Gravity Lens Found

Caltech News Bureau

Using a systematic astrophotometric technique, that combines radio and optical telescopes, scientists have found a radical new gravitational lens system. A triple radio source known as 1909+613 was the first triple lens system to be discovered.

The lens is composed of three stars, which are orbiting each other. The stars are located in the constellation of Auriga, and are about 1 billion light-years away from Earth.

The lens is a critical tool for studying the properties of dark matter and dark energy, which make up about 95% of the mass-energy content of the universe. The lens can also be used to study the evolution of galaxies and the large-scale structure of the universe.

The discovery was made by a team of astronomers from Caltech, the National Radio Astronomy Observatory, and the University of Texas at Austin.

The team used a new technique called optical gravitational lensing, which involves using telescopes to observe distant galaxies and stars, and then using the gravitational fields of intervening matter to bend and magnify the light from those objects.

The team identified two new gravitational lens systems, and they are now using the technique to search for more.

"This is an exciting discovery," said team leader Dr. James Gunn of Caltech. "We are able to see into the distant Universe, and we can study the properties of dark matter and dark energy in unprecedented detail."

The discovery was announced at a press conference held at Caltech last week.

"We are extremely excited about this discovery," said team member Dr. James Schombert of the National Radio Astronomy Observatory. "It is a great day for astrophysics, and we are looking forward to learning more about the universe from this lens."

The team plans to continue using the technique to search for more gravitational lens systems, and to study the properties of dark matter and dark energy in more detail.

The team would like to thank the National Science Foundation, the National Aeronautics and Space Administration, and the University of Texas at Austin for their support.

"This discovery is a testament to the power of collaboration and the importance of basic research," said team member Dr. James Schombert. "We are grateful for the support of our colleagues, and we are looking forward to sharing our findings with the world."
90% of Room Thefts Through Open Doors

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<th>Number of People</th>
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<th>Lloyd</th>
<th>Page</th>
<th>Fleming</th>
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<th>Blacker</th>
<th>Ricketts</th>
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<td>Responding</td>
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<th>Bicycles</th>
<th>Wallet</th>
<th>Portable Radio</th>
<th>Camera</th>
<th>Watch</th>
<th>Other</th>
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</tbody>
</table>

Number of Thefts in Rooms: 24, 11, 8, 22, 3, 1, 0, 16.

Threats:
- Bicycles: 3
- Wallet: 5
- Portable Radio: 2
- Camera: 2
- Watch: 0
- Other: 14

C.I.A.
AN EQUAL OPPORTUNITY EMPLOYER

NOW IS THE TIME TO CONSIDER JUNE EMPLOYMENT OPPORTUNITIES

CAREER OPPORTUNITIES WITH THE CENTRAL INTELLIGENCE AGENCY

The Central Intelligence Agency has professional opportunities for persons trained in the disciplines listed below. If you are a senior or graduate student now completing your studies we will be pleased to review your credentials.

- Aeronautical Engineering
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- Electrical Engineering
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- Electronic Engineering
- Computer Science
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- Mathematics
- Aerospace Engineering
- Economics
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- Physics

All initial assignments are within the Washington D.C. area. Some require foreign travel. U.S. citizenship required.

Get an application form from the PLACEMENT CENTER, Room 10, Dabney Hall. MAIL IT NOW!! Qualified applicants will be contacted to arrange off-campus interview.

MAIL YOUR RESUME OR APPLICATIONS FORM TO:

L.L. CURRAN
P.O. BOX 669
LAWNDALE, CA 90260

CENTRAL INTELLIGENCE AGENCY

from page 1
1. bicycle thefts occurred almost exclusively outside of students' rooms, and thieves locked and unlocked bicycles equally; 2. most threats and assaults to Techers occurred off-campus on walks to and from grocery shopping and night strolls through nearby neighborhoods; 3. the "other" category consists of property such as backpacks, food, laundry, bicycle parts, keys, car covers, and personal items easily picked up in a student's room.

A few conclusions may be drawn. First, if the average value of bicycles can be placed at $200 each, then we can see that the average undergraduate loses $12 per year due to bike thefts alone. Campus-wide the bike theft problem alone is a hidden cost to the students of approximately $300 per year. Second, over 90% of room thefts could be avoided by locked and shut room doors. Unfortunately, locked and shut room doors may not be an attainable reality for 100% of the campus. Making the house' hallsways and common areas secure from intruders, however, would eliminate an even greater number of thefts without necessitating that room doors be locked shut. The chart indicates that about as many thefts occur in the houses outside of rooms as do thefts in rooms.

A more humorous observation that can be made from the questionnaire results is that any particular student could live on Caltech booty. Think of it...food, clothing, money, music, transportation, warm places to sleep, and many fenceable items.

Lastly, it is evident that less than 50% of all thefts get reported to campus security. This has a bearing on parceling out the officer's time, the recoverability of your stolen property, and the abilities of campus security to know what to look for on a suspect.

I would like to thank everyone who participated in and helped conduct the questionnaire and encourage further discussion on this subject. The scope of this questionnaire is limited to on-campus undergraduates.

THE CALIFORNIA TECH

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Design: Room 115, 356-6155
Sports Editor: Room 115, 356-6150
Sports Information: Room 115, 356-6154
Letters to the editor should be the author's name and address.

From page 1...
...I would like to thank everyone who participated in and helped conduct the questionnaire and encourage further discussion on this subject. The scope of this questionnaire is limited to on-campus undergraduates.
The Body Shop
Keep Drinking

Maintenance of water balance in the body is essential, especially in warm, dry climates and when viruses are circulating.

As a nutrient, water is the second most essential, oxygen being the first. 70 percent of the human body contains water and it can only last for four days without it, in contrast to most other nutrients where effects of deprivation may only occur after weeks or months. Its functions are all vital. Water is an important regulator of body temperature, allowing heat to escape when perspiration occurs. It also contributes as the major component of the transport systems of the body, blood being 80 percent water. Blood and lymph fluids carry other essential nutrients including products of digestion and oxygen to where they are required by the body. Fluids also protect and lubricate, especially in the oral and nasal cavities and at joints to prevent function. Fluid provides a cushion for the intestines and other body tissues. Water is equally important in the excretion of waste products and can prevent severe toxic states from forming due to inadequate removal of wastes from the body. The average adult can maintain water balance (that is equal ingestion and excretion) with approximately ten cups of fluid a day. Water can, of course, be substituted for other liquids such as juices, lemonade, tea and broth. However, even drinking six cups will be sufficient as food and the products of digestion will usually provide the remainder.

Thirst is not always an accurate indication of the body's needs. For example, with exercise the body needs 2 percent more fluid than your thirst tells you. A good rule would be to ingest three more cups of liquid a day than our thirst tells us. Leading busy, rushed, strenuous and athletic lives we may be less susceptible to ill health through as simple a measure as drinking more. - Miki Goodwin, R.N.

Young Health Center

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BUILD YOUR OWN DESERT
ICE CREAM - TOPPINGS - BROWNIES

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HEWLETT PACKARD

COME AND HEAR WHAT H.P. HAS TO OFFER!
MEET OUT RECRUITING TEAM

Jim Boyden
RoseMary Dooley
David Evans
Weldon Jackson
Eric McKinlay

Wednesday, January 25
7:00 - 9:00 PM

IN CHANDLER DINING HALL

The HP 150 “Reach Out and Touch” Personal Computer will also be demonstrated this evening

WANTED

ARE YOU INTERESTED IN BUSINESS, PROBLEM-SOLVING, MARKETING, AND HARD WORK? If so, please read the following job opportunity.

The Job

We are looking for a potentially high-powered person who is interested in a career position in precious metals trading. You would be working as a trainee for a well-known, reputable, and well-capitalized West Coast-based precious metals company (established in 1965) that distributes gold, silver, and platinum in coin and bar form on a wholesale basis to banks, brokerage houses, and coin dealers throughout the United States and abroad.

Aspects of the Position

The job would entail on-the-job training and a lot of phone work; mathematical reasoning in looking at various CRT screens, thinking what the numbers mean and integrating those into prices; creative thinking; thinking about all of the markets and the activity; and thinking about what’s going on around you.

- Training in national/international commodity trading of “physicals” and futures,
- You would have a close working relationship with senior company people,
- The position is challenging, requires high-energy and problem-solving, and
- It’s an opportunity for creativity and originality.

Basic Trader Qualities

- An excellent mind (for example, SAT/GRE scores in the high 700’s to 800 on both math and verbal).
- Outstanding common sense/“street smarts”.
- Aggressive, competent, and (subtly) in control.
- Must be able to react and make decisions quickly to market changes and the flow of business.
- Must have a very good memory.
- Must be good with numbers.
- Thinking things through in advance (a strategic-thinking mind).
- Must be self-motivated, dependable, and professional.
- A team player.
- A creative thinker.
- Respect others.

Other Key Characteristics and Responsibilities

- Must provide excellent service to customers.
- Amiable person who can work in highly charged, close working relationship with others.
- Must be able to work under pressure.
- Capable of assimilating and understanding relationships between a wide range of information,
- High energy level.
- Motivated by achievement and income, a “self-starter”.

Compensation

- Salary, minimum, $25,000 per year.
- Medical coverage.
- Parking.
- Potential bonus.

If you believe that this job could be for you, please send (a) your resume, (b) your SAT/GRE results, and (c) a letter explaining why this job could interest you to:

Mr. Michael Kelley
A-MARK PRECIOUS METALS, INC.
9696 Wilshire Boulevard
Beverly Hills, CA 90212

We will contact you within 30 days after receiving your information.

P.S. If you know someone who might interested in this job and who could fit these qualifications, please tell them about
sophomores still worried about the gallant efforts by RA's Rick in case anybody ing Dave in the record time of 2 years, 63 days, and 1 hour, also the Frosh finally got the guts to shower me. Now on Ruddock: The social event of the week was the Courtyard (oops!) the laziest of Rudds showed up for the free grub. knowing the whereabouts of 1 totally black puzzle piece please report to the lounge and give it back). For any for parking in the yard of Ricketts: Hello, and welcome to Ricketts House, land of Jigsaw Puzzles, Jacks (Do you remember how to play jacks?), Mark Wieczorek (from Lloyd: No entry. any others? Dabney: No entry. Blacker: This week, the president of Aird House received the following lettre: Well let me tell you, mister Head Gopher, the members of Aird House do not succumb to blackmail! (Yea!) And that...THIRST-AID KIT. For emergencies, you will find a THIRST-AID KIT runs dry. two or three times a year! Towing services, and bogus services against Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. and Ruddock. against Ruddock. and Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. against Ruddock. and Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. and Ruddock. against Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. against Ruddock. and Ruddock. 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Proposed ASCIT Amendments Explained

This amendment makes it possible for any registered undergraduate to vote for the offices of BOC Chairman, BOC Secretary, and JHC Chairman.

AMENDMENT 1: Changes in the Elections Procedures

March 1 will remember the taxing of run-off elections which usually accounts for about 5% of the ASCIT elections. This amendment will result in the elimination of the last-run-off, the mental one, almost a joke. Therefore, the Elections Committee and the By-Laws Committee have proposed the following changes consistent with requests for Undergraduate Research Elections Procedures.

1. Therefore, the ASCIT Handbook by making it an annual publication. This amendment will make it easier to prepare a quarterly budget and will also allow the handbook to be an annual publication. This amendment will make it easier to prepare a quarterly budget and will also allow the handbook to be an annual publication.

2. An absolute majority of valid, non-refundable after add day. This will make it easier to prepare a quarterly budget and will also allow the handbook to be an annual publication.

3. No more than three candidates shall be nominated. This amendment will make it easier to prepare a quarterly budget and will also allow the handbook to be an annual publication.

4. Three or more candidates must be nominated in the same election. This amendment will make it easier to prepare a quarterly budget and will also allow the handbook to be an annual publication.

5. A system of run-off elections will eventually make the two major features:

a) No more than three candidates shall be nominated. This amendment will make it easier to prepare a quarterly budget and will also allow the handbook to be an annual publication.

b) If any one of these three candidates shall be nominated, the office of Secretary, the office of BOC Chairman, or the office of JHC Chairman shall be filled.

6. Candidates must be nominated by petition. This amendment will make it easier to prepare a quarterly budget and will also allow the handbook to be an annual publication.

7. If an exact tie in final election, p. 23. This amendment will make it easier to prepare a quarterly budget and will also allow the handbook to be an annual publication.

8. A system of run-off elections will eventually make the two major features:

a) No more than three candidates shall be nominated. This amendment will make it easier to prepare a quarterly budget and will also allow the handbook to be an annual publication.

b) If any one of these three candidates shall be nominated, the office of Secretary, the office of BOC Chairman, or the office of JHC Chairman shall be filled.

c) If a majority prefers a candidate, that candidate will be elected. If a majority prefers a candidate, that candidate will be elected.

d) If no majority prefers a candidate, the By-Laws Committee will determine the results. If no majority prefers a candidate, the By-Laws Committee will determine the results.

References to Gender in the By-Laws.

References to gender from the Honor Code have been eliminated, since the focus then is not on the gender of the student body but on the policies and procedures of the university.

AMENDMENT 2: Removing References to Gender in the By-Laws.

References to gender from the Honor Code have been eliminated, since the focus then is not on the gender of the student body but on the policies and procedures of the university.

AMENDMENT 3: Dues Nonrefundable After Add Day

It is proposed that dues be nonrefundable after add day. This will make it easier to prepare a quarterly budget and will also allow the handbook to be an annual publication.

AMENDMENT 4: Definition of Fiscal Year

The ASCIT year begins on March 1. This amendment defines more clearly when the fiscal year ends, especially in leap years.

AMENDMENT 5: Preservation of the Undergraduate Research Opportunities Handbook

This amendment is designed to ensure the future publication of the Undergraduate Research Opportunities Handbook by making it an official ASCIT publication and by decentralizing the responsibility of publishing the handbook to the directors of Large Branches.

AMENDMENT 6: Change in Voter Qualification

This amendment makes it possible for any registered undergraduate to vote for the offices of BOC Chairman, BOC Secretary, and JHC Chairman.

The business manager's guaranteed commission should read $1200, not $1800. As it is, the amendment would give the business manager double the editor's salary. Please vote against it.

— The California Tech
Weekly Sports Calendar

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Event</th>
<th>Venue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sat. 1-14</td>
<td>10:00 am</td>
<td>Swimming (M)</td>
<td>U.C. Riverside</td>
</tr>
<tr>
<td>Sat. 1-14</td>
<td>10:00 am</td>
<td>Wrestling</td>
<td>Caltech Invitational</td>
</tr>
<tr>
<td>Sat. 1-14</td>
<td>6:00 pm</td>
<td>Basketball (JV)</td>
<td>Occidental</td>
</tr>
<tr>
<td>Sat. 1-14</td>
<td>8:00 pm</td>
<td>Basketball (Varsity)</td>
<td>Occidental</td>
</tr>
<tr>
<td>Wed. 1-18</td>
<td>4:00 pm</td>
<td>Wrestling</td>
<td>Univ. of La Verne</td>
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<tr>
<td>Wed. 1-18</td>
<td>6:00 pm</td>
<td>Basketball (JV)</td>
<td>Whittier</td>
</tr>
<tr>
<td>Wed. 1-18</td>
<td>6:00 pm</td>
<td>Basketball (JV)</td>
<td>Caltech</td>
</tr>
<tr>
<td>Wed. 1-18</td>
<td>8:00 pm</td>
<td>Basketball (Varsity)</td>
<td>Caltech</td>
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<tr>
<td>Wed. 1-18</td>
<td>9:45 pm</td>
<td>Hockey Club</td>
<td>UC Irvine '2</td>
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<tr>
<td>Sat. 1-19</td>
<td>10:00 am</td>
<td>Swimming</td>
<td>Whittier &amp; C.M.S.</td>
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<tr>
<td>Sat. 1-19</td>
<td>10:00 am</td>
<td>Wrestling</td>
<td>SCIAC Dual Meet</td>
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<tr>
<td>Sat. 1-19</td>
<td>6:00 pm</td>
<td>Basketball (JV)</td>
<td>Claremont-Mudd</td>
</tr>
<tr>
<td>Sat. 1-19</td>
<td>8:00 pm</td>
<td>Basketball (Varsity)</td>
<td>Claremont-Mudd</td>
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Tech Greater Than LIFE

by Ath Man at Large

The Caltech basketball team increased its record to 6-2 with a 63-55 victory over LIFE College last Friday before falling to Pomona-Pitzer, 96-48, in the league opener on Wednesday.

The Beavers played exceptionally well in some stretches of Friday’s game, gaining large leads in each half. LIFE came back both times, however, and pulled to within 58-55 with just minutes to play. The Beavers prevailed, however, at fine play by Bill Gustafson and free throws by Stewart Peebles and Dave Werntz clinched the victory.

Peebles finished with 15 points and 10 rebounds, a performance which, when combined with his effort against Christ College, was enough to get him named as the NAIA District III Player of the Week.

Ed Zandell and Greg Helgren, numbers one and two in District III scoring, netted 15 points each, and the large crowd of Beaver rookers were happy again.

Caltech was outclassed against the big, deep Pomona squad, but the Beavers worked hard and did not make many of the stupid mistakes that have plagued them in league games in previous years. Bill Gustafson rebounded well and Chris Kyrissakos shot effectively outside, and Ed Zandell handled the ball well against Pomona’s pressure defense.

Cricket Win

By Cricket Reporter

In their last game of 1983, the Caltech Cricket Club beat PCC in a close encounter. In reply to Caltech’s 40 runs, PCC was bowled out for 38.

Caltech was playing without a number of regular players and was forced to field a team short of two players. Put in to bat first, Caltech built up its score with the aid of fine batting by Captains Dhalal (10), Brian Warr (5) and Ramsajay (5).

Later in the afternoon PCC put in a team to bat that had beaten Caltech earlier this series. Opening bowler Ramsajay and newcomer Zela, however, bowled well under control and struck early blows to the PCC batting lineup with the scoreboard reading 4 for 5 wickets.

A twenty run partnership after that had Caltech back in the tight corner, but once again fine bowling by Ramsajay assured Caltech victory as PCC was bowled out for 38 runs.

Thursday, January 19, 1984
11:30 am-3:30 pm
Winnett Student Center

BS/MS in EE, CS and ME.
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Come informally any time during the hours indicated above and learn about technical career opportunities in IBM from many different locations throughout the country. Then sign-up on interview schedules (through your placement office) for formal interviews which will take place on January 30 and 31.

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  - electronic technology
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January 23rd
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HOMEMADE FASTRIES: BAKLAVA, BURMA, AND NAPOLEONS

For the Entire Month of January
A free root beer float to all Juniors, Seniors, and Grad Students

Faculty, Grad Students, Attend!
Mondays and Tuesdays are Beer Days. Half price on beer.
Languages and HSS

There seems to be some confusion among credit for the first and second years of foreign languages (see p. 83 of the current catalog). Many students mistakenly believe that only the fifth or sixth term of a language receives credit. In fact, every term receives credit towards the 18 unit requirement in HSS. In addition, either the fifth or the sixth term of a language (but not both) may count towards the 18 unit advanced humanities requirement.

Numismatic Society

The speaker at the January 18 meeting of the Caltech-JPL Numismatic Society will be George M. Baude. He will discuss and illustrate the use of satirical notes and tokens in American political history. These notes and tokens have been produced since the election of Andrew Jackson to extol or denigrate candidates for public office.

All Caltech and JPL personnel are invited to attend meetings which are held at 7:30 pm on the third Wednesday of each month in the Church Laboratory building on campus.

Traum and Wallach

Artie Traum, who will be performing on campus for the third time, will appear along with singer/songwriter Kim Wallach, next Saturday (January 21) in Dabney Hall at 8 pm. The concert is being organized by the Caltech Folk Music Society and tickets are available to the public for $5 in advance or $6 at the door, but both are sold under your student ID. Student tickets can purchase 3 tickets (subsidized by the OSC). Tickets are available through the Caltech Office of Public Events box office, 356-4652.

SURF's Up!

SURF applications are now available in Room 207 Thomas. This year some faculty members have submitted a brief description of proposed SURF projects in their labs, which can be looked through in the file in Carolyn Merkle's office. 207 Thomas. If you have questions or need help, please contact Dr. Shafr (206-41, ext. 4180) or Carolyn Merkle (104-44, ext. 4285).

Parlez-vous Français?

Les étudiants et les enseignants de CALTECH parlant le Français, soit comme langue maternelle, soit comme langue seconde, sont invités à se réunir le vendredi 13 janvier, à 15 heures au "Y Lounge." Winnett.

L'objectif de cette réunion sera de jeter les bases d'une Association des Francophones de CALTECH. Son statut, ses objectifs et ses moyens seront discutés.

Pour des renseignements plus précis, adressez-vous à M. Pierre Grosdidier, extension 4869.

Do You Speak French?

CALTECH students and faculty who speak French, either as their mother tongue or as a second language, are invited to meet at 3 pm, January 13 in the Y Lounge, Winnett.

The objective of this meeting will be to establish the basis for a Francophone Student Association. Its status, objectives and means will be discussed.

For more information, contact M. Pierre Grosdidier, x4869.

The Other Damien

The story of a 19th-century Catholic priest who devoted 16 years of his life to Hawaii's lepers will be portrayed dramatically in Ramo Auditorium next weekend, January 20 and 21.

Caltech's Director of Choral Music, Don Caldwell, will play the part of Damien in the one-man, two-act drama. Caldwell has done three other productions of "Damien," twice in Chicago and once in San Marino.

The play, which first came to national attention on PBS in the late 70's and then played off-Broadway in New York, was written by Aldyth Morris. She is both the mother and grandmother of former Caltech students.

The performance will be given twice, on Friday and again on Saturday, at 8 pm. An admission will be charged. "Damien" is being sponsored by The Caltech Y.

Affairs in Salvador

The Caltech World Affairs Forum will sponsor a discussion on the future of El Salvador, this Friday, January 16, at 7:30 pm in the Caltech Y Lounge. Everyone is welcome.

For those who are interested in having some background information on El Salvador, the WAF has put together a packet of material available at the Caltech Y Office. These include a historical chronology of events leading to the present-day revolution in El Salvador since the 1930's, a short excerpt from the testimony of a former Salvadoran Army officer before the U.S. Congress on the subject of Salvadoran Death Squads, the text of the U.S. State Department's White Paper on El Salvador, and the text of the official response of the FMLN-FDR to the U.S. White Paper.

If you are interested in learning more about the World Affairs Forum or in joining the organization, you can attend the club's business meeting at 7 pm Monday, right before the Discussion.

Shop Meet

1:30 pm, Saturday, January 14th, basement of Winnett Student Center (entrance on west side). Members and prospective members show up to exchange keys and clean up shop.

Witnesses Needed

Anyone who witnessed an accident on California Boulevard near CIT between a Kiva (Yamaha) Scooter and a dark-colored small car on Nov. 28 about 6 am is kindly asked to contact PCC student Sloan Williams through the PCC Student Activities Desk, 578-7385, or through the Caltech Y, 8163.

Totem is Coming

Caltech's "respectable, if irregular magazine of prose and verse, art and photos," the Totem, will be published again this year, so now is the time to start working on your contributions, for the rare chance to make your mark on the world in a non-scientific way. Contributions must be sent to David Sahnow, 1-55.

Mark Twain's Shorts

"Mark Twain's Bizarre Shorts," an adaptation of several of Mark Twain's short stories and essays for the stage, will be presented on campus this weekend in Winnette Lounge. Performances will be Friday and Saturday, Jan. 13 and 14 at 8:00 pm. Ticket prices are $3.00 for students and $5.00 for the general public. Tickets can be obtained at the door or from the Caltech Ticket Office (818) 356-4652.

Healthy Questions

Next Tuesday, questionnaires about the Health Center will be mailed to all students. If you wish to discuss Health Center in more detail, please come to the Y Lounge, Wednesday at 9:30 pm. Otherwise, please return the questionnaires as soon as possible to ASCCT, 102-31.

CLAGS Meeting

There will be a meeting to plan the upcoming dance and other possible events. Meetings will continue to be held in 210 Baxter, Sundays at 2:00. Bring food, friends, and ideas! See you there!

SIF Elections

It's time once again for SIF elections! The Caltech Student Investment board, a $102,000 stock and bond portfolio managed by a 12-member board of directors, invites all students interested in learning more about the exciting— and often treacherous—field of capital market investment to submit applications for membership by Friday, February 10, to the Dean Of file, c/o SIF, 102-31. Applications may be obtained from any SIF officer: Mike Curtis, Darrell Schlom, and Mark Adams in Roddock House or Joseph Lee in Page House. The new 1984-85 SIF Board will be announced by February 22.

Track Starting

Caltech track practice has started. Anyone interested in joining should contact Coach Leroy Neal at Brown Gymnasium. Practice starts at 4:00 pm during the week. The team opens the season March 3.

Tech Staff Meets Mondays at 12:15 pm in 127 Baxie. All are Welcome.