

**FROM**

HALIFAX CENTRE R.A.S.C.  
1747 SUMMER ST.  
HALIFAX, N.S.

*Mar 73*



**TO**

ROYAL ASTRONOMICAL SOCIETY,  
252 COLLEGE ST.,  
TORONTO, ONTARIO.

# NOVA NOTES



44° 38' N  
63° 35' W

HALIFAX CENTRE



E.H. 70



NOTICE of MEETING



Date: March 16, 1973

Place: The Theatre  
Nova Scotia Museum  
1747 Summer St.  
Halifax, N.S.

Time: 8:00 P.M. Sharp!

Topic: "Where are the Solar Neutrinos?  
-- A Crisis in Astrophysics"

Speaker: Dr. George F. Mitchell  
Department of Physics, and  
Burke-Gaffney Observatory,  
St. Mary's University,  
Halifax

All members and guests are most welcome to attend!

Halifax Centre

R. A. S. C.

Nova Notes are printed, thanks to the  
goodwill of the Nova Scotia Museum.



Editor's Page

Hi! Well what's new in the editorial world, "sez you."

During the past few weeks I have stumbled across a strange and interesting revelation. Nobody seems to want to contribute anything to Nova Notes!!! To this problem, notice I call it a problem. I have one question... "How come?"

Thanks to the past and present executives your Editor has been able to just bearly continue to publish Nova Notes, on a monthly basis. We NEED your help if we are to continue.

One more thing was brought to my attention, since the last issue. Some of you seem to think that there were some misspellings in the February Issue, but let me put your mind at ease with a quote from Abraham Lincoln, "It is a fool who cannot find more than one way to spell a word."

Peter Edwards  
The Editor



### Summer Course in Astronomy

An introductory course in Astronomy is scheduled to be taught this summer at St. Mary's University. Lectures from 7 p.m. to 9 p.m., July 3 to August 17.

Topics include the solar system, origin and evolution of stars, the structure of our Galaxy, pulsars, quasi-stellar objects, and black holes.

Students will be encouraged to pursue optional, individual projects as part of the course; for example, this might involve building a sundial, or an observing project with the 16-inch telescope.

For more information about the course, call Dr. D. L. DuPuy, 422-7331. Details are available from the Summer School Division. Applications should be made before April 12,





## HAVE YOU READ ?

NOVA NOTES- Sept. 1972 Now there is a Journal everyone should read !

That particular issue on the back page tells of the great canyon on Mars. Now it is more fully described in---

SCIENTIFIC AMERICAN January 1973- P49--This is a marvelous article on the Mariner 9 data. Imagine Nix Olympica, a volcanic cone rising possibly 30 kilometers high. The wind velocities can be tremendous and wind erosion is prominent,.

SCIENCE FEBRUARY ~~2~~ 1973 -On page 463 the Mars data is further amplified and with all science, the controversy arises as to whether there is or was water on Mars.

In this same issue of SCIENCE there is a small note on p.431 that is tremendously important for those that love our earth ! The Earth Resources Technology Satellite (ERTS) circles the earth in an orbit around the poles and it passes the equator on each southward passage at 9:42 Eastern Standard Time ! The instruments carried are cameras viewing the earth in four different wavelength bands. The pictures show details of vegetation and even if the crop is healthy. The pictures are available to anyone (any government) and the headquarters is at Sioux Falls, South Dakota. Canada is receiving directly from this satellite. So if you have a patch of weeds over 100 metres in diameter, ERTS will see it !

SCIENCE December 22 1972- After all this effort to place men on the moon and televise their walks, the major problem remains- Is the moon hot or cold ?

If you are really interested in the Moon, this same issue on p1265 gives us a picture of what happens to all the rocks gathered on the various lunar excursions. The full analysis will take at least a decade.

Murray Cunningham



\* \* \* SPECIAL LECTURE \* \* \*

Dr. Sidney van den Bergh  
David Dunlap Observatory  
University of Toronto

"Optical Supernovae Remnants"

March 15, 1973

4:30 p.m.

Room 247, Academic Building

St. Mary's University

Members of the Halifax Centre of the R.A.S.C. are cordially invited to attend. Dr. van den Bergh is well known for his research in stellar and galaxian astronomy, and he is an extremely talented speaker.

