Kallelis Explains Eastern Orthodoxy

BY TIM HENDRICKSON

Fr. Peter Kallelis, dean of the Episcopal Diocese of the Greek Orthodox Archdiocese of the South, explained the concept of the Eastern Orthodox Church at the April 1 YMCA "Varieties of Religious and Ethnic Group" lecture series held Tuesday at the First At Chandler. The speaker ranked first by all.
A natural partner of hitchhik- ing is Youth Hosteling. By sac- rificing a little privacy and luxu­ ries, I found myself in a Youth Ho­ tel in any country in Europe that was affordable. Aside from the tremendous savings on room and board expenses, you gain a little more experience, which is invalu­ able. In my opinion, the3 experience may be a characteristic in a certain way. Figuratively, these in­ dividuals are a multi-faceted, diver­ sity, bold, and mon­ strous, a mix of character and experi­ ence that is more precisely, a type of speciality, to wit, those that occupy a place of residence or inhabit the "wandering" celestial bodies. This is a way of life, and a bulk, and third in order of magnitude of separation of space with respect to the luminous center of our planetary system.

We can summarize this by saying that designers or con­ structors of engines pertaining to chemistry, or its forces, proc­ esses, etc., are like a few low people—among the people on the planet which we inhabit.

Said more simply, Chem E’s are the scum of the earth.

Steve Schwarz

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A Jungle

A jungle might be defined as a place where civilized values do not count. In a jungle what matters in physical strength. However, reaching a stage of development only a little elevated from the jungle, man learned to exploit physical strength not only for personal use but also for the benefit of others. Thus it is not surprising that in Vegas the state of mind is a jungle, with each person or thing trying to make as many dollars as possible. By Las Vegas standards it is a jog in the best show in the world. Just as in a jungle, the man in the world, if he’s brought enough money with him.

By Chuck Smythe

California Tech

Thursday, April 2, 1964

Burgess Continues Report

Hitchhike Through Europe

BY CHUCK SMYTHE

While the average Techman was still searching for his Easter Bunny two weeks ago, the recrowned Caltech Glee Club (vulgarily known as the Men of Leisure in Song) was taking annual expense-paid spring vacation. This vacation, cleverly disguised as a concert tour, has in past years traveled across the United States and into Canada. But this time— thanks to the financial contributions of many such as the Caltech Service Corps and others in the ranks of the— the club left the state for the first time, and gave nine concerts for college bodies in the Northwest Wisconsin.

Vega’s Honor, and Our Boys.

The first of these, held at the Eldridge College of the Sacred Heart in Madison (a women’s school), included dinner with the girls and a party afterward, at which a few of the Hot

Throwing Lanyines were taught a barbaric new dance. The sec­ ond, featuring the Junior High School in Evanston, fea­ tured an amazing new instru­ mental group and his singing yoyo. Further concerts were the third (a three-day extravaganza in Evanston (more girls, more party), Mount Morris High School in Rose River County (yet more girls, more party), and the final, a good audience in Evanston. (total weight 21 lbs.), I arrived in Dubin. The most vivid mem­ ory of this trip was a local girl from Galena, Extra Stout I drank in a little old pub. It was black, dreary, and revolting (Yeetch) and sent me hurrying to buy something to eat and drinks to hide the taste from my mouth. My ten days’ stay in France was a trying period: my weight was to be valuable as a breaking-in and conditioning period of living by myself. I was still trying to figure out my own. This period of read­ justment, which is essential, was so difficult, and not having to worry about the language was indeed helpful.

I remember the feeling the night before I left for the country of the pending adventures to be found in a non-Spanish speaking country, certifying the too isolated points I had pointed, for on crossing the changing time zone, I found myself in a different world, surrounded by people all over the world that I was firstReally stricken with the reality that I was in a foreign country— me, not some friend or character in a book, but me.

A Wet Night

And what a night it was! The boat landed at 1:30 a.m. and after a two-hour walk into the city, a British fellow I met had the heat and I decided to sleep in the public baths at the beach. The next day, the beaches, the hotels all being closed. Well, this would have been fine but it started raining and the hotel (total weight about 230) and so we spent the night on the street; the rain poured through the windows, cold and sleepy. Every so often a drunk would come staggering down the street towards us, drunking from one doorway to the next until we came to ours, at which time he would jump, frighten, back into the darkness and off in the same direction.

We were certainly glad when the rain stopped and we got a ride towards Brussels.

One Way Confusion

I traveled quickly through Belgium, Netherlands, Northern Germany, and then to Denmark. Two funny language incidents occurred during this time. In Hamburg I had found a nice little place to eat and carefully noted the address as: "Thank you very much, Mr. all, to buy pleasure for oneself. As the man lay under the rain, he was aware of the fact that this was a communist country which is fifth in order of physical magnitude, extent, or with respect to vaudeville that Beckman "plays with respect to Parisian gayety of Las Vegas; the show pooh-pooh New York musicals are a participant. Vegas is a self-con­ templation area not a part of the real world, with its own set of rules and values. In most civilized places, a man is re­
Geophysicists Search For Volcano Secrets

Caltech geophysicists have installed a very sensitive strain seismometer on the Hawaiian island of Oahu to study an active volcano. Oahu is about 200 miles northeast of Maui and Kilauea, the only remaining active volcano on the Islands.

Dr. Frank Press, director of the Caltech geophysical group, says “Mauna Loa is ideal for the study of volcanic activity. It is a active volcano in that it gives plenty of warning in the form of tilling and small earthquakes. Its eruptions can be predicted and no one gets hurt.”

Eighty Five Foot Rod

The seismometer was designed and installed by J. L. Mayne and Ralph Gillman of the Seismo Lab. It is a modification of the instrument invented by Dr. Hugo Beniof of Caltech. The heart of the instrument is an eighty-five quartz rod, anchored in the rock at one end and free at the other. Quarts is used because it is affected very little by temperature changes. At the free end is an electronic device which converts any difference in movement between the two ends of the rod into an electrical current and amplifies it. The seismometer is so sensitive that it can record a stretch or squeeze in rock of one-gt (one-gt is an inch in 3000 miles).

Press said the instrument is designed to measure the squeezing of the rock as it contracts, believed to extend thirty miles down, filling with magma. The main objective of the project is to determine if there are any correlations between the movements of the rocks and volcanic activity. The dimensions of the contract system can then be estimated, and the length of time required for the magma to be forced from bottom-most conduits to the surface determined.

Unanswered Questions

The Oahu instrument can be used in conjunction with others to study other problems. For example: Why are there volcanoes in that part of the world? Is there a note of weakness below the island? Where does the lava come from? The instrument is in a good position to study the earth beneath the ocean. Seated with instruments in Peru and California, it can be used to observe earthquakes that produce free oscillations of the earth.

Model G.O.P.

(Continued from page 1)

A subcommittee. The committee spent forty minutes discussing a proposal by Caltech that any action regarding cigarettes and cancer be postponed. This motion, proposed by Virchow, was finally defeated and a health blanket preventing Sedearce was finally adopted in short order, a plan regarding agriculture, calling for a gradual end to subsidies and an extension of the land grant college program, was adopted.

Not $100 a Plate?

After dinner, which was a rather $100. B,000,000, the platform committee and the general session met. The platform committee rather hurriedly finished with relatively non-conversational plans on foreign affairs and labor. In the general sessions, Tecman Bazer spent about two hours arguing, and finally, a unit rule was required that had been inti­ mated by his fellow Toche delegates. Both meetings then adjournd and cucisues proceeded until early in the morning, fea­ turing again many rounds of paid-for-by-candidates drinks and several assorted drinks, after and visits by the assistant man­ ager.

The next morning, the Caltech delegation cooperated with the chairman to take the platform in the general session in record time. The floor was cleared for nominations. 

Calphoto Ads Scratched

On the first ballot, Goldwater would have shown strength had it not become to non-in­ nation. On the second ballot, Caltech helped support a mo­ tion toward Lodge which saw Lodge and Rockefeller as front runners, with Goldwater dropping. The third ballot began equally indecisive, but ended in a landslide for water and Rockefeller, toward Scaronus. The Caltech Louisiana delegation finally changed its two votes from Lodge to Scaronus and that nominated Scaronus, with Lodge second. In vice-pres­i­ dential candidates, Governor Brown of Oregon won on the first ballot.

This closed the convention, but the closing opinion was proba­ bly equally shared by all who attended. The convention was a blast.

WELL-KNOWN FAMOUS PEOPLE: No. 1

This is the first in a series of 48 million columns examining the candidates and the issues that have alarmed the world we live in. We begin today with Max Planck.

Max (Papa) Planck (1858-1947) died in Germany. He was famous for discovering that matter sometimes behaves like waves, and waves sometimes behave like matter. Max was the son of the famous physicist, Joseph Planck.

But I digress. We were speaking of Planck's Constant, which is interesting, difficult to understand. It is a constant that matters sometimes behave like waves, and waves sometimes behave like matter. It is a constant that you can pick up your pencil and wave it. Your pencil, you will surely agree, can never weigh less than a quarter. It is a constant that Alford (or Alford) Planck's Constant, uncomplicated as it is, is nevertheless pro­ ved with the video that the unlock the steel, made space travel possible, and sent an asteroid to the moon. Have any been loaned upon Mr. Planck (or the City of Brodnyke, as he is familiarly known). He was awarded the Nobel Prize, the Little Brown Jug, and Disneyland. But the honor that pleased Max Planck most was that plinkers were named for him.

Plankton, as we know, are the floating colonies of one-celled animals on which fish feed. Plankton, in their turn, feed upon one-celled animals called mussel (named, incidentally, after Dr. Murray Kroll who invested the house out). Kroll, in their turn, feed upon peppered butterflies mostly—no, perhaps not, never have seen a peppered butterfly.

But I digress. Back to Max Planck who, it must be said, showed no indication of his scientific genius as a youngster. In fact, for the first six years of his life he did not speak at all except to his mother. What a wonderful environment. Imagine, then, the surprise of his parents when on his seventh birthday he suddenly said, "Papa! Mama! Something is wrong with the Second Law of Thermodynamics!" So set­ tled, primarily from Gold­ stino's blue dice, they will be your whatever plinkers you think they're better. Could anything be more unfair? I, for one, think not.

In Person!

...bull rugged slims with patch on lap and loops for belt or skinny belt was designed as a smart-sharp dinner in rugged, faded denim and black denim $45.00, the new wheat stretch denim $40.95.

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For more information, see the Professor of Science.

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For that important date

Burgess Reports More

Yugoslavia, a communist country, offered a situation of special interest. We were lucky to have a Yugoslav law student in our room at the Youth Hostel. We talked with him for hours in order to try to satisfy our curiosity. These people, for example, have a fanatic fear of the German National Spirit and feel that if Germany is ever

(Continued from page 8)
Hello. Welcome to the California Institute of Technology. See all the pretty buildings. See. See. See.

That one right there is Throop, and that one is Bridge, and that is Gates there, and next to that is Crellin, and . . . That one over there? Uh . . . let me think a minute. Oh. Heh. That is Dabney. No, I don't remember what they use it for.

See all the people walking around. Look how smiling and happy they are. What?

Well, you have to use a little imagination. And look over there, we have . . . What? A circus? No, the California Institute of Technology does not have circuses. Why?

Oh. I see. Those are not side show freaks. Those are grad students. They are merely showing how intellectual they are by ignoring convention. Intellectual means the same thing as unsanitary. But it's better.

Let us walk over this way and you can see more of the campus.

**Around It Goes**
That is Beckman Auditorium.
No, it does not turn around and you cannot ride on it. And those are just for decoration, they aren't really growing. That is Booth Computing Center. It has millions and millions of dollars worth of machinery inside.

Who bought it for us? We have a rich Uncle. Those are the Student Houses. Here is where California Institute of Technology students spend their carefree youth.

Dr. Huttenback? No, the student houses do not tremble when he speaks. Just maybe sometimes a government falls.

**Splendor in the Grass**
Look at all the happy students sunbathing on the grass. Happy. Happy. Happy.

The one in the shade? He is not sunbathing; he is unconscious. He has severe food poisoning. See how he retches.


Those are the SAGA kitchens. Let us look in the windows and see them prepare our food. Snoop. Snoop. Snoop.

Look at all the exotic ingredients that go into our food. That white stuff? No, that is not salt. It is potassium nitrate. It lets people sleep better.

No, not the students. The administration.

I guess that is about all there is to see. What?

That guy over there in the corner eating it raw?

He's a Chem E.
Tech Downs Azusa In Ten

The Caltech varsity nine continued to look impressive as they downed Azusa, 6-4, in ten innings, Monday. This victory was their fourth in their last five outings. The Dodgers haven't won a game in three years.

For the first time in the 15-year history of Caltech teeball, the team wore black uniforms and brewers and milk shakes. This Foothill Boulevard is not unfamiliar to Tech baseball players as Tech fields have chased down many long drives and long flyballs in this vicinity in the past years. This year, the completely different story.

Deoxyribonucleic Acid

Starting pitcher Bill Diebel left the field after the fifth inning; after each team pushed across one run. Bill opened with a scoreless inning as he served up a gopher ball early in the game. The Azusa slugger caught it fat one with his three wood bat and hit it so far that it took five relay to bring the ball back into play.

The Azusa bench started the inquiry that Diebel's "stuff" out did him from his gopher ball and wild pitch as they pushed across two runs in the seventh to make the score 4-2.

Alpha-phenoxy Naphthoic Acid

With the decision safely out of the infield, Lloyd met Red in a ten-nis match. The trophy book has improved over last year's team. Lloyd has a powerful team that will be a threat to a few opponents in his foursome by the end of the season for Tech, but Tech may win this one.

The track team this year has been hampere by a lack of time to work. However, with finals over and vacation through, the tracklets will be ready soon for the grid of the SCLA schedule. With a few first places in these events, Tech may surprise a few against the odds in the final meets. Both hands are entirely too much power, but the rest of the speedsters could reach it.

Trophy On Line

Lloyd meets Red

The Discobolus trophy resumes its wandering again this weekend for the first match of the fall term. Fleming, holder of the trophy for most of the last term, is set to play against Lloyd in a ten-nis match. The trophy book has been gathering dust on the Fleming mantel for the last several weeks.

Lloyd means to change all situations right here and now. According to the records, they have won over a 500 per cent of the shots in track meets of last year. Lloyd should have a tight on their hands.
More Azusa Game

(Continued from page 6)

pitch and pull the ball on the dirt. The ground ball resulted in the game-ending double play. Tech left the field with a hard earned 6-4 victory and a lot more confidence to face the rest of the SCIAC schedule.

A home game scheduled for Tuesday was rained out by the heavy downpour. The next varsity game comes on Saturday as Tech meets Whitthier in a doubleheader. This is the first SCIAC game for the varisty and should be a good one. Pitching depth may tell the story here as each team needs to coax 18 innings of pitching out of their pitchers. If Hicks and Diebel hold up and if the rest of the team plays as it has in the last few games, Tech will have a good chance. Slumpbuster Approach

Tech's fielding has been a pleasant surprise this year. The team has come up with the double play several times and hasn't given away too many runs on mistakes. In addition, the hitting attack has shown something new this year — hitting. Gary Duhman has been finding the holes and is hitting it better than a few years ago. Kenney has been hitting the ball and several other hitters, including Christie, Ricks, and Wicker, have shown good power as they have hit the long ball when needed.

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Exciting things are happening everywhere at Ford Motor Company!

After Ford's spectacular debut in last year's Indianapolis 500-mile race, many people wondered what we would come up with next. Well it's here! Ford Motor Company engineers have developed a brand-new V-8 especially for this year's competition at Indy. Although it's the same size as the 1963 version, this racing engine is a much "livelier" performer because of four overhead gear-driven camshafts and other refinements. Overall results of these revolutionary changes: an increase of at least 44 horses, delivering 420 hp or more at 8,000 rpm.

Ford engineers met many challenges in developing this engine. But this is just typical of the challenges being accepted every day by our employees...that's what makes Ford Motor Company such an exciting place to work. And not only in engineering. Exciting opportunities exist in manufacturing, finance, sales, marketing, industrial relations, purchasing, traffic, product planning, styling and research. All types of career opportunities for all types of graduates. If you're looking for an interesting career—look to Ford Motor Company. A growing company in a growing industry.
In retrospect I feel that while my trip was centered around a scientifically oriented project, my main gains were my increase in the knowledge and appreciation of art, music, and history. It was a better understanding of the European people, and the experience of being completely on my own.

History and Myth

But this impression was not nearly so strong as that of traveling to Thessaloniki, Delphi, and Athens. Here one can see the artifacts of history and mythology, and the ancient ruins that once were the world's wonders. In Athens the ancient ruins did exist in my world and not just through the ultraclear azure Adriatic. By going “deck passage” (sitting on the deck at night) we saved 50% of the second class passage. The thrill was tremendous on arriving in Athens and seeing the Acropolis, the sacred rock, topped with the temples of the 2500 year old Parthenon, rising from the center of the vast modern city. This mixture of new and old, while bringing home to me the realization that the ancient ruins did exist in my world and not just in the world of books and pictures, still gave an almost dream-like impression.

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