would-be astronauts

Space Environment Exploration Subject Of Symposium In Kresge

Our Space Environment: The Sun, Mars, Venus, Comets, Meteors, Ceres, Cosmic Rays, the Upper Atmosphere will be the subjects of the explorers to come. But unlike Pierre de la Croye, the space traveler, the space explorers will have an inkling of what lies ahead and the exploration will be accompanied with the help of astronomers, physicists, meteorologists, and other scientists.

It is to provide the most recent information about space and about what is yet to be learned that many authorities have been asked to give a series of lectures at MIT under the sponsorship of the Department of Aeronautics and Astronautics.

The first in this series of thirteen lectures that forms the Space Environment Symposium was delivered February 14 by the director of the Harvard College Observatory, Dr. Donald H. Menzel in Kresge.

Dr. Menzel took "The Sun and its Environment" as his talk. Thursday, Dr. Theodore Stare spoke on "Gravitation in the Solar System".

On March 5, Dr. Gerard de Vaucouleurs will discuss the atmosphere of Mars and Venus, to be followed on March 12 by Dr. Fred Williams delivering a talk on "Meteors, Meteors, and Comets".

Looming of Cal Tech will also speak on the subject of "Cosmic Rays". Other speakers will talk about "The Moon", while Dr. Harold Urey is to speak as well, and Dr. Gerald Strever will cap the program with a speech on "Environmental Effects on Vehicle Design".

All of these lectures will be open to the public and will begin at 3:00 p.m. in Kresge Auditorium.

The Atmosphere of Mars and Venus, Dr. Gerard de Vaucouleurs, Research Associate, Harvard College Observatory.

March 12

Meteors, Meteorites, and Comets, Dr. Fred L. Whipple, Chairman of the Department of Astronomy, Harvard University, Director of the Smithsonian Astrophysical Laboratory.

March 19

"Radiations in Space I," Dr. Millett G. Morgan, Professor of Racial Engineering and Director of Research, Thayer School of Engineering, Darmouth College.

March 26

"Radiations in Space II," Dr. Morgan.

April 6

"Cosmic Rays," Dr. Robert H. Leighton, Associate Professor of Physics, California Institute of Technology.

April 15

"The More," Professor Clyde W. Tombough, New Mexico College of Agriculture and Mechanical Arts.

April 19


April 30


May 4

"The Geochemistry of Space and the Solar System," Dr. Harold C. Urey, Institute Professor, Institute of Technology and Engineering, Uni- versity of California (Berkeley).

May 11

"Instrumentation for Environmental Research," Dr. Herbert Fried- man, Naval Research Laboratory.

May 18

"Environmental Effects on Vehi- cles in Space," Dr. H. Gayford Ste- ver, Professor of Aeronautics and Astronautics and Associate Dean of Engineering, MIT.

M. E. Department Announces Large Freshman Dinner

Instead of an early morning lecture, the Mechanical Engineer- ing Department plans a dinner to acquaint all freshmen with the advantages of electing this subject for a professional career.

The Freshman Dinner will be held Tuesday, April 14, at 4:30 p.m., in the Faculty Club. The entire freshman class will receive invitations about March 23. And students interested in mechanical engineering are requested to pick up tickets at the Department Headquarters immediately after Spring Vacation.

Wednesday, March 4

4:30 P.M.

Admission without charge

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You keep right on "graduating" in a Bell Telephone career. Here's proof.

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Donald L. Myers, B.S. in Civil Engineering, University of Maryland '58, is typi- cal of many young college graduates in the Bell Telephone Company. Don man- ages test center operations at the Arling- ton, Virginia, office of The Chesapeake & Potomac Telephone Company. He supervises 9 people.

"We maintain equipment and facilities records on the 61,000 telephones served by this office and are responsible for han- dling customer trouble reports and dis- patching repairmen," Don explains. "But one of our most important jobs is locat- ing potential trouble conditions before our customers service is affected."

In my previous assignment I was in charge of the group responsible for the maintenance of switching equipment at suburban McLean, Virginia. This was a smaller office serving 600 telephones."

Donald stepped into this supervisory position also after 3 years of actual telephone experience. "He has sand- wicked a two-year military hitch into his record since joining the company in 1954." Previously, while on the Plant Engineering staff, he planned circuits for telephone exchanges and organization of facilities to meet future growth. He also studied the highly complicated cir- cuitry of central office switching equip- ment and its memory and routing functions.

Where does he go from here? It de- pends mostly on Don. But one thing looks sure: continuous growth in the industry will create advancement opportunities for him and young men like him who have what it takes to get ahead.

This is not just the story of Don Myers...many college men like him are moving ahead in telephone careers. See for yourself what your future with the telephone company might be like. Take the Bell interview when you visit your campus and read the Bell Telephone booklet on file in your Placement Office.