



GUITAR QUARTET TO CONCERTIZE — Members of the Los Angeles Guitar Quartet who will be featured in concert Tuesday night at the Center theater are (seated) Anisa Angarola and John Dearman and (standing l.-r.) William Kanengiser and Scott Tennant.

Guitar quartet to be featured in concert Tues. at Center theater

A richly varied and dynamic concert will be presented by four gifted guitarists on Tuesday evening, starting at 7:30, at the Center theater.

The ensemble, known as the Los Angeles Guitar Quartet, was brought together in 1979 by renowned guitarist Pepe Romero.

Tickets for this concert are on sale in Ridgcrest at the Music Man and Medical Arts Pharmacy, as well as at the Maturango Museum at China Lake.

Single-performance tickets for the Los Angeles Guitar Quartet are priced at \$5 each for general admission.

Early purchase of tickets is recommended, since most of the seats in the theater have been reserved by season ticket holders.

Some season memberships for the concert series are still available. Rates for the four remaining concerts are \$13.50 or \$11 each, depending upon seat location.

Additional information on tickets or the concert can be obtained by calling the IWV Concert Association, phone 375-5600.

bumper stickers on their vehicles will be able to obtain special-event passes at the main gate after 7 o'clock on the night of the concert.

The performers who will be featured Tuesday night are Anisa Angarola, John Dearman, William Kanengiser, and Scott Tennant.

For this concert, the Los Angeles Guitar Quartet's wide-ranging repertoire will include selections by Scarlatti, Bach, Stravinsky, Debussy, and various Spanish composers.

This student program is provided at no charge to the attendees as an educational service of the Indian Wells Valley Concert Association, made possible by contributions to the Student Education Fund.

Membership Night fete planned Jan. 13 at COM

Next Friday, Jan. 13, the Commissioned Officers' Mess will host its first Membership Night since reopening in December.

The buffet menu will feature chicken a la Kiev, served from 6 to 9 p.m., and dancing will begin at 8 o'clock.

Cost of the evening of dining and entertainment is \$5 for members and their spouses, and \$6 for guests.

Program on quilt-making set at WACOM luncheon

On Tuesday, starting at 11 a.m., the Women's Auxiliary of the Commissioned Officers' Mess will host a luncheon and lecture at the COM.

Following a luncheon of quiche lorraine, Judy Mathieson, a nationally recognized quilt-maker, will present a lecture and film slide show about her art work.

Cerro Coso offers varied classes in automotive technology, biology

Cerro Coso Community College is offering a variety of classes this spring semester covering the subjects of automotive technology and biology.

New or continuing students may make registration appointments Monday through Thursday, from 9 a.m. to 5 p.m., by calling the college at 375-5001.

For those students hoping to improve upon their mechanical abilities, Earl Bennett will be teaching "Automotive Fundamentals" on Mondays and Wednesdays from 1:30 to 5 p.m.

Information on "Front End Alignment, Suspension and Brakes" for all types of four-wheeled vehicles will be covered in a class scheduled on Wednesdays from 5 to 10 p.m.

A class entitled "Advanced Engine Theory and Machining Processes" will meet on Thursdays from 5 to 10 p.m.

Martin Luther King memorial service scheduled Jan. 15

A commemorative service honoring Dr. Martin Luther King, Jr., will be held in the All Faith Chapel at 4 p.m. on Sunday, Jan. 15.

The service is sponsored by members of the Black Interest Group at NWC and the Union Missionary Baptist Church in Ridgcrest.

Soloists Every Jo McClendon, Regina Lewis and Judy Donald will join with the Union Baptist Church choir in joyful gospel singing.

Everyone in the community is invited to join in this service recognizing the principles of peace and brotherly love that Dr. King sought to promote during his lifetime.

NEX slates sale of items for children, infants Jan. 10-14

The 4 percent pay raise for military personnel, upcoming on paychecks to be issued on Jan. 13, will mean a bit more take home pay for Navy men and women.

To help struggling young families, the Navy Exchange retail store has scheduled a sale of items for infants and young children that will be held Jan. 10 through 14.

Cribs, car seats, clothing, toys, learning aids, and other items for children will be offered at significant savings.

As a further assist to families with young children, all infants' merchandise can be placed on layaway with no deposit required.

meet on Thursdays from 5 to 10 p.m. "Automotive Tune-up," a course on the theory of electrical systems and basic testing and repair procedures, will be offered from 5 to 6 p.m. on Mondays.

A 1-unit "Applied Laboratory Procedure" class is offered on Thursdays from 7 to 10 p.m. to those students who are enrolled in at least one other auto course.

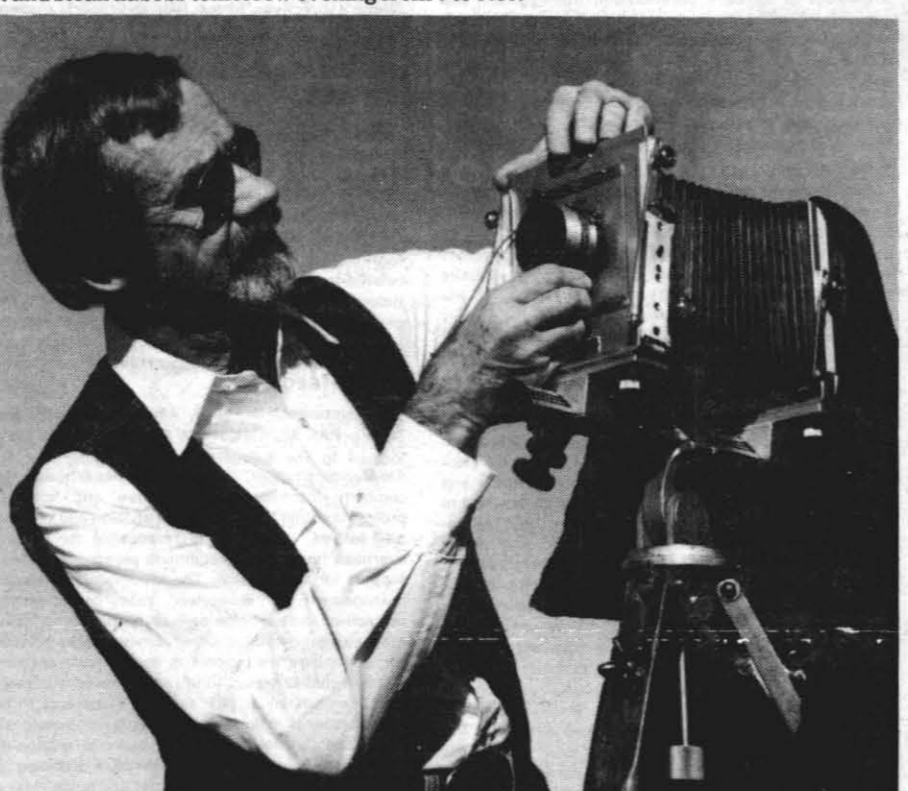
A class in "National History" will meet on Tuesdays from 9 to 11 a.m. and on Thursdays from 8 to 11 a.m. with Janet Westbrook as the instructor.

Lloyd Brubaker will teach a course on "Wildlife Management" on Mondays and Wednesdays from 5 to 6:30 p.m.

Weekend Roundup section header and introductory text.

Tonight, the country-western music of the "Easy Lovin'" band will highlight the evening's activities at the Chief Petty Officers' Club.

The Enlisted Mess dining room will offer a "surf n' turf" special this evening, from 6 to 9, and steak kabobs tomorrow evening from 6 to 8:30.



MASTER PHOTOGRAPHER — William Fettekher adjusts one of the cameras he used to make the retrospective presentations from his 20 years as a professional photographer that are on display at the Sylvia Winslow Exhibit Gallery of the Maturango Museum from tomorrow until Feb. 9.



Highest SES Award goes to Burrell Hays

The rank of Distinguished Executive was conferred on Burrell W. Hays, NWC Technical Director, by President Ronald Reagan on Dec. 19 during a ceremony held in the Executive Office Building in Washington, D.C.

During his remarks at the ceremony, President Reagan noted that this year these awards were especially fitting because 1983 was the centennial of the establishment of the Federal Civil Service.

Referring to Federal Civil Service, the President said, "we reflect on the success of a system that has not only endured but risen to meet the challenges of a nation that expects and deserves excellence from its public servants.

"Through the hard work of these dedicated and talented men and women, the Senior Executive Service stands out as the best government has to offer and the Presidential Rank Awards stand as a recognition of the best of that elite corps."

Dr. Donald Devine, head of the Office of Personnel Management, then called each honoree forward, and the President personally presented the Distinguished Senior Executive Performance Award to each recipient.

On his return to China Lake, Hays said that he felt the award honored the Naval Weapons Center rather than himself.

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Civilian Rental rates on Center to go up Feb. 1

Information on the annual adjustment in civilian shelter charges for Naval Weapons Center housing facilities has been received from the Western Division of the Naval Facilities Engineering Command in San Bruno, Calif.

A rise in the Consumer Price Index (CPI) requires an adjustment to the shelter rents established in the appraisal report of September 1979. The CPI is used for rental adjustments on all military family housing that is occupied by civilians.

Active duty military personnel assigned to public quarters for which Basic Allowance for Quarters (BAQ) is deducted are not affected by this changed in rental charges.

See rental rate chart on Page 5.



NAVAL WEAPONS CENTER CHINA LAKE CALIFORNIA

Tech Director Award presented Three employees cited for work related to focusing of laser energy on target

Three employees of the NWC Research Department were the recent recipients of the Technical Director's Award for their combined efforts related to verifying the optical figure of a large and expensive mirror used to focus laser energy on a target.

Presentations of the Technical Director's Award were made by B. W. Hays in the Large Optics Facility of Lauritsen Laboratory during a ceremony attended by the department head (Dr. Ed Royce) and co-workers of the honorees.

The honorees were Dr. Harold Bennett, associate head of the Physics Division in Code 38; Dennis Burge, a research physicist, and Joseph Shaffer, a physical science technician, both employed in the Physics Division's Advanced Optics Technology Branch.

During a six-month period in late 1982 and early 1983, the Naval Weapons Center was given the responsibility of verifying the optical figure of the SEALITE Beam Director (SLBD) primary mirror.

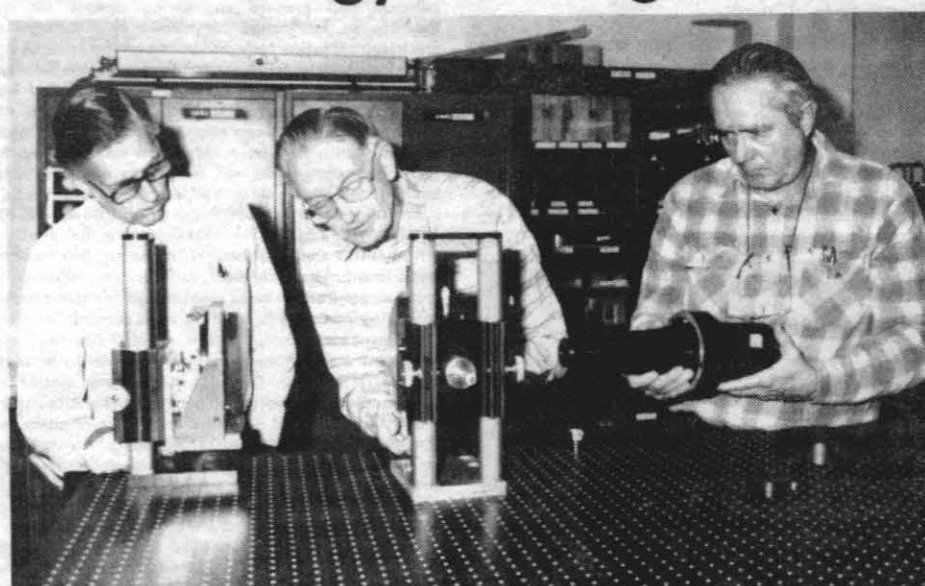
The optical figure of the mirror is a critical factor that determines the focal volume and, therefore, the power density achievable on the target.

In order to perform this task it was necessary to conceive, design and check out an entirely new interferometer system, to debug two software packages and make one of them operate with the new interferometer.

In accomplishing the task that was set before them, Dr. Bennett conceived a novel figure measurement system to be used under "field" conditions and within the limited space at the contractor's facility. He also served as a project leader and conducted the measurements and evaluation of the SLBD primary mirror.

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Debugging this new program, it was pointed out by the head of the Research



RECEIVE TECH DIRECTOR'S AWARD—Dr. Harold Bennett (in center) places a lens in a lens holder in preparation for test work utilizing a new type of interferometer that is found in the Large Optics Facility of Lauritsen Laboratory.

According to Dr. Royce, who nominated all three Research Department employees for the Technical Director's Award, Shaffer played a key role in developing the new interferometer under severe time constraints.

Shaffer's inputs were critical, his department head noted, in obtaining a practical, working instrument and in planning the test procedures under which it would be used.

Burge took responsibility for the computer software packages and made these very complicated programs work, Dr. Royce added in reference to the contributions by Burge to the team effort for which the three men received the Technical Director's Award.

(Continued on Page 5)

Department, involved many interactions that Burge initiated between himself, the software writer and the hardware manufacturer. After the systems performed correctly here, he succeeded in setting them up at the contractor's mirror coating facility in Santa Rosa.

In addition, Burge was the official Naval Sea Systems Command representative at OCLI for the mirror handling procedure, which resulted in safe handling techniques and a successful conclusion to the project.

The Center has received congratulations from the three major contractor companies involved in this effort for accomplishing a task which they frankly considered to be

Marine Col. Tyler is new Deputy Laboratory Director

Starting this week, Col. John T. Tyler, USMC, is serving as Deputy Laboratory Director (Code 03A) in addition to being the Center's Marine Corps Liaison Officer.

"I'm very excited about this," he says. "All the Center is a team effort — and being a working part of that team is terrific."

Col. Tyler is replacing Capt. John D. (Doug) Burns, who retired from the Navy on Dec. 31.

Although he has been stationed at China Lake only since fall 1981, Col. Tyler says that his original contact with the Center occurred in 1957 when he used the local ranges for firing Sidewinder missiles.

new missile by a team from China Lake prior to practicing with them.

He notes that he again had extensive contact with China Lake while he was at the Naval Air Station in Patuxent River a little more than a dozen years ago.

Col. Tyler is a graduate of the U. S. Naval Academy Class of 1955, and has served in the Marine Corps since his graduation.

Completed flight training at Chase Field in Texas in 1957, and is a graduate of the Test Pilot School at the Naval Air Station Patuxent River, Maryland, as well.

His assignments have included numerous deployments as well as service in Vietnam where he flew more than 200 close air support missions.

Prior to coming to NWC, he served as the Marine Corps Liaison Officer for Rear Admiral Paul McCarthy, the Aviation Plans and Requirements Officer for the Chief of Naval Operations.



Col. John T. Tyler

MOVIES section listing showtimes and titles like 'WEEKEND OF SHADOWS' and 'THE SURVIVORS'.

Form for postal orders with fields for 'From:', 'To:', and 'PLACE STAMP HERE'.

