distress at the foot of the run. He tore himself

(Continued on Page 4)

## Who Dealt This Mess

By Carl Fox

It has been said that one of the greatest sources of unrealized wealth in the United States is the penalty double of overcalls at the level of one or two. Yet that source remains untapped by the majority of partnerships, for the simple reason that they can never tell when to double, since there is seldom enough strength in one hand to make the set a certainty.

In order to be able to cash in on the opportunities which are being offered you every day, it is necessary to readjust the Party still going fine at three in thinking of your partnership. Arrange to treat all low level business doubles on a tentative basis. This permits the making of a "proposal to partner" type of double. As an example, suppose that you, sitting South, face this situation. North opens One Spade, East overcalls with Two Diamonds, and you hold:

## S 8 H K 9 8 5 D J 9 7 C A Q 8 7 5

What now? Two Hearts? I hope I'm playing against you! Three Clubs? And just what do you expect partner to do now? Your hand contains too many values to pass and yet you have no decent bid available. Now if doubling, without fear that partner, holding a worthless defen-Toasts were offered up to the sive hand, will pass, then you are mighty Englar-Coyle team who in a fine position to further ex-(Continued on Page 4)

### COTTAGE GRILL

915 E. California St. Lunches Served 11 a.m. to 7:30 p.m., 65c up Breakfast - 35c up

### The Front Burner

We were hilariously entertained the other evening at the Biltmore Theater with Garson Kanin's comedy "Born Yesterday". It is well considered top in the modern theater.

The play is what might be called an American "Pygmalion" -but of course there are the inevitable social and political implications. Fortunately the message is well trampled on by humor and farce—so much so that we quite forget just what the moral of the story might have

Jean Parker and Lon Chaney each presented a very clever and amusing performance. Miss Parker is a delightful chorus girl who performs an intellectual transformation — and accomplishes some teaching of her own too.

### Chaney Shouts

We were completely astounded by Mr. Chaney's continual shouting and wonder just how he managed to match his volume with the color of his socks. With only two exceptions, the supporting cast did very well.

### Support

Notably lacking in whatever it takes to be convincing were Carroll Ashburn as the Attorney, and Hans Robert as the Senator. Particularly fine was Scott McKay as Paul Verral, the newspaperman who has the distracting job of enlightening Miss

-J. D. Y.

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## Lilly Interhouse Trophy To **Be Offered To Tech Skiers**

tried it before. This race is the first of two races that decides which of the student houses or Throop Club can hold that prized trophy, The Lilly Interhouse Trophy, for the coming year. Last year, Ricketts House took this trophy quite easily, but the contest this year is expected to be a close one.

The date set for the first race is Sunday, February 20. The time and place to report for racing instructions is 10:30 at the Penguin (which is the warming hut at Snow Valley).

In case you haven't seen this around to Ricketts Lounge some clams on the mud flat out in a UCC you may even touch it! Notice especially the vorlage, and your arm and hiss, "How much how relaxed The Beaver is as he do you weigh son?". Now it's "I is about to make a Ruade.

### Improvement

Forgetting the physical features of the Beaver for a moment, let us consider its underlying significance. This trophy was presented to the Interhouse Committee on behalf of Mr. and Mrs. R. C. Lilly. The purpose of this presentation was to improve the general level of ability in the actual technique of skiing among the undergraduate students of Caltech.

	W.	L.	Pct
Whittier	5	0	1,000
Redlands	3	2	.600
Caltech	. 2	3	.400
Pomona	. 2	3	.400
Occidental	. 1	5	.167

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### Talkin' It Over With The Goon

other day and visited J. Mason treasured trophy, why not drop Anderson who was digging for time. With the permission from Tournament Park. No longer does "Dean" Anderson squeeze can make a ten flat sprinter out of you boy. Here, try these spikes on for size."

Rain, Rain After reminding Andy that there were still a few basketball games left he allowed me to come up off the marks and we resumed our informal chat. These last few weeks of rain have really put the track boys in a bind. The drainage on the oval is very poor in many spots and they have not been able to put in the jumping pits yet.

### Carnival

hustling up a full schedule of meets. This year we have a new relay carnival with Loyola, La Verne and CalPoly at Tech on the fifth of March. This will give the cindermen a chance to get actual competition before the big lead to 13 points. Then, the Beaconference relays on the twelfth.

Bud Carroll, the only coach who builds champions instead of character, has just been presented with the longest snake-whip in California. Now Bud stands in the center of the infield and makes sure that the boys are moving at a reasonable speed. Our distance events seem the strongest now with Brown, Marshall, Barnes, Cobb, Edwards,

(Continued on Page 4)

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# Beaver Sports

### Shymen Edged by Reds, Blacker Men Poets As Saltman Slipped my hip boots on the Collects 23 Points

Last Friday evening our Beaver Varsity made a game bid to topple the league-leading Whittier five, but they didn't have quite enough poop, ending up on the short end, 44 to 48. Hopes Frosh showed an unbelievable amount of power in running away from the Poet Frosh, but a sorry two minute interval just before the end of the first half spelled defeat for the Orange and

### Amnesia

After getting off to a slow start, the varsity showed the latter's three. same brand of fight and heads-up basketball that they had a week ago against Oxy. With only 4 minutes left in the first half, Whittier had a 21 to 20 edge. Andy should be given a lot of Then our lads suffered what was credit for the work he has done an apparent loss of memory as regards basketball fundamentals and, 4 minutes later when the half ended, we were trailing by 10 points, 32 to 22.

At the start of the second half, the Poets quickly widened their vers took over and slowly but surely narrowed the lead right up until the final whistle. But, the lead was just a little too much to overcome.

### Monty and The Goon

The whole squad played a fine game, but again Paul Saltman and Jay Montgomery must be singled out for their sterling performances. After getting off to a very slow start, the Goon again found his eye, and he really went to town in the scoring column, ending up with 23 points, high man for the evening. He showed considerably more fight and drive than Whittier's all-league

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## Shine As Bowling Race Tiahtens

Blacker and Fleming turned the tables last Monday in pintoppling at the Pasadena Bowling Courts by edging their rivals, thus tightening the race for the Goldsworthy Trophy. The five were high after the surprising Blacker wins, coupled with six Dabney losses, dropped the Darbs into fourth place behind the Blacker boys.

The best record for the afternoon, however, was gained by Fleming, the present cellar dwellers, with six wins. Ricketts increased its first place lead over Throop by winning four to the

House— V	Von	Lost	Pct.
Ricketts	. 71	33	.682
Throop	. 55	49	.524
Blacker	48	56	.462
Dabney	47	57	.452
Fleming	39	65	.375

Bob Benton of Throop hit the pins for a 505 series which was tops for the day. Fellow Throoper John Kostelac followed with a 478 series, as John Holmes of Ricketts hit 472. High game of 198 was fired by Lowell Cockel of Throop.

Fleming Team No. 2 bowled 2090 for high team series, while Throop's Team No. 2 with a 729 gained top game honors.

center Bill Moore, who was the Poet high point man with 15 digits. Although his corner shots are pure murder, Moore never showed up too well all evening.

Scoring

Monty again turned in a swell defensive game in addition to follow up Saltman with 7 points. Cox, Butler, and Bowen with 4 each, and Bass with 2 rounded out the Tech scoring.

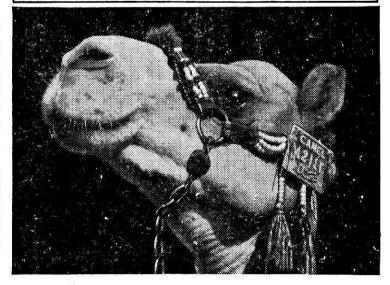
Whittier used a fast break all evening that was pretty potent. They were fast enough, also, to stop our fast break from functioning. They also work the ball around very quickly, but only now and then did they give evidence of being the team at the top of the league.

It's Redlands again this week. Some good support can possibly By Mudders in IH stop any 2 minute lapses such as we had last Friday, and we'll be able to take them again.

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

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## **Tech Battles For Second Place Spot**

with the Shoose

The good skiing conditions

well filled this last weekend, this

time with skiers, and to good ad-

vantage. All of the Snow Valley

successive storm brings new

powder. This is the first year

about rocks and bare spots in

the Bowl was readily accessible.

Except for a few moguls at the

top of the bowl, it was a fine run;

didn't ice up late in the after-

noon. The result of all of this

fine skiing is going to be, of

course, a distinct dissatisfaction

when the slopes at Snow Valley

resume their former selves.

Then, as in the past, it will be

dodging, dodging, dodging, with

intermittent prayers for just one

Blom, Carus Speedy

lom came off Sunday afternoon,

with several of our team mem-

bers competing. It was strictly

an individual competition, with

no team scoring. Of the Caltech | ]

racers, Jim Blom and Blouke

Carus turned in times of 1 min.

17 sec. and 1 min. 18 sec. respect-

ively, while the winner, Rolly

Deering, turned in a time of 1

min. 2 sec. Snowballs Stanaway

would have been right in there

if he hadn't fallen and broken

his glasses. He couldn't see the

gates in order to finish the race.

reluctance among the ski club

members as of late to clean up

the hut before they leave on Sun-

day. We wish that those who

read this take heed. Various vio-

lent measures are being suggest-

ed by bothered persons to take

care of violators. Let's see if we

Favorites Dropped

More bad weather than most

Californians will admit having

ther behind. During spastic

breaks in the rain a little soft-

ball and almost no tennis was

Blacker rushed out to drown

Ricketts 6-1 before the rain re-

sumed. On Wednesday the Men

of Dabney showed themselves as

better mudders as they smashed

Thursday was Christmas for Fleming as they powered from

behind to drop Ricketts 8-7 in an

overtime inning. The standings:

can't improve!!!

played.

Throop, 13-1.

House-Dabney .....

Blacker .....

Fleming ..... 1

Throop ..... 0 Ricketts .....

There has been an apparent

The big Mt. Baldy giant sla-

more inch of snow.

the runs.

Schussing

When Carl Shy and his cagers travel to Redlands this Friday night, they will need a win to maintain a tie for second place in the conference standings. In their last meeting, the Beavers upset the highly favored Bulldogs by a 53-40 win.

The Engineers will have to go all out to beat a revenge seeking Redlands five. But Tech should walk off the floor with a win after the final whistle. In their last three conference games the Beavers

have been going great guns, knocking off Oxy and giving both Pomona and Whittier bad scares.

### Saltman, Kreutzberg

The two men to watch are continue, and a new storm is Warren Kruetzberg and Paul breaking at the time this article Saltman. A duel between these is being written. The hut was two high scoring centers is certainly to develop during the course of the game. Probably Saltman has the edge in view of slopes have a fine pack, and each his better than 18 points per game scoring record. In the other departments both squads are that we have not had to worry about even, except for much greater height on the Tech team. This height beat the Bulldogs The sling lift broke down only way back in January and is goone day out of two this weekend, ing to be a deciding factor toto everyone's surprise, and so morrow night.

### Support Shymen

One thing the Shymen are going to need is a lot of support especially fine is the fact that it from the local fans. Let's have a big turnout to out shout that howling mob which is always in the Bulldog stands.

### Frosh Game

In the preliminary Ed Preisler and his suddenly gone wild Frosh will be gunning to upset the flashy and undefeated Redlands Bullpups. Remember basketball at Redlands on Friday night; Frosh at 6:45, Varsity tip-

0.10.		
Lineups:		
Redlands		Caltech
Rosenberger	$\mathbf{F}$	Bowen
Parker	F	Bass
Kreutzberg	$\mathbf{C}$	Saltman
Stanley	G	Cox
Waters	$\mathbf{G}$	Montgomery

### Frosh Sports Roundup By Leon Michaelson

The Little Beavers caught fire. It'll be quite a while before the boys from Whittier forget Patapoff, Granger, Grey, and the rest of the Frosh basketball squad. It seems we remember a little gridiron incident of last fall that called for revenge. It seems we remembered only too well. The Poet's gym scoreboard blared out through the smoke of the final gun: Caltech, 68, Whittier 53.

### Patapoff Stars The local basketeers had a hard

time finding the basket at first and trailed 31 to 27 at the half. But from then on it was Tech's game with Harry Patapoff leading the barrage with seventeen points in the second half to bring seen in their lives put Inter- his game total to 25. Vance Granhouse sports schedules even far- | ger played a magnificent game at center, sparking the Techmen's first half scoring with 11 points while boosting it to 19 for the evening. Norm Grey, in his first game at guard, cut loose for an inspiring 14 point total to help put the game on ice. With regulars Don Tautz and

Burt Snider sidelined with leg and ankle inuries respectively, the Baby Beavers travel to Redlands Friday. Last minute developments have given us reason to believe that the squad is doomed for more mishaps yet. We've heard that Grey is ailing from a lip injury received in the last game, Granger has contracted the flu, and Don Stewart has been

(Continued on Page 4)

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## Forrester to Biscuss Combinatorial Algebra

"Combinatorial Algebras and Number Theory" is the topic which H. A. Forrester will present to the Caltech Math Club sault, and twenty feet later two at their next meeing, Monday, people were picking themselves February 14 at 4:00 P.M. in 201 up out of the snow. The original

All interested are invited to attend, with a special invitation Der Schluss to lower classmen. Refreshments will be served.

### TOMORROW ASSEMBLY

(Continued from Page 1) lower Throop. Starting Monday, February 21st, the official campaigning will begin and continue until elections, which will be on Thursday the 24th. During this time there will be all of the preelection activities on campus. The run-off elections will be the following Tuesday, March 1st.

### **Important Offices**

The men who are elected will take office at the beginning of the end of the second term next year. athletic, and financial affairs. Considering the importance of these offices it is hoped everyone ed Engineering Societies will will take part in the nominations and elections. The Little T contains a description of the officers' duties.

President is a member of the for engineers on Corps projects. Board of Control, and the Vicepresident is the Chairman of the Room 206 in the Mechanical En- of universal interest to engineer- will then be able to take many Board of Control. The Treasurer gineering building and should be ing students. must keep the financial records of the corporation which run into several thousand dollars, and the First Representative is Social Chairman of the ASCIT. These are a few points to keep in mind when considering the nominees. Remember, it is very much to your interest that you be represented at this meeting.

### Classified Ads

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### **CAMPUS BREWINS**

(Continued from Page 2) away from his Browning ingenue, and tore down the hill. Half way down, he rammed a bunny trying to pick herself out of the snow. There was a huge somerpeople were picking themselves damsel in distress got tired of waiting and went home.

Abell hastening back from Snow Valley for Drama rehearsal why he would hasten from that and it may be set three or four chic date-obtained a ticket in Arcadia.

Our word is that this Sunday evening rehearsals are reasonably exciting. This feminine lead electrified Oxy at the Tech Talent Show. For details and a sad tale, see Boicourt, Stanaway, Price, or Houser.

### CE'S ENCOURAGED

(Continued from Page 1) third term, and hold it until the a parallel increase. Mr. Pehl went on to point out the diversity of The men elected to these offices these opportunities and the poscontrol student body affairs dur- sibility of their satisfying the deing this period, including social, sires of students for widely varying types of work.

Next Monday, the Consolidathold a meeting sponsored by the ASCE, at which Colonel Walsh of the Los Angeles District Office of the Corps of Engineers will speak on the work being done Besides his ordinary duties the and the opportunities available The meeting is to be held in

### WHO DEALT THIS MESS

(Continued from Page 2) was possible. For, consider the range of hands that your part- in setting them. Of course you ner might hold. Anything from still reserve the right to change

In the first case you can scarce-— though we can't figure out lly avoid setting Two Diamonds while there is no ghost of a contract for you. But in the second case you are missing a cold game and possible slam in Hearts.

So, agree to treat low level is the same wondrous fem that doubles as a proposal rather than a command. Remember that the double is a howling failure unless it garners more points

### TALKIN' IT OVER

(Continued from Page 3) and some of the other cross-country boys.

Dwight Schroeder should again lead the pack in the lows, and this year will surprise a lot of the other timber toppers in the highs. There is one boy who is really conscientious. Why don't some of you other guys take a hint?

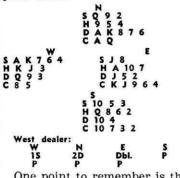
Should be a pretty fair ball game out Redlands way Friday night. It's too bad that Coach Shy is on a bread and milk diet. It was bad enough with just grey

than you could possibly have FROSH SPORTS ROUNDUP made in your own contract. plore the possibilities. Other- Then, when you double, it will wise you must pass and surely be understood as a message that, lose points, compared to what at the moment, it seems to you Monday night. that your best bet seems to lie

your mind later.

There is a simple set of rules available for your partner in deciding whether or not to leave the double in. They are based on his holding in the opponents' trump suit. With three or more, leave it in, even with a weak opening bid. With two, leave it in, holding three or more honor tricks. With a singleton, take it out unless holding at least three and one-half honor tricks. And with a void, take out the double regardless of honor count.

As another example of a good low level double by an enterprising East, and showing the complete hand:



One point to remember is that low level double practically precludes a fit in partner's bid suit for, with a fit, you have places of your own to go. In addition, it is not to be expected that you defensive tricks in that suit.

(Continued from Page 3) treated at Huntington Hospital for a cut on the head received

But Coach Ed Preisler and his five will be there Friday night, timing for revenge of the 59-32

defeat handed them in the early part of the season.

"There seems to be a lot of girls who don't want to get married."

"Why do you say that?" "I know, I've asked them."

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