Caltech Aces La Verne

by Silver Ace

The Caltech men's tennis team rolled over La Verne Tuesday in its first league victory of the season. The final score, a total of seven matches won versus two matches lost, accurately reflected Caltech's level of playing and its domination over La Verne. Five of the seven wins were in straight sets.

Although Caltech's losses were the first singles and the first doubles, the team showed its depth by winning all of the other singles and doubles matches. Rajiv Sahney won second singles 6-2, 6-3, Pete Rodriguez won third singles 6-4, 6-4, Ryoji Watanabe won fourth singles 6-2, 7-5, Ashok Krishnamorthy won fifth singles 6-2, 6-1, and Khanh Nguyen won sixth singles 6-3, 3-6, 6-3. The doubles scores were similar, with Watanabe and Khanh Nguyen winning second doubles 6-7, 6-5, then default, and Mark Wieczoriek and Tom Nolan winning third doubles 6-3, 6-1.

The Caltech tennis team showed much potential on Tuesday. There is an even distribution of classes among the 15 members of the team, including five freshmen. Three of the nine that played on Tuesday were freshmen, Khanh Nguyen, Mark Wieczoriek, and Tom Nolan.

Although the Caltech men's tennis team is still far away from beating the likes of Redlands or Pomona-Pitzer, there is certainly plenty of room and potential for improvement and the team's performance could significantly improve in the future.

There are matches twice a week, every Tuesday and Saturday. The home matches are on Tuesday afternoons, so come and watch if you want to be able to see some good tennis. The season will continue third term.

Women's Week: Politician Shirley Hufstedler speaks on women's achievements Tuesday (above) and Ruth Barrett and Cynthia Smith play dulcimer music at the OWC Noon Concert Thursday (below).

Caltech Wins Putnam Exam

by Chris Meisl

Caltech won the forty-fourth annual William Lowell Putnam Mathematical Competition, with team member Alan Murray placing in the top 10 individuals in scores in U.S. and Canada.

Charles Cuny and Brad Broe, the other members both received honorable mentions, according to Professor Richard Dean who administered the exam for Caltech.

Other honorable mentions were Eric Kawasaki and sophomores Jung Im and Everett Howe.

Since the first Putnam competition in 1938, Caltech teams have placed first 9 times, second only to Harvard University's 10. In third is the University of Toronto, with 4 wins. Caltech last won the Putnam Exam from 1976 and received an honorable mention in 1981.

The victory earns $5000 for Caltech, and will be used to maintain the Eric T. Bell and Morgan Ward Prizes for Caltech undergraduate work in mathematics.

Alan Murray will receive $250 for his top ten standing, in addition to the $200 given to each member of the winning team.

The Putnam Competition was established in 1927 by Mrs. William Lowell Putnam when she created the William Lowell Putnam Intercollegiate Memorial Fund in honor of her husband.

Currently, the exam is administered by the Mathematical Association of America.

Each exam, which is given in two parts for morning and afternoon sitting, is designed to test both technical competence and originality.

Additional information on the competition can be found in the American Mathematical Monthly, which regularly reprints the exam questions and sometimes includes the solutions.

Beavers Strike Out

by Doug Ohte

The Beavers tried to make a respectable showing at La Verne last week, but were simply overwhelmed by their opponents superior offense and lost all three games.

Not all was dark for Caltech, however. Steve Havestead picked up an offensive show of his own, raising his batting average from .500 to an awe-inspiring .666 to become the league's leading hitter to date. Havestead destroyed the La Verne pitching staff, picking up five hits in five at bats on two doubles and three singles. He also drew six walks in the series, as La Verne failed to keep him from reaching base even once.

Mercifully for La Verne, the rest of the Beavers were not as hot as Havestead. In Saturday's first game, the Beavers lost 14-3. Phil Scott accounted for most of Caltech's offense, picking up two hits in three at bats.

In the second game La Verne walloped the Beavers, handing them an 18-3 loss. Pat Harrison had a home run for Caltech, and Steve Havestead picked up two hits.

On Sunday, the Beavers did a slightly better job of quelling the La Verne offense, giving up 12 runs. Unfortunately, that was more than enough as Caltech collected only six hits, and lost 18-6.

Steve Havestead led the way with three hits in three at bats. Bob Moster, Russ Grayner, and Michael Kenting also helped out, each chipping in one hit.

The Beavers take a rest during finals week, but return in spring break to play Pacific Coast Baptist College away on Tuesday.

Turbulence Offered For Finals Week

The turbulent movement of fluids, such as bodies of water or air currents, and new approaches to understanding this complex phenomenon, will be the topic addressed in the second Caltech winter/spring course by Earnest C. Watson Lecture, "Turbulent Flow," on Wednes­day, March 14. Dr. Paul Dimotakis, associate professor of aeronautics and applied physics, will begin his talk at 8 pm in Beckman Auditorium. Admission is free.

Familiar instances of turbulent flow such as floods and storms at sea have awed and fascinated humans from their earliest awareness of their environment. Yet, such occurrences have resisted examination from the observations of Homer and Leonardo da Vinci, to the efforts of many distinguished contemporaries. Dr. Dimotakis will discuss how new ways of visualizing and measuring flow may aid understanding of turbulence. This development could have a significant impact on such areas as achieving combustion efficiency, power plant and jet engine construction, and pollution control.

Nominations Open for ASCIT Appointed Offices

Nomination sheets have been distributed to the house presidents to be posted in each house. The offices that are available are: ASCIT Executive Committee, Social Activities Chairing President's Staff, Elections Chairman, Educational Policies Committee, Communications Director, Student Darkroom Chairman, Publications Darkroom Chairman. Nominations are due by Saturday, two weeks from today.

Anyone can sign up for these jobs. The nominations will be open through the end of March but sign up soon because interviews will be starting at the beginning of next term.

Now that finals are coming up soon, it is TOFR time. Here's your chance to praise and/or criticize the courses which you are taking. Please fill out your TOFR forms before you forget, and send them in. Additional comments about courses are appreciated. Extra forms may be picked up opposite 105 Winnett, or in 126 Lloyd. Please turn in your final TOFR forms by April 22 so that the report can be compiled and mailed to the Dean who administers the ex­ams.

It's TOFR Time! You can't just complain about the courses you are taking. Please fill out your TOFR forms before you forget, and send them in. Additional comments about courses are appreciated. Extra forms may be picked up opposite 105 Winnett, or in 126 Lloyd. Please turn in your final TOFR forms by April 22 so that the report can be compiled and mailed to the Dean who administers the exams.

Notes

1. The exam is open to any student who wants to participate.
2. Two people (representative and alternate) will be chosen from each house. The representative will be responsible for collecting and submitting the TOFR forms.
3. This committee compiles the TOFR and awards the best grades to the courses that receive the highest ratings.
4. This person will be in charge of running the cheapest long-distance calling service for the student body.

The woods are lovely, dark and deep.
But I have promises to keep,
And miles to go before I sleep.
Support ERA As Well

To the Editors:

It's really nice that Congress and Caltech have declared a week (March 4-March 10) to recognize women's achievements. Now what is needed is for us to urge the Congress to ratify the ERA so that women get 365 days of recognition, not just 7.

- Al Seckel

Shair Explains

To the Editors:

I would like to clear up a misconception concerning what I quoted you as saying.

Chan Was Misquoted

To the Editors:

I call your attention to the following statement in your recent article on the Faculty-Student Conference (March 2 issue) page 1, column 4.

"Chan also explained that the course is lectured by several different professors so that each can spend more time on his research and lecture only on topics in his area of expertise." I'm afraid I can't claim credit for this insight! The problem is that it's a cop-out, and I cannot in good conscience support it. Someone else must have been the source of that remark. Check the tapes.

-Sunny Chan

ON THE RECORD

by Chris Meisl

The Takacs Quartet presented an excellent program at last Sunday's Coleman concert, playing with an enthusiasm unequalled by earlier quartets in the Chamber Music series.

The youthful group began with Haydn's first "Emmylou" Quartet. This popular work, composed between 1796 and 1798, is one of Haydn's earliest successes in introducing polyphony during a primarily homophonic period.

Next on the program was Bartók's third Quartet, surely the most difficult he wrote. It was followed by another modern work, Webern's Six Bagatelles and its unusual demands on the violinists.

Beethoven's Quartet in E Minor, Opus 59, No. 2 followed with the incidental melody in the third movement that later the Coronation Hymn in Mussorgsky's opera Boris Godunov.

After a rousing applause, the Takacs Quartet added a couple of interesting encores.

First was the pizzicato allegretto of Bartók's Fourth Quartet. The entire movement is played by plucking the strings.

The second encore was a melodious arrangement of Schubert's string orchestra works that don't use double basses.

Coleman's next concert will be the Tokyo Quartet with violinist Raphael Hillyer on April 1.

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Canada's Bear of Beers is here!

Down from the North Woods of Canada comes Grizzly Beer. Not just another Canadian beer, but a rare breed of brew. An authentic Canadian lager—naturally aged, so it's remarkably smooth. With a flavor no other Canadian beer can stand up to. The bear of beers is here!
BPD - Relay and Sprints - The winds are blowing, but you) do your best to keep up. The relay team is doing well, but the sprinters are struggling. It might be a good idea to have a practice session tomorrow to work on their form and technique.

The Inside World

The California Tech is a small group of scientists and engineers with a charter to develop aspects of space weapons and ballistic missile defense during the first hour of the program. The second half will provide a panel featuring Dr. Carl Sagan, Adm. W. David Stumpf, and Chris Smith (331 Baxter) between March 5 and March 6 in the CHS building. All members of the California Tech program are most welcome to attend.

Carnation Awards

Each year Caltech awards upwards of twenty Institute and Carnation Fellowships. These awards are based solely on academic achievement, and are available to any freshman, sophomore, or junior enrolled at the Institute. If you are interested in applying, need-based applications will be available in the office of Carolyn Merkel (207 Thomas) or Chris Smith (331 Baxter) between March 5 and March 6, 1984. They should be returned by March 10.

Support Your Spine

On Thursday, March 15, the OWC (Organization for Women at Caltech) is sponsoring a noon program in Winnett Lounge that will teach participants how to provide relief for those aching muscles. Joanne Bartlett, massage therapist at the Pasadena YWCA and former instructor in massage therapy at San Diego State, will give a demonstration-lecture, teaching some simple techniques people can use to help each other relieve muscular aches and pains.

Participants will be invited to pair off and practice what is being preached.

Ballistic Defense

The Caltech World Affairs Forum will be meeting on Monday, March 12 at 7:30 pm in the Y Lounge to discuss “Ballistic Missile Defense.” All members of the Caltech community are welcome to discuss this issue of technology and policy. Refreshments will be served. Business meeting at 7:00 pm.

Minted Ladies?

Popular speaker Dr. Walter Ostrom (the nephew of Dr. Rivers) will return to the Caltech-JPI, Numismatic Society on March 21 to talk to the club on “A Tribute to America’s First Lady.” In addition, the meeting will feature the always enjoyable and sometimes pro-fanatic coin color. Lucky winners return home with choice additions to their collections such as silver or bronze pieces or obsolete two or three cent pieces from the 19th century.

Meetings are held the third Wednesday of each month at 7:30 pm in the Chemistry Laboratory Building on campus. All members of the California Tech program are most welcome to attend.

Financial Aid Awards

The deadline for submitting financial aid applications for the 1984-85 academic year is rapidly approaching. The College Scholarship Service requires that students mail their FAF or SAAC to them no later than March 26. Please stop by the Financial Aid Office (10 Parsons Cage) to pick up your forms and send them in.

Questions? Ask the Financial Aid Office.

MUCH ADO ABOUT NOTHING

The much anticipated production of Shakespeare’s Much Ado About Nothing will be held in Winnett Lounge on Friday at 7:30 pm and on Saturday from 12:00-6:00 pm. For information: 425-6252.