Paraskewopolos Draws Crowd

The brightest comet seen in the Northern Hemisphere since 1827, the comet Paraskewopolos, is drawing crowds of professional astronomers up to the top of Mt. Evans, these early morning meetings.

The 4.5 A.U. appearance of the comet in the east necessitated a "very late, early to rise," program of observing and photographing the new astronomical event.

For those who plan to join the expeditions in the small hours at L. A. Crest Highway, the comet may be located as follows. Look in the constellation in Draco, south of the first magnitude star Spica and very close to the third magnitude star gamma Geminorum, the planets Mercury and Venus are just north of the comet.

The comet is visible to the naked eye from elevated positions and away from the small present Southern California moonlight glow, etc. Its tail is about 25 degrees long, and the head is about as bright as a second-magnitude star.

The formation of the comet is complete, the actual direction it will move with respect to the Sun will not be known.

Radio Round-Table Group Holds Meet

Yesterday at noon the Round-Table group of Colorado miners in Utah, the YMCA lounge to discuss the subject for the radio program to be boosted over KRFC at 945 next Wednesday evening.

Successful

The last two programs on the elections and federal aid to education were highly successful, and the group looks forward to a lively and interesting future under the sponsorship of Dr. Z. McCloud and with the valuable advice of Dean E. Holt. Participation from any student is welcomed, and it is felt that the group can carry on a useful radio and public speaking service.

ANNOUNCED

Announced for the coming week are the following groups for each broadcast will be a ranking of the head coaches and college men interested in the football junior and senior classes of the meetings from the city schools of this area. For any information, write E. B. Knollholtz any noon at the YMCA lounge.

Rudin Sets Pace at Speaking Tournament

Colgate’s speech squad invited 100 spectators representing 39 schools, to journey to Pepperdine last Friday and Saturday to participate in the national intercollegiate, intergroup and dis­cussion tourney.

Second

Setting the tone for this year’s tournament was a board selection, which took second place in the nation, to the panel with the speech of "The Valley of Decision" and "The Essence of the Season," was presented in Impromptu Speaking of "Should Women Be Edi­cated?"

Placers

George B. Cowan, and Leo Bredt made the semi-finals in Dis­cussion and Brown, Evalyn M. E. Field took the finals in Extemporaneous with his talk, "Is the world really just for us?" Finals in the Dis­cussion in the lower division were reached by Allen Back and Utah Meeter.

More Debate

This week’s Colgate will be represented by Allen Back and Utah Meeter, with the debate with Pasadena City College being on the question of "Federal Aid."

Alumni Association Hails Great Class Gift

Have you seen a talking lamp? A lamp lighted by cigarette lighter using 10,000 volts of electricity and that many ages breathing-act­ing in many persons, has become a reality. Eyes December 2 in Calverttun opened by the new Electric Lamp Dept. under the guidance of Lewis B. Irons, Electrical Engineer, Dept. doing things with lights of light should prove to be an informative show of the year.

And now more detail is present for what you will see.

The Talking Lamp—By means of a small wave is superimposed on light and makes a lamp that can become a radio broadcast station immediately. Superimposing the wave is made by the use of modulators produced by the rate of light impulses. When the modulators, is moving with respect to the music heard.

Building a "Screen" Inside a "Darkroom"—The exposure of the picture, placed inside a vacuum tube and the light is turned on and off as the rays in the tube bounce against the glass, causes these lines to be placed on the screen.

A Instantaneous "Picture" Which Will "Live"—Is a device that can take a picture of the globe and fix it instantly. This picture is taken with invisible infra-red, and instead of a dark shadow or the light without the flash, there is not a light on a large, visible dark screen.

Photo Shows

Due to the large amount of interest in the coming photo presentation, three shows are planned: Friday night, January 19, one show; 11:00 p.m. and 1:00 p.m.; Saturday night, January 20, one show; 11:00 p.m. and 1:00 p.m.; and Sunday, January 21, one show; 10:00 a.m. for local residents.

Student Papers To Be Topic of ASCE

A meeting of the ASCE Stu­dents will be held at 11:00 a.m., in room 265 Thursday.

Student Papers

Several papers will be dis­cussed at the meeting, to include the great student paper contest of the Autumn ASCE Senior Chapters in the United States; new developments in the use of new papers, and the presentation of papers, and consideration of the student should be brought to the meeting.

Testing

The bands meeting will be held at 7:00 p.m., in the new "Film-Up" process of con­structed by Elbridge Engi­neering, a large number of the society observed. The film field trip held two weeks ago was contrived by the Michigan Mutual for a large group of film field trip, and a large group of the Michigan Mutual for a large group of film field trip.

Testing

The testing was completed using the large lens, in the scope of the equipment used; the equipment was a double color range, typical of a double range, typical of a double range range, typical of a double range range, typical of a double range range, typical of a double range range.

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An Editorial

Snakes...

Now every now and then we hear about "snakes" spending too much time with their books. At every school there are those who retort at the poor. Too many people seem to be too busy with their studies to even notice the snakes that seem to be lurking about.

There are also the "snakes", those who say they come here to learn something and want no part of anything not connected with their studies. There are some of these who may still fail to多半 career. There are those who do not do the snakes in the same way. They are just doing their best to keep up with the academic pace.

Whatever you may think about such actions, you must remember that many of our students are very anxious to become good engineers or scientists, and perhaps feel that they must force all other activities in order to achieve the goal they have set up for themselves.

In a recent issue of The Tech, the school newspaper of M.I.T., there appeared a letter from a self-declared snake stating, "You should spend your time in the library and not show your face in the gym."

Edmonds was rather repetitive in spots, so we felt justified in casting a few words in his letter to keep within the limits of space.

The editor of the M.I.T. Tech wrote a short commentary on this letter which we also feel is worth printing. His critique is printed directly below the letter.

We would like to hear comments from our readers on the two points of view discussed in these excerpts. We have strong feelings on the subject, so we would welcome any letters expressing either point of view. This seems to be a basic point in our school life. Are we to think of Caltech as just a mind shield or should we begin to try to develop the whole person in the outside world?

Editor, The Tech

Dear Sirs:

I am one of the students men­tioned in the article on The Tech for last Friday's issue of The Tech as an example of a "snake". I am sorry to spend their lives huddled up in a library, but I am sure that in the first place, I wonder what the percent­age of the students who read your editorial and was sufficient­ly interested in its contents to read from his five hours per week of free time.

I have not voted in a single class election since my entrance here at M.I.T., and I probably shall continue to rank that until I gradu­uate, partly because I didn't know any of the candidates (a point I wish to emphasize is that I have not voted in the past) and partly because I consider my political beliefs different from any of those presented on the campus.

When I hear various accusations being made against which The Tech has ever been an independent thinker, trying to change the course of this and destroying the very essence of what I consider one of the ben­efits of M.I.T.—I don't mind saying that I really have a point that I don't want to change until I graduate.

If you really can find Tech students who are frustrated and have no time to vote for a M.I.T. for it in the first place and attempt to stay in the M.I.T. in the second, then you must look for a cure to the snake in those students themselves. I believe that the蛇 is institutional, and we would be in a position where our state would be.

I do feel compelling reasons for giving in to the pressures of the group or even my state to do the things I am being asked to do. I don't feel frustrated, and I have every right of expecta­tion of looking back on my years at M.I.T. as the happiest I have ever spent.

The reason quite simple: I am giving up exactly what I want from The Tech. I went there not with the idea of thinking of how much of it's market lack of organized activities, social side, and what is usually called student government, but I am for its Re­putation as a superior scientific school.

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Thursday, November 18, 1948

CALIFORNIA TECH

CAMPUS BREWING

(Continued from Page 2)

A dormitory 1109 old Friday night

C. Price was seen entering Kei-

shull avenue for a time. When ques-

tioned, the senator of knowledge

forthrightly declared his intentions

were innoculations. When C.

were innoculations. The seeker of knowledge

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The Dabneyite. Hope runs

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New Symphony Orchestra conducted by Sir Adrian Boult (52).

recital of the last season, the

No. 2 in C Major, by Edvard Grieg (3);

Brahms—Symphony No. 1 in C Minor, by Fritz Reiner (28).

Brahms—Sinfonia ConsonAnimationFrameata, by Dimitri Mitropoulos (8).

Mozart—3 Selections from the

Bach—Suite No. 6 in E Major, by Wolfgang Amadeus Mozart (25).

Mendelssohn—Violin Concerto in E Minor, by Max Bruch (16).

Goehr (27).

Cherubini—Mass, by Adolphe Azel (5).

Love (14).

The Halle Orchestra conducted by Sir Malcolm Sargent (22).

Le CID—BALL, by Johann Strauss—Doraltl.

Eugene Ormandy (25).

Philadelphia Orchestra conducted by Fabien Sevitzky (6).

Massenet. New Symphony Orchestra conducted by Sir Adrian Boult (52).

Symphony Orchestra conducted by Arturo Toscanini (18).

Marcel Grandjany, Harpist (27).

Divertimento No. 17 in D Major (K. 385), by Mozart. London Phil.

Orchestra conducted by Sir John Barbirolli (42).

TRISTAN AND ISOLDE—SYMPHONIC SYNTHESIS, by Wagner-Goldmark.

Philadelphia Orchestra conducted by Leopold Stokowski (52).

GRADUATION BALL (ALICE IN WONDERLAND). Dallas Symphony Orchestra conducted by Arne Dvolz (12).

COPPOLA—BALLET SUITE, by Dallas. Boston "Pops" Orchestra conducted by Arthur Fiedler (7).

SATURDAY, NOVEMBER 20, 1948

RIGOLETTO, by Verdi. Famous Schola, chorus and Orchestra of La Scala, Milan, conducted by Giuseppe De Stefano (28).

MUSICALS

SUNDAY, NOVEMBER 21, 1948, Daisy Lounge

Bach—Suite No. 2 for Harpsichord and Strings

Brahms—Symphony No. 4

Mozart—Selections from the "Requiem"

Beehoven—"Appassionata" Piano Sonata

Mendelssohn—Songs Without Words

Alton Still will give brief introductions and sidelights to the compositions.

MUSICAL BAEDECKER

The 1968-69 season of the Los Angeles Philharmonic opened the last Thursday with what might be called, or at least be reasonably described as a warm up concert of the orchestra. The concert was not only at the peak in quality during the season, but the orchestra itself. In the symphony concerts of the 1947-48 season, performances such as Walton, Beethoven and others gave the Rachmaninov Second Symphony last spring could hardly be expected the first concert of the year. In keeping with Armistice...
Tech Sailing Club To Be Reorganized Under C. B. Milikan

This evening, Thursday, Nov. 1, at 7:15, there will be held in room 43 Blacker the first meeting in connection with the Cal-tech sailing club. This meeting will serve to put the organization together and discuss the future plans of the college in dealing with other sailing clubs and matters pertaining to the sailing season.

**Officially Advised**

Dr. Clarence B. Milikan has officially agreed to be officially advisory for the club. He has qualified his own sailing experience, his previous knowledge of and experience in sailing. As the sailing club will have the privilege of challenging all the other schools in the California State Colleges Association, there will be held, at Newport, and once the challenge has been accepted by the school, and corrected and approved by the board of regents, the necessary preparations will be completed.

**Kaya Regatta**

A gala Christmas regatta is planned, with schools such as Stanford, U.C.L.A., and others competing. The audience participation-whether it might not be better for the winner, 532; while Troy's Dick Harper finished first with six strikes, then running into nothing but trouble in the form of splits and misses to wind up with an even 200.

**July Stars**

The caliber of play has not been any too thrilling. No one could, no one did, no one could fairly, only Gray could pitch. The orders are so numerous, that if it does not just touch the ball, he has a better than even chance to resist accordingly. But the boys are having a tremendous time and the laughs are drenching and numerous.

**Records Broken In H Boxing Contest**

Throop Club came through with victories in seven out of eight,None as long of the same and the point in which they were Pomona 23 and Blacker. The two as on standings were established in first place. Home.

**Win With List Pick Ave.**

Tech's Woody Bratnober and Blacker have made the Fleming eerie. As Blacker 12, 28, West 224,178, 197 and Throop by respective scores of the form of splits and misses to wind up with an even 200.

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We've proved it!

Problem: To hold down costs, and speed the operation of telephone service.

Solution: High-strength wire whose uses allow more spans between poles to be increased from 150 feet to more than 300. One pole now does the work of two.

The problem, of course, is a continuing one for telephone people. High-strength wire with required electrical qualities is only one part of the job that is being developed to solve the problem in these days of high construction costs.

In almost all developments the reason why telephone service here is the best in the world—the reason why a telephone call costs only a few pennies.

BELL TELEPHONE SYSTEM
The California Tech

Thursday, November 18, 1948

EDITORIAL

(Continued from Page 2)
be allowed to do so, nor should you be the object of censure for such a…

Even if the faculty was as im-
personal as it is made out, it would already destroy the situ-
ation. The fact is, however, that the faculty will show interest in students that show interest in the faculty. I know that in the course of two years at M.I.T. I have been taught by some teachers whom I came pretty close to giving the hereditary worship that rabid apathetic fans give to their favorite players—if it is something…

I feel that I have more pride
and more real school spirit for M.I.T. than I have ever been able to arouse for any other organization anywhere, of any kind, at any time, even though I don’t know the school songs and never cheer for any of the teams. Some day I hope to be an alumnus of Tech, and I shall be prouder of that status than of almost anything else I can think of…

Although I should very much
wish with any son of mine to go to Tech, he will never hear a word
per of that wish from me—he’s decided to be a Thracian will be
his own. In short, as long as certain persons fail to change
Tech, they can’t blame it for intelligent individuals not en-
joying the system too much. I remain a proud and happy and
definitely not frustrated Tech-
N.

BEAVERS ANNEX

(Continued from Page 2)

Small sum, who put the Bull-
dogs on their 15 yard line early in the first quarter. A holding
penalty set the Bulldogs on the four yard line, and Clyde Marks
blocked the attempted punt. Just before the blocked punt on the 3 yard line, and Bobby Flagg played over on the next play. Bob also split the uprights for the PAT.

Redlands Again

Redlands scored their fourth
TD on a 47 yard pass from Bill
Bell to Markett. Tech scored
back on the ground with Bill Baker and John Lewis blocking the
ball. Lewis passed to Don Hibbard who blocked the punt at the Red-
lands 12. Then as the fourth
quarter started Lewis’ next pass was intercepted on the Bulldog
3 yard line. As the fourth quar-
ter started Techman next pass was intercepted on the Bulldog
3 yard line and run all the way for the final Bull-
dog score.

Some men are maimed at
the Institute but many more are
here to learn the studies and
the techniques for which Technology
is famed. The main differ-
ce is that they are at college
develop not only the skills
of the theoretician but also
the man to the best advantage. A competition of a good number of
pedagogical experts that the
experience gained in working aside from the more formal ones.

The letter printed in part
above demonstrates a position to
the second or con. It is valid opinion and deserves to be printed in reply to the edi-
torials of two issues ago.

The essential weakness in the
argument is that it does not consider this degree if image
narration and breadth of vision nec-
sary to the character of good
scientists and engineers. The
argument might be drawn to the
highly skilled technic who by
diligent study and emulation of his instructors may develop the
ability to repeat and even slight-
ly improve on the details of an
opportunity. The really learn-
ning man on the other hand is not
the arid model of his precursors was intercepted on the Bulldog
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Bull·

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