

THE  
SCAS  
*Clipboard*

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VAN CLIBURN IN SYMPHONY BENEFIT

On Thursday, February 20, at 8:30 p.m., Van Cliburn will perform with the Dallas Symphony Orchestra as guest conductor in a benefit performance for support of the Orchestra.

Held at the State Fair Music Hall, the evening will be climaxed when the young musician both plays and conducts Prokofiev's exciting piano concerto No. 3.

Members of the Center's faculty and staff who have enjoyed, or hope to enjoy in the future, the music of this fine orchestra, are offered the opportunity of supporting the Symphony by attending this concert. Proceeds will provide the necessary funds for this year's maintenance of the orchestra.

GRCSW president, Dr. Lloyd Berkner, as a member of the Dallas Symphony Orchestra board of directors, has been supplied with tickets for the upper price brackets; these are available with Dee Bartley.

Members of the GRCSW-SCAS faculty and staff who purchase benefit tickets are requested to inform either Mrs. Bartley or Mr. Stohl's office in order that record may be made of Center support of this effort.

(Continued on page 2).

DALLAS NEUTRON MONITOR  
IN OPERATION

Dr. U. R. Rao, of the cosmic ray group of the Southwest Center for Advanced Studies, has reported that the Dallas neutron monitor station is now operational, and will soon begin distribution of data to other stations.

"We have made initial reliability and interference tests," he said, "and have found the instruments to be working efficiently -- we are now getting good data."

Two-way radio communication has been set up between the SCAS laboratories on the SMU campus and the Dallas station located on the SCAS campus site near Richardson. Dr. Rao said the station, which is essentially unmanned, will be visited by cosmic ray group members occasionally.

Dallas' station is an integral and necessary part of a proposed network of neutron monitor stations that will bridge an important gap in worldwide distribution of such installations, whose research is directed toward a fuller understanding of the cosmic ray variations, and greater knowledge of the solar system magnetic fields and the solar wind. Data gathered at one station are infinitely more valuable and meaningful when supplemented by that of other stations.

(Continued on page 2).

BENEFIT (From page 1)

Hope has been expressed that the Center will continue its fine support of Dallas' cultural organizations as it has in the past -- and on the basis of this past and continuing active support -- stands ready to refute the accusation in an article which has appeared in a magazine of wide national circulation, that Dallas is "for culture -- in theory."

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DR. GODBOLD VISITS  
SOUTHWESTERN UNIVERSITIES

Dr. Brygte D. Godbold, GRCSW staff vice president, visited Texas Western College, Monday, February 10, and held discussions with TWC president Dr. Joseph M. Ray. A part of the University of Texas system, TWC is located in El Paso.

Wednesday, February 12, Dr. Godbold traveled to the University of New Mexico at Albuquerque, for talks with University president Tom L. Popejoy. Today, the staff vice president is at Arizona State University at Tempe, for talks with Dr. G. Homer Durham, president of the University.

Friday, February 14, he will go to Tucson, Arizona, for a visit with Dr. Rhodes and Dr. Patrick of the University of Arizona.

Dr. Godbold's visits to these Southwestern universities are designed to implement stated aims of the GRCSW to work with universities of the region and their faculties in building graduate opportunities, and are in line with its objective of scholarly research and post doctoral education.

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NEUTRON MONITOR (From page 1)

All that is lacking before the Dallas station begins sharing cosmic ray information is setting up data handling procedures. This is going forward with the assistance of the SCAS Computer Sciences Laboratory.

Recorded at five-minute intervals, 24 hours a day, such information will be analyzed in Dallas, reduced to a usable form -- then sent out to other stations. The Dallas station will then receive back the findings of the other stations in the network.

"We will carry out a weekly data exchange with about 20 stations such as Deep River, Mt. Washington, and others," Dr. Rao said. He added that data exchange with some 50 stations scattered all over the world will be carried out less frequently. "This data will be put into a monthly format," he said.

Housing for a similar monitor station at Ft. Churchill, Canada, has been completed and work on instrumentation is being done by the cosmic ray group here in Dallas.

A SCAS spokesman pointed out that among the advantages of this Arctic installation is that polar cap detectors sample radiation from essentially a single direction in space. He also mentioned the possibility of a Soviet polar cap station at Cape Chelyuskin, USSR, the northernmost point in Asia.

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PROF. JOHNSON ON  
NEW MEXICO VISITS

On Monday, February 17, Prof. Francis S. Johnson, DASS chief, will visit New Mexico's Kirtland Air Force Base, and the New Mexico Institute of Mining and Technology at Socorro. On Tuesday, February 18 he will visit Albuquerque's Sandia Corporation and the University of New Mexico.

Wednesday, February 19, finds the SCAS scientist at Sandia, where he will lecture on "Upper Atmospheric and Space Research."

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DR. BERKNER TO ADDRESS  
YALE ZOOLOGY GROUP

At Yale University to deliver the Trumbull lecture series, Dr. Lloyd Berkner, GRCSW president, has been invited by Prof. G. Evelyn Hutchinson of the Yale Zoology department to address faculty and students of that department. On Thursday, February 13, Dr. Berkner will deliver a paper co-authored with Prof. L. C. Marshall, chief of the SCAS office of Scientific Personnel. Title of the paper: "History of Oxygenic Concentration in the Earth's Atmosphere."

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SPACE ENVIRONMENT SEMINAR

Organized by SCAS for the NASA Manned Spacecraft Center, Houston, the February 17 Seminar will be given by Prof. Alexander J. Dessler, chairman of Rice University's Space Science department. His subject will be: "Hydromagnetics."

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GRCSW SPEAKERS CIRCUIT

Dallas' Electric Club will hear a "Progress Report on the GRCSW," at its luncheon meeting at the Baker Hotel, Monday, February 17. GRCSW president Dr. Lloyd Berkner, will be guest speaker.

Prof. Carl F. Kossack, director, Laboratory of Computer Sciences, will address the mathematics faculty of the combined Highland Park Junior and Senior High Schools, at 3:30 p.m., Wednesday, February 19.

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PULITZER PRIZEWINNER  
VISITS CENTER

Pulitzer Prizewinner Eddy L.K. Gilmore, visited the Center, Tuesday, February 11. He received the Pulitzer Prize for telegraphic reporting from Moscow in 1947. He was accompanied on a brief tour of the Center by Mr. Keller H. Humphrey of Dallas. Gilmore is on leave from the London bureau of the AP for a series of lectures in the U.S.

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BRITISH MAGAZINE TO  
FEATURE SCAS SCIENTIST

It has been reported that the editor of the British magazine Nature has requested biographical material on Geosciences division head, Prof. Anton L. Hales. The magazine will report that a successor to Prof. Hales, who left the post of director of the Bernard Price Institute of Geophysical Research in Johannesburg, South Africa, to join SCAS in September, 1962, has been appointed.

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