

THE
SCAS
Clipboard

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DR. JOHNSON TO CHAIR MEETING

PHILADELPHIA, Pa. -- Dr. Francis S. Johnson will chair the first session of the Meteorological Rocket Program of the American Rocket Society's Physics of the Atmosphere and Space Committee's two-session specialist conference December 28 and 29, during the 129th meeting of the American Association for the Advancement of Science to be held in Philadelphia December 26-30.

"Meteorological Data Above 60 KM" is the title of the paper to be given by Dr. Johnson at the program's Session II; he will also act as a member of the second session's panel called "Ten-Year Goals in Aeronomy."

Dr. Johnson noted that the intent of the sessions on meteorological rocketry is to summarize the extent of our national program in systematic studies of the earth's atmosphere, particularly in the 30-100 KM altitude range. Some consideration will be given to balloon platforms, he said. He pointed out that the value of such a summary to meteorologists lies in a concise presentation of the kinds of data now and soon expected, the experimental techniques employed and their inherent limitations.

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* The CLIPBOARD will not be pub- *
* lished next week -- Christmas *
* week -- the next issue will be *
* out on January 3, 1963. Cheers! *
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IMPORTANT MEETING SCHEDULED

PALO ALTO, Calif. -- "A very important meeting," says Dr. Lloyd Berkner, commenting on the Second Western National Meeting of the American Geophysical Union, to be held at Stanford University, Palo Alto, December 27 through December 29.

On Thursday, the first day of the Meeting, all sections of the Union -- Geodesy, Seismology, Meteorology, Geomagnetism and Aeronomy, Oceanography, Volcanology, Geochemistry and Petrology, Hydrology, Tectonophysics, Planetary Sciences -- and the Council, will hold the General Assembly, a joint meeting with the American Physical Society in the University's Dinkelspiel Auditorium. Dr. Thomas F. Malone, president of the American Geophysical Union, will give the introductory remarks at the Assembly; Dr. J. Kaplan, vice president of the Union, will deliver a speech entitled, "Frontiers in Geophysics."

A program, giving abstracts of papers to be presented at the Meeting by the various sections of the Union, is being circulated at SCAS.

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DECEMBER 24 HAS BEEN DECLARED A
HOLIDAY FOR GRCSW PERSONNEL

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"...to the noble mind, rich gifts
wax poor when givers prove unkind."
-- Hamlet.

VISITORS

DALLAS -- Dr. Lloyd Berkner had two visitors Tuesday morning. They were:

Dr. J. J. Kennedy of General Electric's Missiles and Space Division, Valley Forge, Pennsylvania, and Dr. Rodney Johnson, manager of GE's Lunar and Planetary Program, also at Valley Forge.

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VISITED

BOSTON, Mass. -- Dr. A. J. Dessler, in the course of the recent visit to the East Coast of a GRCSW group, visited with MIT's Professor Bruno Rossi of the Institute's Space Science Group.

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DISCUSSIONS

COLLEGE STATION, Texas. -- Discussions were had recently by Dr. Anton L. Hales and Mr. Ross Peavey, Earth and Planetary Sciences Laboratory administrator, and Texas A & M College's Dr. Dale F. Leipper, head of the school's Department of Oceanography and Professor Shirley Lynch, concerning the possibility of cooperation between SCAS and the College in the field of oceanography, including use of A & M's vessel for oceanographic exploration.

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Dr. Ivor Robinson, who will be joining the Southwest Center for Advanced Studies in February, 1963, visited the GRCSW Tuesday morning. Dr. Robinson is presently in the Physics Department of the University of Syracuse.

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SCIENCE LIBRARY ACQUISITIONS

DALLAS -- Sam G. Whitten, head librarian of the Science Information Center Library, reports three important acquisitions by the Library. These are:

Referativnyi Zhurnal (Published by Akademiya Nauk, SSSR). The library is receiving 4 sections currently (Chemistry, Geology, Geophysics, Physics) and have almost complete back files in order.

Bulletin Signaletique (Published by the French Centre national de la recherche scientifique). It is published in 18 sections covering all major scientific subjects. The library has a complete set.

Photographic Lunar Atlas (edited by G. P. Kuiper, published by the University of Chicago) includes over 200 plates (17" x 21") of the surface of the moon.

Broad-subject index file to the journals has been completed. It is available at the top of the stairs on the second floor.

"We stress our bibliography collection," Whitten said. "We are building a strong collection of indexing and abstracting services in the sciences, engineering, and mathematics. We subscribe to about sixty abstracting services," he said.

It was pointed out by librarian Whitten that the Science Library now serves the GRCSW and hopes to continue serving the Center and SCAS after they move to their new campus site.

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CALENDAR OF WEEKLY SCIENTIFIC EVENTS

- December 26 - 31 American Rocket Society-- Space Physics meeting, also sponsored by the American Association for the Advancement of Science, Philadelphia
- December 26 - 31 Annual Meeting, American Association for the Advancement of Science, Philadelphia (129th Annual Meeting)
- December 27 - 29 Second Western National Meeting of the American Geophysical Union, Stanford University, Stanford, California
- December 27 Symposium on Scientific Satellites, their mission and design, sponsored by the American Astronautical Society, Franklin Hall, Philadelphia
- December 27 - 29 Meeting, American Astronomical Society, National Radio Astronomy Observatory, Green Bank, West Virginia
- December 27 - 28 Chemical Engineering Symposium, 29th Annual (ACS) -- Rice University, Houston



NEW ART GALLERY OPENED

DALLAS -- Galleries Trahafol^e opened at 2926 Fairmount Sunday, December 16.

Housed in a Charles Addams-type, three-story house, the gallery offers something for every taste, as the visitor weaves in and out of hallways, and up the winding stairs lined with paintings, water colors, etchings, and charcoal drawings.

The gallery also features the work) an excellent frame maker, who carves and ages his own wood in a shop attached to the gallery.

Featured in the works now showing are several fine water colors by local artist Margaret Leibold.

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THEATRE

Tickets to Dame Judith Anderson's "Medea" are going fast. There were still good seats (a few) left on Saturday, but it is suggested that you pick up tickets as early as possible.

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QUOTE:

"Each time I sell a painting it is like an operation, like feeling a limb amputated." -- Pablo Picasso.

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RUSSIAN ALPHABET

As a part of this issue, the Russian alphabet has been run in its entirety on the following page.

Lessons will continue weekly. The alphabet is to be copied several times, in sections of six to eight letters.

The printed Russian alphabet was partly adapted from Greek, and still bears some likeness to it in a few letters, but the written alphabet is based on the elements of the Latin written script, since there was no written Greek alphabet.

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QUOTE:

"Dollars follow brains -- capital goes where you have brains." -- LBJ

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THE STORY OF ATOMIC THEORY AND ATOMIC ENERGY

"...presented in such a dramatic manner," this book by Dr. J. G. Feinberg "is more exciting than most novels. Yet it gives you, without recourse to mathematics, a lucid, accurate account of the most involved aspects of atomic theory and energy, and a wider range of facts on nuclear energy and its cultural implications than any other source." --
A new book published by Dover - \$1.45.

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THE RUSSIAN ALPHABET

The Russian alphabet consists of 31 letters. The alphabet, as far as every sound is represented by a separate sign, may be considered phonetic. It should be noticed that no letter serves more than one purpose, and that two letters never represent one sound.

Printed	Written	English equivalent
А а	<i>А а</i>	a in car
Б б	<i>Б б</i>	b .. bar
В в	<i>В в</i>	v .. vice
Г г	<i>Г г</i>	g .. got
Р р	<i>Р р</i>	r .. rose
С с	<i>С с</i>	s .. site
Т т	<i>Т т</i>	t .. time
У у	<i>У у</i>	oo .. foot
Ф ф	<i>Ф ф</i>	f .. fine
Х х	<i>Х х</i>	h .. hard
Ц ц	<i>Ц ц</i>	z .. German zu, or ts
Ч ч	<i>Ч ч</i>	ch .. church
Ш ш	<i>Ш ш</i>	sh .. short
Щ щ	<i>Щ щ</i>	sh (longer) suggestion of y after it
Ъ	<i>Ъ</i>	hard sign, used after a consonant to separate it from a vowel
Ь	<i>Ь</i>	soft sign, used after a consonant to soften it, i.e. to produce an effect similar to that of putting y after it
Д д	<i>Д д</i>	d in day
Е е	<i>Е е</i>	ye .. yet
Ё ё	<i>Ё ё</i>	yo .. yonder
Ж ж	<i>Ж ж</i>	s .. pleasure
З з	<i>З з</i>	z .. zero
И и	<i>И и</i>	ee .. meet
Й й	<i>Й й</i>	y .. boy
К к	<i>К к</i>	k .. Kato
Л л	<i>Л л</i>	l .. lamp
М м	<i>М м</i>	m .. might
Н н	<i>Н н</i>	n .. nine
О о	<i>О о</i>	o .. or (never oh)
П п	<i>П п</i>	p .. pipe
Э э	<i>Э э</i>	e in met
Ю ю	<i>Ю ю</i>	u .. use
Я я	<i>Я я</i>	ya .. yard