

THE  
SCAS  
*Clipboard*

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NE'EMAN JOINS VISITING FACULTY



Dr. Yuval Ne'eman (above) will arrive in Dallas early in July to join the visiting faculty of the GRCSW for several weeks of the summer. He will also return to the M&MP division as a visiting professor at other times, principally within the coming year.

Late in 1965, he plans to resume work in Israel, whose army he helped to lead less than 10 years ago. He is now on leave from two assignments, as scientific director of the Israel Atomic Energy Commission at Rehovoth, and as chairman of the physics department of the University of Tel Aviv.

(Continued on page 3)

PROF. JOHNSON SLATED FOR  
WASHINGTON AND TENNESSEE  
APPEARANCES

Prof. Francis S. Johnson, DASS head, will attend meetings of the National Academy of Sciences Panel on Weather and Climate Modification in Washington, D. C., on June 8 and 9.

He will then travel to Tennessee, and Southwestern at Memphis to deliver a lecture at the Conference on Undergraduate Research Programs in Optical Physics on June 10.

Entitled "Airglow and Aurora," Prof. Johnson's lecture was invited by Southwestern's Prof. J. H. Taylor, chairman of the college's department of physics, as a part of the National Science Foundation-sponsored Conference, June 8-12.

Consisting of 25 lectures, the meeting will deal with ideas suitable for both undergraduate research and honors projects; will bring participants up to date on activities in modern optical physics, and will discuss the problems facing a professor in trying to get a research program started.

It was noted that Southwestern's plans call for establishment of a "space-age" research center expected to play an important role in the future of the college and the Mid-South.

RELATIVITY SEMINAR

Prof. Stanley Deser of Brandeis University, Waltham, Massachusetts, will hold the Relativity Seminar at 2:30 p.m., on June 10. Title of the seminar: "Some problems in the quantization of general relativity."

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D&PR VP TO SERVE AS PANELIST AT TCU MEETING

Development and Public Relations vice president James S. Triolo has been invited to serve on a discussion panel at the Annual Meeting of the American Association of Theological Schools in Fort Worth, June 8.

Title of the discussion will be "Our Trustees and Fund Raising." It will be held from 3:30 to 5:00 p.m., in Weatherly Hall on the TCU campus.

Issuing the invitation for the AAOTS was SMU director of Development, Mr. J. H. Bowling, who said:

"I am most hopeful that you can serve on this panel and thus add the strength that we need to give us a truly well-rounded panel from the three areas of institutional trustees -- public relations and development staff officials, and professional fund consultants."

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QUOTE: "Pure research is what I am doing when I do not know what I am doing." -- Wernher von Braun

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OETKING TO SPEAK IN EAST TEXAS

Dr. Philip F. Oetking, specialist in both the geology of the moon and the geology of Texas, will speak at the East Texas State College Aerospace Workshop for Teachers, Monday, June 8.

His talk, on "Lunar Geology," will open the workshop at 9:30 a.m., and will be illustrated with a series of large slides showing the greatest detail yet obtained on some moon surface areas.

Moon-surface features, as explained by Dr. Oetking, appear to include both those formed by impact of meteors and those formed by volcanic means, including 120-mile systems of small craters spaced closely at regular intervals. Other features include dust rays, probably small in depth, and reflective surface material with many pores.

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NEW MAGAZINE TO FEATURE ARTICLE BY GEOSCIENCES CHIEF

"A Look at the Mantle," authored by Geosciences division head Prof. Anton L. Hales, will be featured in the first issue of a new magazine, Geotimes, due publication in September, 1964.

Covering news of the earth sciences Geotimes is a publication of the American Geological Institute. The only professional news magazine for geologists and geophysicists, it will have a circulation of 30,000, and will appear monthly, except June and August.

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CENTER VISITOR

Miss Margaret A. Shea of the Air Force Cambridge Research Laboratory at Hanscom Field, Bedford, Massachusetts, is visiting the Center this week for discussions with the cosmic ray section's Prof. Kenneth G. McCracken.

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CONSULTANT JOINS M&MP  
DIVISION FOR SUMMER

Prof. Roy Patrick Kerr, of the department of mathematics, The University of Texas at Austin, took up summer duties on June 1 as consultant to the M&MP division.

Born in Kurow, New Zealand, Prof. Kerr received the Ph.D. in mathematics at the University of Cambridge.

He worked as research associate at Syracuse University, and at Wright-Patterson Air Force Base, before joining The University of Texas as associate professor in 1962.

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DOCTORATE AWARDED

Granting of the Ph.D. to Dr. Joseph Zund by The University of Texas at its May 30 exercises is the first award at a home campus following completion of dissertation research at the GRCSW.

"Degenerate fields with twisting rays," is the title of Dr. Zund's thesis. His doctorate was awarded in the field of mathematics.

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NE'EMAN (From page 1)

Dr. Ne'eman is one of the two scientists who conceived the theory of symmetry in sub-particles of the atomic nucleus. This theory, bringing order to a small chaos of particle names and descriptions, was proved last January-February in the world's most powerful atom-smashers at Brookhaven National Laboratory, New York, and the Center for European Nuclear Research (CERN), in Geneva, Switzerland.

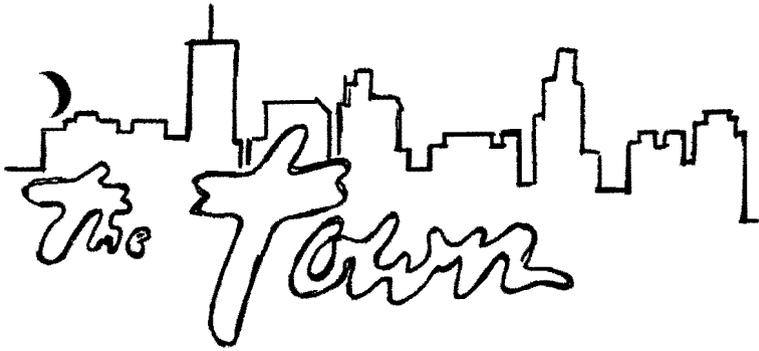
Graduating from the Haifa Institute of Technology with the master's degree in mechanical engineering in 1946, Ne'eman was in action on the Egyptian front shortly after his 21st birthday. He fought with the infantry in the Israeli war for independence, after six Arab states moved against the newly-formed nation in defiance of the UN.

He became second in command of an infantry battalion; then (1949) second in command of a brigade. In 1950, he joined the general staff as deputy director of operations. From 1951 to 1952, Ne'eman studied at the Ecole Superieure de Guerre in France, returning to the Israeli general staff as director of planning. In 1955, he became deputy director general, intelligence branch, through the Sinai campaign.

In 1957, Ne'eman took command of an infantry brigade, but within a year he was sent to London as military attache to the United Kingdom and the Scandinavian states.

In London, the soldier-turned-physicist studied under Prof. Abdul Salam.

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#### KWAI BRIDGE RECROSSED

A GRCSW viewer who saw "Bridge Over the River Kwai" a second time, agrees with a local reviewer that "after seven years... it can still be said that 'Bridge' is a great motion picture."

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#### ANOTHER 'ART' THEATER?

A reviewer tells of a rather "uncomfortable" Art theater in Oak Cliff: Called the "Rex", one of the recent offerings by this theater was "Midsummer Night's Dream" done by Japanese puppets and narrated by Richard Burton.

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#### ANOTHER PINK PANTHER

viewer says of this Peter Sellers flicker -- "a real laugh riot. We haven't seen anything to compare with it since 'Mr. Hulot's Holiday.'"

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#### PADRE ISLAND RECOMMENDED

Even with the week-end storm, a visit to Padre Island was enjoyed...

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#### THE PIERIAN SPRING

#### RUSSIAN LESSON -- Русский Урок

Vowel: A a

Stressed: As a in calm, i.e.,  
лампа, армия,  
бумага

Unstressed: Same as stressed,  
i.e., сады

After some  
letters: After ч or щ, like  
cheroot, i.e.,  
часы, площадь

Vowel: Я я

Stressed: As ya in yard, i.e.,  
янки, моя, я

Unstressed: As ye in year, i.e.,  
ядро, январь

After some  
letters: тья - ца  
тсья - ця

This begins a pronunciation review -- with a different approach to the Russian alphabet sounds. Each letter will be presented with the approximation of the sounds in English.

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